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ANNUAL REPORT

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EAN [®]
INTERNATIONAL



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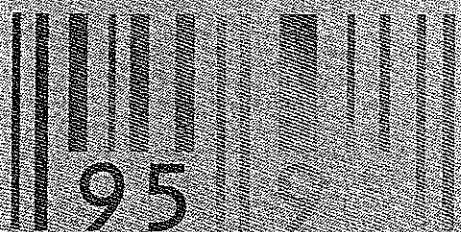
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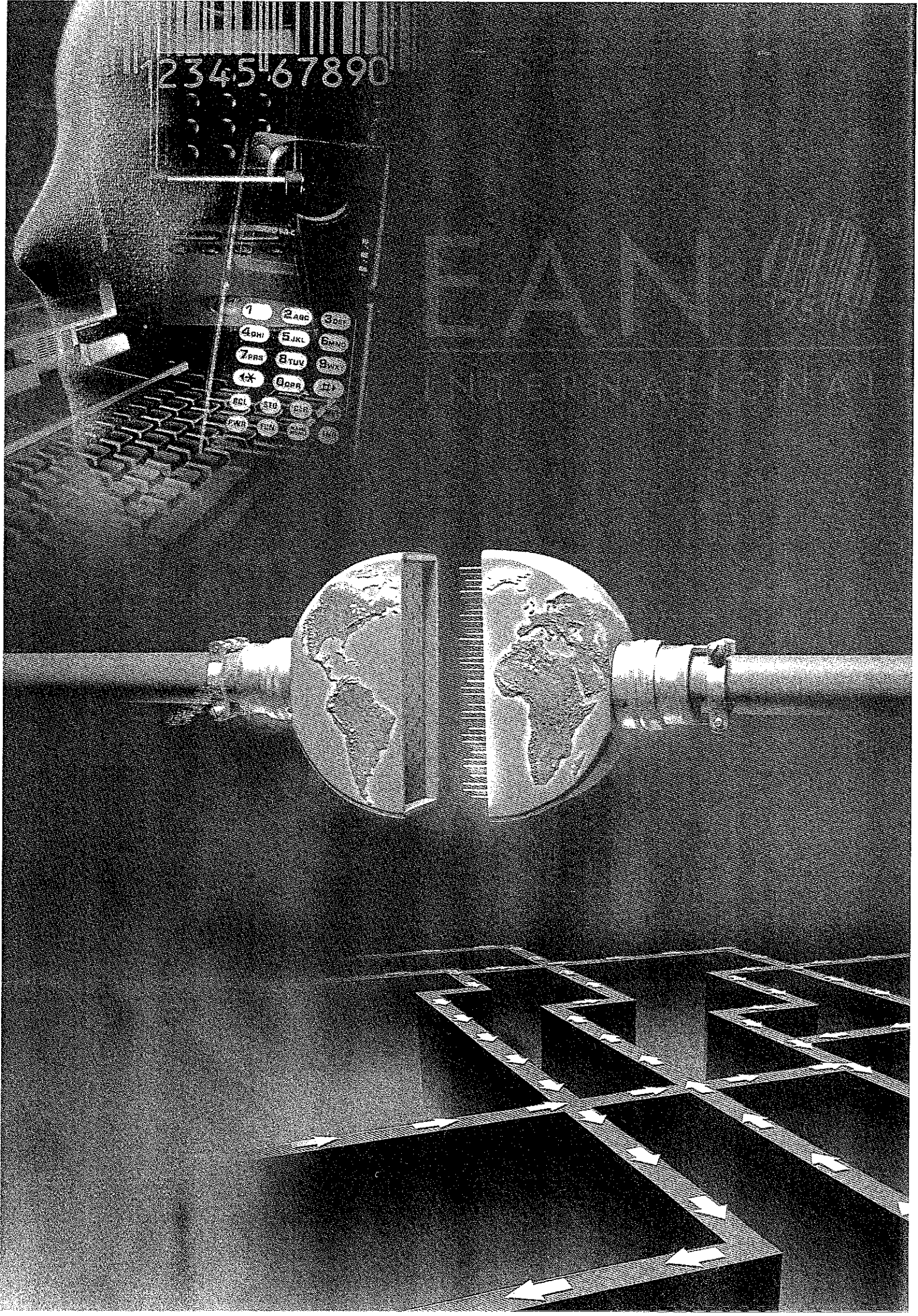
E A N I N T E R N A T I O N A L





The mission of EAN International and the Numbering Organisations, is to take a leading role in establishing a global multi-industry system of identification and communication for products and services based on internationally accepted and business led standards.

The objective is to improve the efficiency of integrated logistics while contributing added value to partners involved, as well as to consumers.



W H A T I S E A N

The EAN system consists of: a set of standards to identify in a unique and unambiguous manner articles, services and locations; technological tools (data carriers) that allow the automatic processing or reading of the identified items; and a set of standard electronic messages that complement logistic and supply information exchange between trading partners, in a cost effective and efficient manner (*Electronic Data Interchange (EDI) benefits arise, when large amounts of data are exchanged quickly and reliably, enabling the automation of data entry and processing activities*).

Since its foundation in 1977, EAN has grown steadily across the world to become an indispensable element in the logistic activities of large and small companies. Nowadays, all communication relating to logistic processes across the supply chain in an evergrowing range of industrial sectors, uses the EAN system to ensure that information on a product and service is available, whenever needed. What makes the system unique, is the fact that it is clearly understood by all parties irrespective of nationality and language. Ambiguity and confusion are eliminated. A product or a service marked and communicated through the EAN system, is identified by any other organisation precisely as determined by the originator. This has become possible because the users of the system, have agreed to a common set of standards, technical specifications and an accepted code of behaviour.

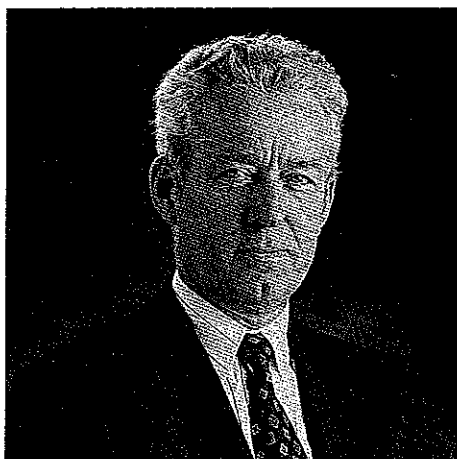
The components that make up the EAN system have been designed with the active participation of users, making simplicity of use a key feature. As a result, an increasing number of users, from a wide range of sectors such as construction, defence, grocery, healthcare, pharmaceutical and telecommunications, have boosted the total number of user companies to over 500,000 (including USA & Canada).

The EAN system is administered through a de-centralised and voluntary network of organisations. Currently there are 73 EAN organisations in 79 countries of the world. This represents over a six-fold increase since a small group of companies from 12 European countries established EAN to develop a Uniform Product Code (U.P.C.) compatible system.

This is the equivalent to the EAN system administered by the Uniform Code Council (UCC) for the United States of America and Canada.

In countries where EAN organisations do not yet exist, the EAN International Secretariat processes directly applications by companies that need to use the system.

To ensure complete harmony in the use of standards, UCC and EAN co-operate at all technical levels. The recent establishment of a Global Policy Committee ensures that for users there appears to be one system, the UCC/EAN system, that meets all their identification, codification and communication needs, irrespective of their geographical location.



*Mr J.A.N. Van Dijk,
Member of the Board of Management of
Sara Lee/D.E and Senior Vice President
of Sara Lee Corporation;
President of EAN International*

MESSAGE FROM THE PRESIDENT AND THE SECRETARY GENERAL

EAN International will celebrate its 20 years of operation in 1997. Over these years, EAN International has played an increasingly important role in the efforts of industry to move closer to borderless trade. Concurrently, EAN has been witnessing the shift of influence across the supply chain towards the consumer. Nowadays, the consumer has not only got a choice in what to buy, but also how to buy.

The increasing choice of purchasing opportunities, is making accountability an important issue for companies. The ability of an organisation to trace its product from raw materials to consumption is not only a sign of good management practice, but also of the responsible attitude it takes towards society. This is more so true in an era where companies have the ability to shift the place of manufacture or distribution according to consumption patterns and optimal economic considerations. The EAN system helps companies achieve this. At the same time, it allows consumers to carry out their purchasing wishes in a manner that suits them most. The unambiguous identification of a product, service or location through the EAN system eliminates possibilities of error.

In view of a shrinking world, where geography loses its importance and the increased responsibility to provide transparency to users, EAN International and its sister organisation, the Uniform Code Council, have established a Global Policy Committee (GPC). Through GPC users can be assured of good management of the UCC/EAN system, in terms of system integrity, capacity management and standards development.

EAN has engaged in a variety of projects to

improve the efficiency of its users' operations which in turn are passed on to the consumer either in kind or in terms of better quality of service. In the Efficient Consumer Response (ECR) movement, EAN has been an active participant since its launch in 1995 in Europe.

Here, EAN provides the electronic data interchange (EDI) expertise through its EANCOM messages for the efficient replenishment (ER) part of the ECR project. Efficient replenishment aims at optimising the flow of supplies to retail outlets. The important contribution of EAN towards the ECR movement was highlighted in the first ECR Europe conference that took place during early 1996 and was attended by over 1200 delegates.

In Australia the opening of the EANWORKS supply chain model, allows visitors to understand better the issues involved in logistics and the benefits of the EAN system.

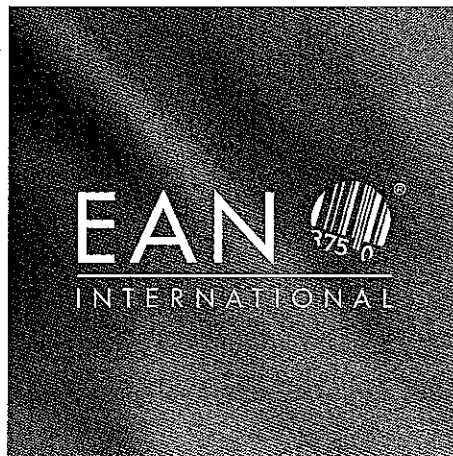
In healthcare EAN is working with healthcare associations, manufacturers, distributors and providers of healthcare to provide a "best practice" approach in their logistic and distribution processes.

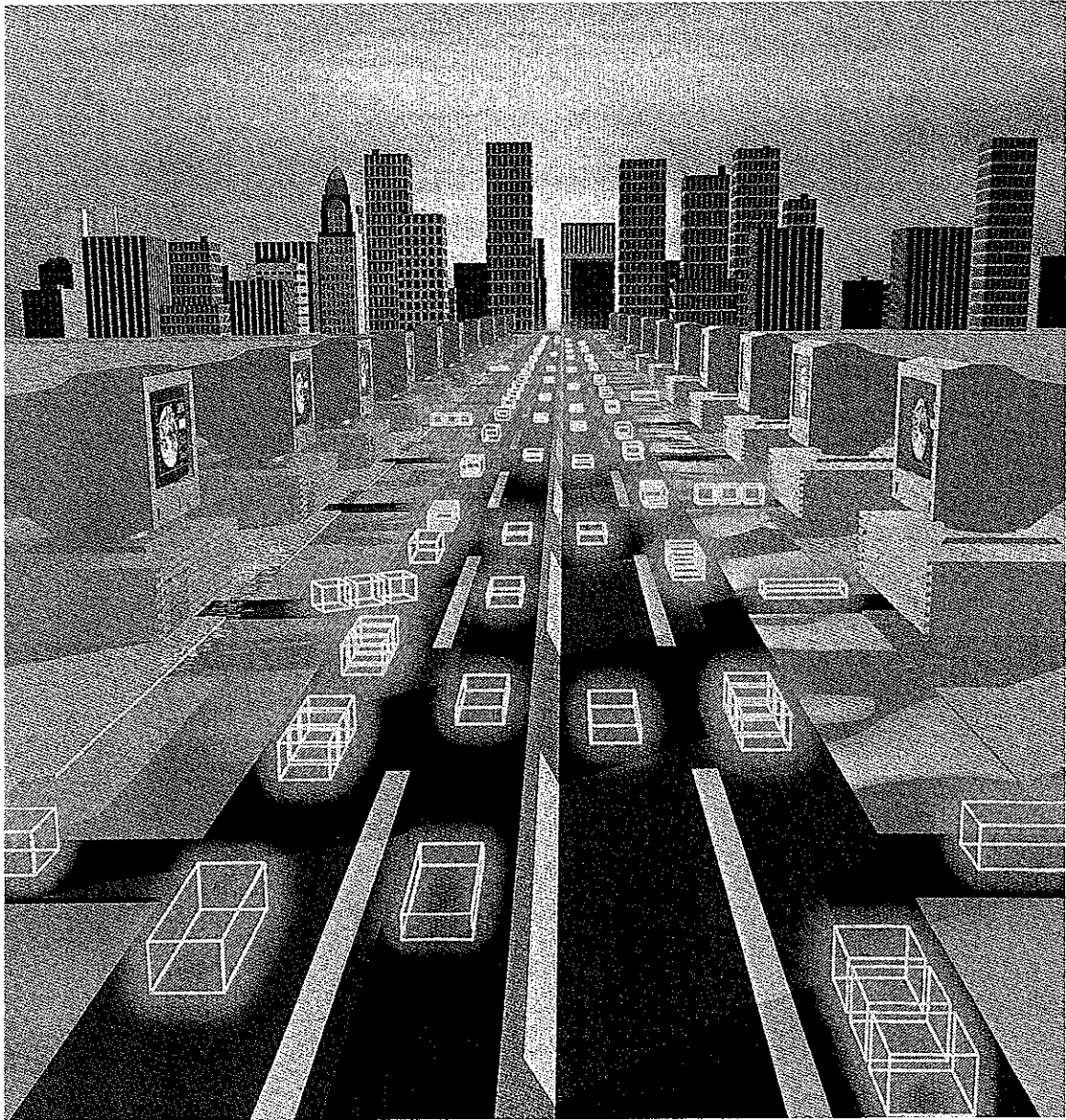
Similar projects in packaging, transport and other sectors are being pursued for the benefit of users, wherever they are situated on the supply chain.

As the demands on the EAN system increase, EAN Numbering Organisations need to become more accessible and forge even closer with users in order to better anticipate their needs, as well as to excel in the cost and value of the services they provide.



*Reinhold van Lennep, Secretary General
of EAN International*





MISSION STATEMENT ELABORATION

EAN provides global standards

EAN/UCC standards are maintained by committees and project teams composed of experts coming from many different countries and sectors. A permanent issue for these working parties is to provide solutions which may be used anywhere in the world.

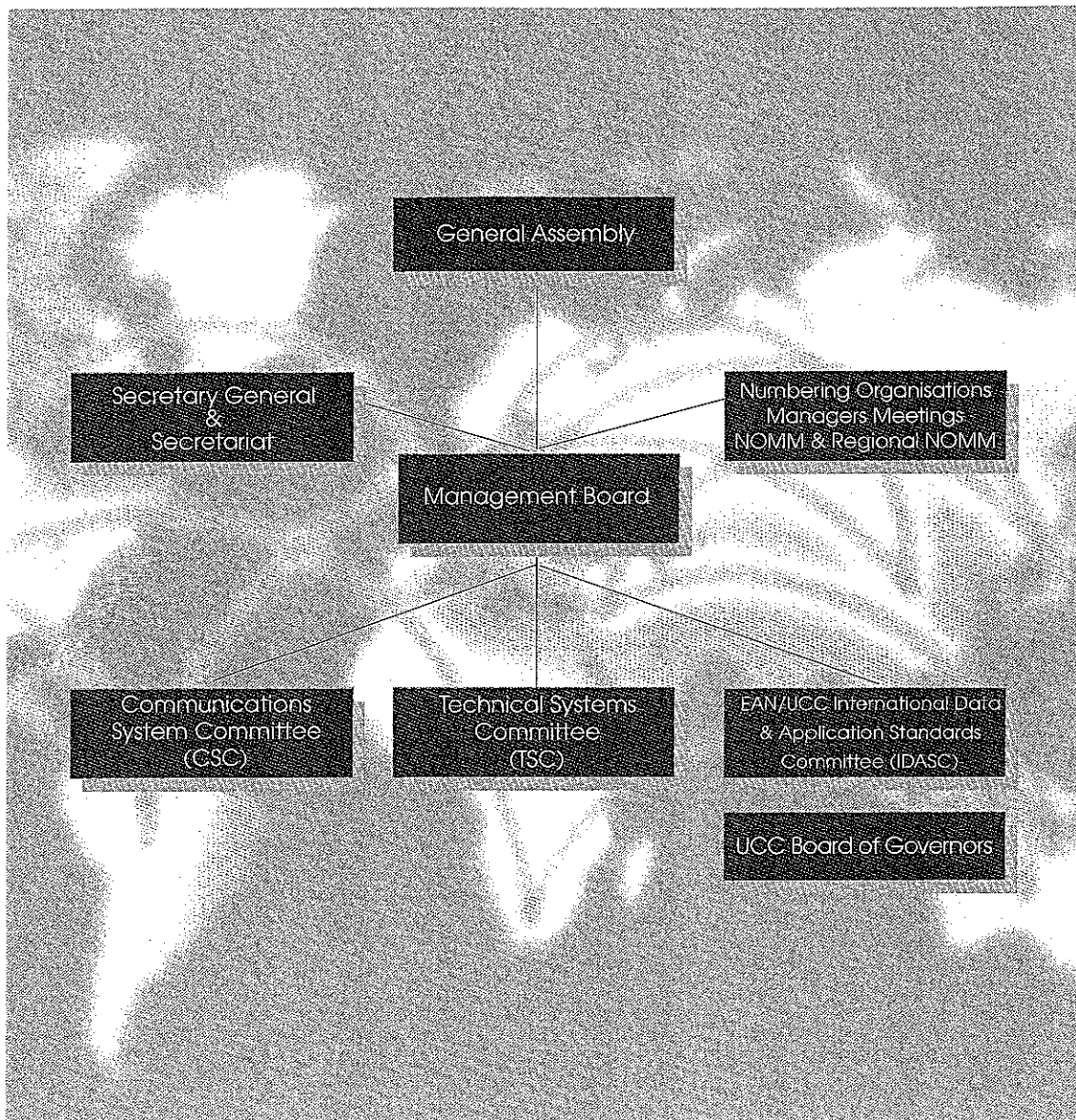
Although EAN's geographical scope does not cover USA and Canada, the EAN/UCC standards are truly global. Both EAN and UCC are committed to collaborate and cooperate very closely. A cross participation at the highest level in the decision making bodies of both organisations has been established since the early days. At the technical level, EAN is represented in the UCC Symbol Technical Advisory Committee (STAC) and contributes to various project teams launched by STAC. In the field of EDI, UCC is formally represented at EAN's Communication Systems Committee which maintains and further develops the EANCOM standard. The joint UCC/EAN International Data and Application Standards Committee, IDASC, enjoys a parity representation of EAN and UCC representatives and is administered by the EAN secretariat. IDASC is responsible for ensuring a consistent and technically sound development of the EAN/UCC system.

EAN/UCC standards are open and multi-sectorial

In Automatic Data Capture and Electronic Data Interchange applications, openness means that user companies can rely safely on the rules laid down in a set of standards.

They are assured that if they follow the rules, the bar codes they apply on goods and the messages they communicate electronically will be understood and processed accurately by their trading partners without having to devise bilateral agreements or to rely on sectorial conventions. All EAN/UCC standards have been developed on the basis of this fundamental principle of openness. Enormous cost savings are realised daily by user companies who have adopted the EAN/UCC system, because they apply the same solution for communicating with all their trading partners, while remaining entirely free to run their internal applications at their own discretion.

The multi-sectorial aspect of the EAN/UCC standards mean that any company in any sector, wherever it is located, can make use of the standards. The only condition is to endorse the basic principles on which the system is built. One of the most important principles is the non-significant identification of items (trade units, logistic units, locations). EAN numbers do not carry information about the items they identify. They are just unique keys to fixed or variable information which is stored in computer files and may be communicated using standard formats. Identification numbers and related data, standard bar codes for representing these data in machine readable form and standard formats for encoding and transmitting business transactions are the key elements of the communication language that EAN provides. It is available to any company, in any industry, anywhere in the world.



THE CONTRIBUTION OF EACH ARM OF THE ORGANISATION IN ACHIEVING ITS MISSION

The General Assembly

The General Assembly determines EAN's objectives, strategies and operational plan. All the Numbering Organisations are represented in this body.

In its annual meeting during 1995 the General Assembly considered the following:

The applications for membership of EAN Republica Dominicana, EAN India, EAN Sri Lanka, EAN-BIH (Bosnia-Herzegovina), EAN Moldova and EAN Vietnam were unanimously accepted. The application of EAN Iran was considered in October 1995 and approved in January 1996.

The formation of a joint UCC/EAN "Policy Committee" to ensure the total transparency of the UCC/EAN system for users. The General Assembly approved the operational plan and budget of 1995-1996 focusing on: the improvement of the quality of information flow within the EAN community; safeguarding the integrity of the EAN system; and the expansion of the use of the EAN standards in targeted sectors. The work plans of the TSC and CSC were also approved.

The Management Board

The Management Board has all the powers of management and administration necessary for the operation of the Association and the implementation of the mission statement and the basic strategies. The Management Board met three times in 1995 and approved the following:

- The establishment of a Global Policy Committee that has the objective of examining global strategic issues and make recommendations to the UCC and EAN Boards.

- The agreement with the United Nations Drug Control Programme (UNDCP)(please refer to the secretariat activities section).

- The commissioning of a UCC/EAN "need for numbering capacity" study, to establish a clear projection of UCC/EAN identification number needs for the next 5, 10 and 15 years.

- The commissioning of a study on the use of UCC/EAN-128 at Point of Sale (POS). This will specifically look at the demand for using UCC/EAN-128 at POS, costs and benefits to retailers and their suppliers and the elaboration of a possible technical solution.

Numbering Organisations Manager Meeting (NOMM)

The Numbering Organisations Manager Meeting, is an advisory body to the Management Board. Its role is also to inform and train the managers and executives of Numbering Organisations about all specifications and projects of EAN.

The NOMM met once in 1995 and advised on the following:

- The enhancement of inter-EAN communications by providing EAN case applications library and making better use of available technologies.



-The EAN Operational Plan with respect to Healthcare, Location Numbers, Product and Location Number Directories, Efficient Consumer Response and various issues related to Electronic Data Interchange and Automatic Data Capture.

Regional Numbering Organisations Manager Meetings (RNOMM)

RNOMM meetings consider issues related to EAN members that are of regional concern. The following RNOMM meetings took place: Eastern and Central Europe; Western Europe (1996); Asia-Pacific; Central and South-America.

International Data and Application Standards Committee (IDASC)

The purpose of (IDASC) is to ensure a consistent and technically sound development of the EAN/UCC system. Input to the IDASC is provided by the established EAN and UCC development committees. IDASC is responsible to the EAN Management Board and to the UPC Advisory Committee and Board of Governors.

During 1995 the IDASC considered the following:

- Development of a UCC/EAN model for Customer Specific / Made-to-order articles.
- Issues related to the EAN and UCC bar coded transport label standards.
- Development of a joint policy for

Automatic Data Capture (ADC) technologies standardisation at ISO (International Standards Organisation) level.

-A strategy in regards to Radio Frequency Identification (RFID) and 2-D (two dimensional) symbologies.

-Proposals for new Application Identifiers.

The Technical Systems Committee

The EAN Technical Systems Committee (TSC) is a permanent body responsible to the Management Board.

Its main objective is to provide a central base of knowledge guaranteeing competent consideration of all technical matters concerning EAN and its applications, primarily in the field of numbering and bar coding.

The TSC addressed the following in 1995:

- Development of specifications for numbering and bar coding Customer Specific Articles.
- Re-writing of the EAN General Specifications.
- Detailed consideration of requests for application identifiers.
- Maintenance of the EAN label standard for logistic units.
- Study of alternative solutions for coding variable measure retail items.
- Follow-up of the work done by CEN on bar coding.
- Development of a new international recommendation regarding the allocation of numbers to user companies



The Communication Systems Committee

The Communication Systems Committee is a permanent body responsible to the Management Board. Its main objective is the development and maintenance of the EANCOM Electronic data Interchange standard within the framework of UN/EDIFACT. The goal is to provide a practical, multi-industry standard for EDI communications based on the principle of EAN coding.

The CSC met four times in 1995 and considered the following items:

- Monitoring and definition of EAN's positions on UN/EDIFACT developments. Following-up of projects sponsored by the European Commission: Core European Implementation Guidelines (CEIG) and EDI Registration Authorities (EDIRA)

- Monitoring of the work performed by two projects teams in the fields of Transport and Finance

- Development of a technical brochure "Introduction to EANCOM in Trade and Transport" Establishment and maintenance of liaisons with User's organisation in the publishing, healthcare and textile industries

- Handling of 173 requests for changes to the EANCOM standard

- Monitoring of the EDI related developments of the European Efficient Consumer Response (ECR Europe) project Reviewing of the proposals from the Customer Specific Articles project team and its implications on the EANCOM standard.

The activities of the EAN International secretariat during 1995

The EAN Secretariat worked towards the following developments:

The **United Nations Drug Control Programme** (UNDCP), a United Nations body, and EAN International signed an agreement governing the application of the EAN system by the UNDCP. The UNDCP will use the EAN system for the generic identification of narcotic substances in drugs control operations, for monitoring and controlling the movement of these substances world-wide between nations. The agreement foresees the possibility of identifying the drug registration authorities world-wide through the EAN system.

EUCOMED, The European Confederation of Medical Devices Associations, an organisation representing the interests of 1800 manufacturers and distributors operating in the European Economic Area (EEA), recommended that medical device manufacturers migrate to the UCC/EAN-128 system.

EMEDI, the European Medical EDI group, a user's association aiming at the awareness and developments of EDI in the health care sector, has agreed to let EAN International assume the work on technical developments related to the publication of health care oriented EDI guidelines for logistic processes.

Major organisations in healthcare (EUROHCS, EMEDI, AIM Europe, EUCOMED, EHIBC, HIBCC, UCC, EAHM, individual hospitals, major suppliers and distributors) and EAN



International are working together to propose a logistic and supply a "Best Practice" model that will enable healthcare providers implement these and integrate ADC and EDI technologies for optimal results.

EHIBCC, the European Health Industry Bar Code Council and EAN International have agreed to sign a letter of agreement that will enable the healthcare sector adopt one standard in identification and codification of pharmaceutical and medical products. EHIBCC and EAN will formulate proposals in close co-operation with HIBCC and UCC to avoid duplicate solutions and integrate coding systems.

Efficient Consumer Response (ECR): ECR is a strategy focusing on efficiency in the total supply chain. The ultimate goal of ECR is the creation of a responsive consumer driven system which maximises opportunities for cost reduction within the supply chain through trading partner alliances and co-operation. The project is promoted by AIM (European Association of Industries of Branded Products), CIES (The Foods Business Forum), EAN International and EuroCommerce (representing Retailers and Wholesalers). The project collaborators include major manufacturers and retailers.

EAN International is providing the EDI expertise to the project particularly related to the correct use of the EANCOM messages.

EDI:EUR, is the Pan-European user group responsible for promoting the use of EDI in the book industry.

EAN International has worked closely with EDI:EUR for three years, offering support and advice towards the publication of EANCOM compliant guidelines of selected messages

for use in the book industry.

During the large scale medical training exercises of **NATO, "Broken Body 95"**, the UCC/EAN-128 system was used at the Emergency Hospital of the University Hospital - Utrecht. The exercise simulated the readiness of the medical facilities of participating countries to receive and treat injured soldiers. In the American field hospital of Grafen Wühr, near the German Czech border, the Dutch "wounded" soldiers received a wrist band with an UCC/EAN-128 bar-code that used the Application Identifier 8018. The hospital through the UCC/EAN-128 system and a new hospital information system "ABC", had its own patient reception and treatment processes automated. This allowed the fast admittance and treatment of large number of soldiers, without any error.

Packaging: EAN International in collaboration with manufacturers and their suppliers of packaging material, launched a project to help integrate the supply chain by encouraging the use of the same standards. As information regarding the handling and storing of goods is common to both parties, it is beneficial to use common identification system to facilitate intercompany communications. Several pilot projects are in progress and the results will be published for the benefit of all parties.

Databank of application cases: EAN International has started a project to include EAN application cases in a databank that will be available on the Internet to member organisations. This will help the implementation of the EAN system by making use of the experience of others.



REGIONAL DEVELOPMENTS AND UNIQUE APPLICATIONS OF THE EAN SYSTEM

Agricultural: In association with EAN Nederland, the NAKG (the Netherlands General Inspection Service for Vegetable and Flower Seeds) developed EDI messages, that automate the process of requesting tests (germinative power - percentage of seed to germinate) and reporting results in regards to the production of market gardening seeds. Coupled with the use of UCC/EAN-128 for crop lot and site identification, the project helped improve the administrative processes for seed producers by eliminating manual paperwork. Up to 1000 hours per annum are claimed to have been saved.

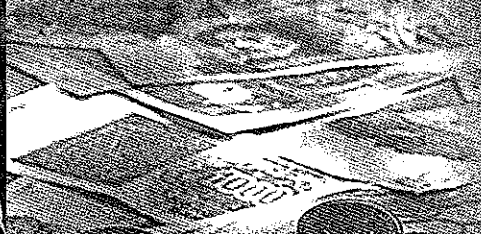
Building & Construction: CRB (Centrale für Baurationalisierung), an umbrella organisation for the building and construction sector in Switzerland, amongst other functions maintains databanks with relevant information for the sector. These include data on building standards, calculation sheets for quantity surveyors, ecological information and so forth. Although a high volume of information was exchanged between CRB and construction companies on a daily basis, little was done to automate this process. EAN Switzerland introduced to CRB the concept of EAN Location Numbers and EANCOM messages. These were integrated into the network of CRB and have resulted into considerable savings in administration time and resources. Similar projects are underway in other parts of the world.

EANWORKS: In 1995 EAN Australia opened EANWORKS, a model built to show the Australian industry the savings and

efficiencies available from introducing three key enabling technologies which support management of the supply chain, from raw materials to the consumer. The model includes full-size replicas of a factory, warehouse or distribution centre and retail outlet. Over 4000 visitors from all over the world have already visited this permanent educational display.

Endangered species: The sale and trapping in the wild of the Dragon Fish or Arowana, an endangered species, is prohibited in Singapore, while the sale of the second generation and beyond is allowed in certain circumstances. Rainbow Aquarium Pte Ltd, a company registered by the Convention on International Trade in Endangered Species (CITES) breeds and exports three commercial varieties of the endangered Dragon fish. The EAN organisation in Singapore, SANC, together with Rainbow Aquarium Pte Ltd, devised a tagging and certification procedure which documents the parentage of the fish from the founder stock to the first and second generations. The system uses a combination of EAN-13 and UCC/EAN-128 to uniquely identify each fish.

Finance: Chile and Argentina, have pioneered the use of the EAN system in financial transactions. EAN Location Numbers and EANCOM messages are used to exchange financial data and handle social security payments. Building on this experience, the Communications Systems Committee of EAN International will develop Finance Messages that will be included in the next version of EANCOM.





Fishing industry: This project was conducted by the Urk Fish Auction (The Netherlands) in collaboration with EAN Nederland, Urk fishing cutters, Radio Scheveningen, Unisource Business Networks and Rozendaal Interchange Systems. EANCOM messages are transmitted from URK fishing cutters to the URK auction via the Immarsat-C satellite. In addition, the market identifies cutters according to the EAN system. The fish is identified by type, size and quality and given a unique EAN article number. The data is converted into EANCOM messages and beamed to the fish auction. This allows the auction to know what fish will be landed, when, where, in what quantity and in turn market demand information is passed on to the fishermen. This information is also used by transport companies to arrange haulage and other businesses according to needs.

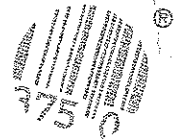
Money: The EAN system is being used in Denmark for the delivery and collection of cash. Every month seventy tons of money of different denominations are delivered to 350 supermarkets owned by Coop (the biggest retailer in Denmark) by Dansikring (a security transporter). To improve this operation, coins and bank notes are given generic EAN-13 identification numbers by EAN Denmark. Similarly, companies involved in these operations have EAN Location Numbers. Through the use of EANCOM messages, supermarkets request from Dansikring their daily need of cash (all denominations).

Dansikring not only delivers the cash but also collects it from the supermarkets and deposits it in banks. Through the use of EAN, the lengthy administrative process of identifying the denominations and locations have been reduced to a minimum. Other retailers are now following suit.

Railways: TRANZ RAIL, a private company operating the railway system in New Zealand, wanted an international method of uniquely identifying and tracing freight. In collaboration with EAN New Zealand, it implemented the UCC/EAN-128 system to accomplish this task. Through the use of the Serial Shipping Container Code, an attribute of the UCC/EAN-128 system, TRANZ RAIL tracks and traces all packages. During the next stage of the project, other attributes of the packages, such as weight and dimensions, will also be codified to assist with rolling inventory planning, billing and consignment note numbers. A request is also being considered for the unique identification of hazardous goods.

Telephone bills: The EAN organisation in Costa Rica, ACCC, and the national telephone company, through UCC/EAN-128 have speeded up the administration process related to payments. The telephone company identifies its customers, their invoice number and amount due, using UCC/EAN-128 application identifiers. When customers present their bills for payment in banks or other institutions, the bar-code on the bill gets scanned and the telephone company's database gets automatically updated on the transaction.

EAN



INTERNATIONAL



SUPPORT FROM EAN INTERNATIONAL

How to contact the EAN International office:

Mail: **EAN International**, 145 rue Royale, B-1000 Brussels, Belgium.

Electronic Mail: ean@mail.interpac.be

Fax: 32-2-227 10 21

Tel : 32-2-227 10 20

Who to contact at EAN International:

Reinhold van Lennep - Secretary General - for strategic and intra-organisational issues.

Henri Barthel - Technical Director - for all technical issues related to standards, Automatic Data Capture (ADC) and Electronic Data Interchange (EDI).

Luis Bello - Technical Executive EDI - for the support of EANCOM messages (EDI).

Erika Bochereau - Personal Assistant to the Secretary General and Office Manager.

David Buckley - Technical Executive ADC - for Identification and codification issues.

Laurence David - Technical Executive - for EAN applications databank and bar-code issues.

Joëlle De Greef - to obtain direct EAN Numbers (for manufacturers in countries where EAN organisations do not yet exist).

George Merguerian - Projects Director - for the application of the EAN system in new sectors and external communications.

Gerry Owens - Technical Executive - for all EDI technical issues, including EANCOM and EDIFACT support.

Patricia Rogival - for financial, accounting and personnel related issues.

Jacky Wait - for publications, publication orders, "EAN-Info" Newsletter, promotional

material, conferences and seminars.

Monica Walsh - Administration Manager - for legal issues and new EAN Organisation applications.

The following publications are available from the Secretariat:

- EAN General Specifications Manual
- EANCOM Manuals
- EAN Applications in the Health Care Sector
- Vital in Communications : EAN Location Numbers
- EAN organisation and system description (leaflets)
- Global Solution (brochure)
- Introduction to Electronic Data Interchange (EDI)
- Introduction to the Serial Shipping Container Code (SSCC)
- Introduction to EANCOM in Trade and Transport
- EDI in the EAN community (annual survey)
- The Annual Report

The following information is available on the Internet at:

WWW:<http://www.ean.be/ean>

What is EAN International

EAN around the World

EAN identification for retail/ trade items

EAN Application Identifier and the UCC/EAN-128 Symbolology

Numbering and bar-coding of logistic units

EAN Location Numbers: a key concept in communication

EANCOM, an international standard for EDI communication

EDITION 75 SPECIFICATIONS

EAN
INTERNATIONAL

EANCOM MAN (UNEDIFACT)

EANCOM MANUAL (UNEDIFACT)

VOLUME I

EAN
INTERNATIONAL

EANCOM
(UNEDIFACT)

AN INTRODUCTION TO EDI

AN INTRODUCTION TO THE SERIAL SHIPPING CONTAINER CODE

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INTERNATIONAL

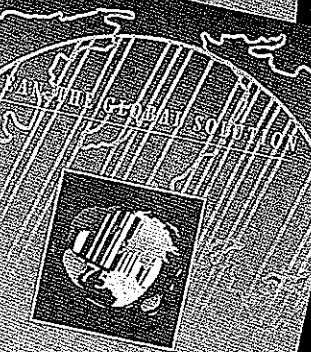
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AN INTRODUCTION TO THE SERIAL SHIPPING

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EAN Application Identifiers and the UCC/EAN 128 Symbol

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Identification for retail / trade items

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Location Numbers: a key concept in communication

EANCOM, an international standard for EDI communication

VITAL IN COMMUNICATIONS

EAN APPLICATIONS IN THE HEALTHCARE SECTOR

EAN
INTERNATIONAL

EAN International is an association of companies and individuals who are interested in the application of EAN-128 and UCC-128 for the identification of products and services. The association is a non-profit organization and its main objective is to promote the use of EAN-128 and UCC-128 for the identification of products and services. The association is a member of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC).

The EAN-128 and UCC-128 systems are the most widely used systems for the identification of products and services. They are used by a wide range of companies and individuals in a wide range of industries. The EAN-128 and UCC-128 systems are the most widely used systems for the identification of products and services. They are used by a wide range of companies and individuals in a wide range of industries.

Members of the Management Board

Messrs

J.A.N. Van Dijk, Chairman
J. Berry, Vice-Chairman
K. Asano
J.M. Bonmati
L. Canas (till May 95)
M.F. Dawson
B.C. Engberg
R. Fahlin
M.J. Ferreira e Silva (as of May 95)
T. Hussein
J. Mahieu
J. Olsen
L. Sanchez de la Vega
B. Smith
A. Szöke
J.S. Tan
R. van Lennep (Secretary General)
H.P. Juckett, Observer

Mrs
Messrs

Sara Lee, Netherlands
Tradecraft, U.K.
DCC, Japan
AECOC, Spain
CADAM, Argentina
Foodstuffs Ltd, New Zealand
Unilever, Germany
ICA Handlarnas AB, Sweden
Grupo Bompreso, Brasil
Casino, France
Tabacofina, Belgium
EAN Denmark
AMECOP, Mexico
EAN Australia
Dunapack Ltd, Hungary
SMA, Singapore
EAN International
UCC

Members of IDASC:

Messrs

H. Barthel
T. Brady
D. Epley
J. Harms
H.P. Juckett
A.T. Osborne
R.S. Schubene
R. van Lennep

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ANA UK
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Mrs
Messrs

H. Barthel, Chairman
T. Anguè
G. Izard
A.T. Osborne
M. Palazzolo
B. Passad
R.M. Pearcey
J. Schade
R. Schubene

Mrs
Messrs

GENCOD - EAN France
AECOC, Spain
ANA UK
EAN Australia
EAN Sweden
SAANA, South-Africa
CCG, Germany
EAN Switzerland

Members of the CSC

Messrs

H. Barthel, Chairman
J-L. Arrigo (as of July 95)
S. Cronbach
C. De Jonge (as of July 95)
R. Florez
P. Franzmair (till June 95)
P. Georget
M. Koens
F. Meier (till June 95)
J. Muenz
E. Nielsen
A. Sanchez
K. Schulte
G. Wellemans

Nestlé
ANA UK
Levi's Strauss
ICA, Colombia
EAN Austria
GENCOD - EAN France
EAN Nederland
Nestlé
UCC
EAN Danmark
AECOC, Spain
CCG, Germany
ICODIF, Belgium



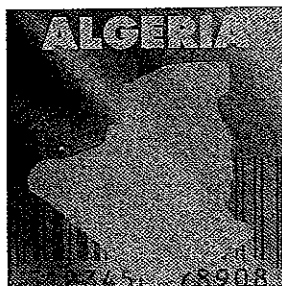
**Synopsis of
activity
of
Member
Numbering
Organisations
during 1995**

5123456 78908 7 5123456 78908

EAN ALGERIA

02 Rue des Frères
Ziata
El Mouradia
ALGER

Tel : 213.2.59.14.36
Fax : 213.2.59.22.41



President: Mr A. MEFTAH

Company: S.S.I.

Chief Executive: Mohamed CHIKOUCHE - Manager

Membership

At the end of 1995, EAN ALGERIA, who has just started to operate had 30 members.

Expansion of EAN

The development of the EAN system was mainly in the pharmaceutical, car, textile and construction material sectors.

ASOCIACION CIVIL ARGENTINA DE CODIFICACION DE PRODUCTOS COMERCIALES - CODIGO

Viamonte 340 - Piso 1°
(C.P.1053)
BUENOS AIRES
Tel : 54.1.313.17.19
Fax : 54.1.313.17.65
E-Mail :
aapcomer@starnet.net.ar



President: Federico BRAUN

Company: S.A. IMP. Y EXP. DE LA PATAGONIA

Chief Executive: Enrique Carlos VITALE

Executive Staff:

Ariel ESCOREDO - Jefe de Codification

Leonardo FERRARO - Jefe Dto. SEA (Servicio EANCOM Argentina)

Pedro OROZ - Jefe de Contaduria

Publication: CODIGO, 6/year

Membership

At the end of 1995, CODIGO had 8,649 members, a 36,20% increase over last year. A total of 8,574 manufacturer numbers and 32 location codes had been allocated.

Key achievements

In April 1995, the ECR Executive Committee was created, formed by the Presidents of the most consequential companies in the industry and commerce sectors. The pilot stage will start in March 1996 when the logistics chain stage of analysis is completed.

Expansion of EAN

With the opening of some big hypermarkets, CODIGO reported that a wide range of products which are non traditional mass consumption products was now being coded. Many industries such as textile, shoe and spare parts, household and hardware companies, etc have started coding their products.

EDI

The project Servicio EANCOM De Argentina (SEA) reports a growth of 65% over 1994. This figure is expected to rise to 140 by the end of 1996. In July 1995 CODIGO commenced a second project called 'Financial EDI', studying the messages necessary to facilitate EDI payments.

EAN AUSTRALIA

Locked Bag 10
Oakleigh
VICTORIA 3166

Tel: 61.3.9569.9755
Fax: 61.3.9569.1525
E-Mail:
bsmith@apncean.gels.com



President: John ALWAY

Company: KIWI BRANDS

Chief Executive: Brian SMITH

Executive Staff:

Maria PALAZZOLO - Executive Manager

Graham McALPINE - Industry Liaison Manager

Duncan GOLDSMITH - Member Liaison Manager

Marcella BLACKER - Administration Manager

Drew HAYES - Information Systems Manager

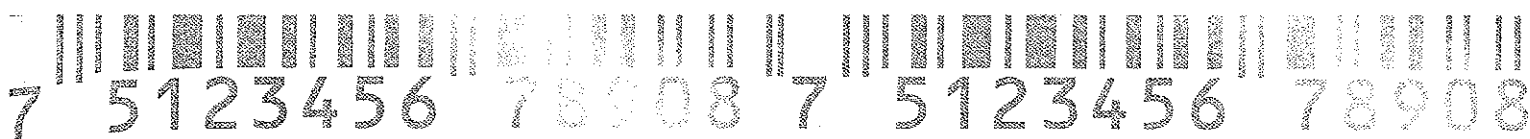
Jillian PITTS - Communications Marketing Manager

Sue SCHMID - Technical Manager

Publication: EAN AUSTRALIA News, 2/year

Membership

At the end of 1995, EAN Australia had 8,039 members, a 13,82% increase over last year. A total of 10,500 manufacturer numbers and 750 location codes had been allocated.



Key achievements

EANWORKS Model, the supply chain model exhibition has attracted over 4,000 visitors in its first year. The retail industry working party jointly with the Australian SuperMarket Institute and the Grocery Manufacturer's of Australia has issued guidelines for the marking of batch numbers and use by dates on all outers with AI's and EAN 128 Barcodes, as well as transport specification standards. The EAN Australia pro-duct catalogue database can now be electronically accessed by members.

Expansion of EAN

The EAN Standards are being used in transport, utilities, and by the Fire Brigade, and Government.

EDI

EAN Australia is currently involved in the DOMEDI EDI project with Electronic Commerce Australia (ECA) which aims to provide Australian implementation guidelines for the main EDIFACT transport messages. Where they exist EANCOM implementation guidelines have been used as the basis for the DOMEDI message guidelines.

EAN AUSTRIA GESELLSCHAFT FÜR KOOPERATIVE LOGISTIK GMBH

Mayerhofgasse 1/15
1040 WIEN

Tel: 43.1.505.86.01
Fax: 43.1.505.86.01.22
E-Mail:
office@ean.co.at



President: Hans ROHREGGER

Company: RAIFFEISEN WARE Austria

Chief Executive: Eva Maria BURIAN-BRAUNSTORFER

Executive Staff:

Peter FRANZMAIR - Official in charge

Erich VLCEK - Official in charge

Reinhard SEKA - Official in charge

Publication: EAN-Info, 4/year

Membership

At the end of 1995, EAN AUSTRIA had 3,791 members, a 2.93% increase over last year. A total of 6,280 manufacturer numbers had been allocated.

Key achievements

EAN AUSTRIA worked with Billa, Austria's largest retailer, to fully automate its distribution warehouse near Vienna, by implementing EAN standards.

Expansion of EAN

EAN AUSTRIA continuously promotes EANCOM in Austria as well as in the neighbouring countries thanks to close business relations between companies in Austria and abroad. It promotes and enforces the use of EAN in the health care sector. One hospital will start with EDI in 1996 with consumer goods. It has also been supporting the use of UCC/EAN-128 standard, set into practice by several companies for purposes like variable weight items and pallet labelling.

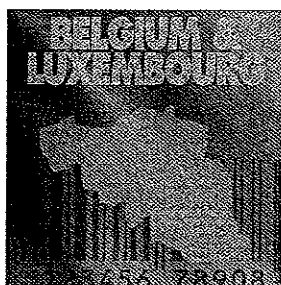
EDI

EAN Austria started the SEDAS EDI project in 1977. At the closing of 1995 there were over 2,000 users of SEDAS with approximately 2,100 expected by the end of 1996. In 1992 the EANCOM ECODEX service was launched for both national and international EDI. At the end of 1995 there were 100 users, an increase of 43% on 1994, with 150 expected by the end of 1996.

ASBL ICODIF VZW

Rue Royale 29
1000 BRUXELLES

Tel: 32.2.217.45.24
Fax: 32.2.217.43.47



President: Henri GUTMAN

Company: GIB Group

Chief Executive: Etienne BOONET - General Manager

Executive Staff:

Dominique VERTROOST - Director

Bart SMET - EDI Manager

Publication: ICODIF Bulletin, 4/year

5123456 78908 7 5123456 78908

Membership

At the end of 1995, ICODIF had 2,843 members, a 12.64% increase over last year. A total of 2,980 manufacturer numbers had been allocated.

Key achievements

During 1995, ICODIF established the basis for a "national EAN location number catalogue" in conjunction with EURO DB, a database company. The catalogue will be accessed on-line. Apart from the EAN number, other information will be available such as full address, VAT number, sector of activity, financial information, etc.

Expansion of EAN

Apart from membership from traditional sectors, several public authorities and providers of public utilities joined ICODIF: ELECTRABEL - the national postal authorities - the custom authorities - communes (precinct)

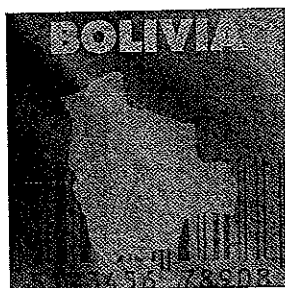
EDI

In 1995 the EANCOM ORDERS user profile for national exchanges within the Belgian retail sector was created. In addition to this ICODIF also provided the EDI secretariat to the National Federation for the Construction Industry (FeMa) who have chosen EANCOM as the basis for all of their trade and transport related EDI.

EAN BOLIVIA

Suarez de Figueroa
n° 127
Casilla 180
SANTA CRUZ DE LA
SIERRA

Tel: 591.3.33.45.55
Fax: 591.3.34.23.53



President: Rolando PRADO SAAVEDRA
Company: Cerveceria Santa Cruz S.A.
Chief Executive: Oscar Miguel ORTIZ ANTELO
Executive Staff: Luis FOIANINI HARASIC - Executive

Publication: Automatizacion Commercial, 2/year

Membership

At the end of 1995, EAN BOLIVIA had 63 members, a 75% increase over last year. A total of 63 manufacturer numbers had been allocated.

Key achievements

A total of over 600 product codes have been assigned, and the use of DUN-14 codes for shipping boxes increased.

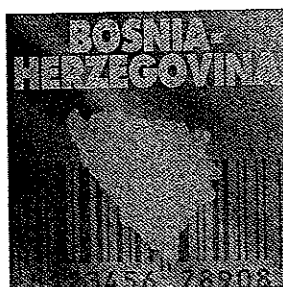
Expansion of EAN

The EAN system is now being used to transmit the database of codified products to supermarkets. Bar code technology is now increasingly applied in non-grocery stores.

EAN BIH - Chamber of Economy of Bosnia and Herzegovina

Mis Irbina 13
71000 Sarajevo

Tel: 387 71 663 370
Fax: 387 71 663 633



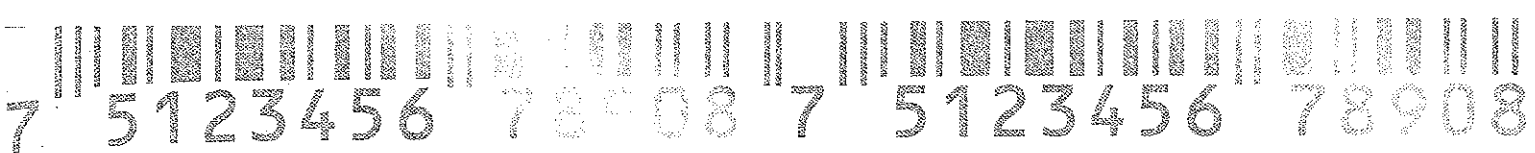
Chief Executive: Seadeta CERIC

Membership

At the end of 1995, EAN-BIH, who has just started to operate had 35 members.

Key achievements

In its first year, EAN-BIH concentrated on the onset of its organisation, and planning the promotion of the EAN bar coding system, training for members, seminars for companies, translation and printing of EAN manuals, and implementation of new applications.



EAN BRASIL

Av. Paulista 2644
10º andar
01310.934 SAO
PAULO

Tel: 55.11.259.3444
Fax: 55.11.231.2808
E-Mail:
eanbra@amcham.com.br



President: Essio BARBONE Jr

Company: NESTLE

Chief Executive: Luiz FERNANDO C. DE NOVAES

Executive Staff:

Marcelo HENRIQUE DE AZEVEDO - Technical Manager

Andrea VOLPONI - Communications Manager

Carmella RODRIGUES - Trade Shows Manager

Siomara DE MARTINO - Member Relations Manager

Luiz FELIPE HAIDER - Controller

Publication: A.C. AUTOMAÇÃO COMERCIAL, 12/year

Membership At the end of 1995, EAN BRASIL had 13,535 members, a 96,62% increase over last year. A total of 14,107 manufacturer numbers had been allocated.

Key achievements

During the year, EAN BRASIL formed an ECR committee with many supply chain associations, started the certification process (ISO 9000), promoted and was present at 93 trade shows, several congresses and a conference where 8,069 persons attended. It proceeded to the technological updating of its organisation, improving services, and reformulated the monthly magazine.

Expansion of EAN

EAN BRASIL advocated the use of the EAN system with the Telecommunications Authorities (EAN/UCC 128), hospitals and health care, haulage, pulp & paper & cellulose sectors.

EDI

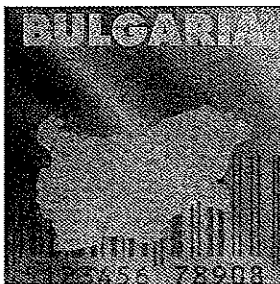
In February 1995 the G.EDI transportation EDI project was launched with 10 pilot users registered by the end of the 1995 and 25 expected by the end of 1996. EAN BRASIL presented, as part of its training program, three seminars to its membership on the subjects of EDI Project Management, EDI Project Implementation, and EDI in Transportation.



BULGARIAN CHAMBER OF COMMERCE AND INDUSTRY (BCCI) - EAN BUREAU

42, P. Partchevitch Str
1000 Sofia

Tel: 359.2.87.26.31
Fax: 359.2.87.32.09



President: Bojidar BOJINOV

Chief Executive:

Anna PETKOVA

Christo VASSILEV

Publication: EAN Bulletin, 4/year

Membership

At the end of 1995, BCCI had 214 members, a 29.7% increase over last year. A total of 214 manufacturer numbers had been allocated.

Expansion of EAN

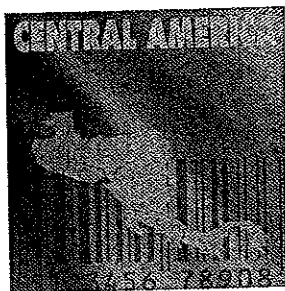
During the year, BCCI - EAN Bureau enforced and promoted the use of the EAN system for pharmaceutical products, building materials and garments.

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**INSTITUTO
CENTROAMERI
CANO DE
CODIFICACION
COMERCIAL
- ICCC**

Ruta 6, 9-21 Zona 4
Edificio Camara de
Industria
Nivel 10
GUATEMALA

Tel: 502.2.341.327
Fax: 502.2.326.658
E-Mail: Guatemala:
iccctole@guate.net
- El Salvador:
diesco@ol.rasca.cr



Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua & Panama.

President: Sergio CAPON BRENES
Company: Impresora Delta, S.A.
Chief Executive: Maritza HIDALGO DE TOLEDO
Executive Staff: Monica ROSALES ROCA - Assistant Manager

The ICCC has a branch in Costa Rica, El Salvador and Guatemala.

Publication: INFOTECH (El Salvador), 4/year - CODIGO 744 (Costa Rica), 5/year

Membership

At the end of 1995, ICCC had 2,242 members (Guatemala: 852, Costa Rica: 840, El Salvador: 550) a 59.01% increase over last year. A total of 2,115 manufacturer numbers had been allocated.

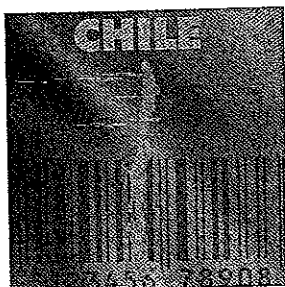
Expansion of EAN

ICCC Guatemala is planning to implement bar coding in department stores. El Salvador is developing the bar coding in the pharmaceutical sector and department stores. Both are providing a consulting service to companies using bar code technology.

EAN CHILE

Vecinal 140 - Las
Condes
Casilla 2412-10
SANTIAGO

Tel: 56.2.231.30.24
Fax: 56.2.233.35.16
E-Mail:
jgonzam@ibm.net



President: Oscar ANDWANTER QUENTIN
Company: Hipermercados Jumbo
Chief Executive: Jorge GONZALEZ MORANDE
Executive Staff:

Cristian BARRIGA SOTTA - EDI Executive
Andres SALINAS D. - EDI Project Manager
Patricio CASTRO L. - Project Manager
Manuel Jose ARIAS W. - Technical Manager
Gerardo VILLAROEL G. - Informatic and Computer Assistant

Publication: BARRAS: 6/year

Membership

At the end of 1995, EAN CHILE had 3,065 members, a 22.45% increase over last year. A total of 2,995 manufacturer numbers and 998 location numbers had been allocated.

Key achievements

During the year, the organisation changed its name from DEPCO to EAN Chile, to consolidate its relationship with EAN International. It has been working with a group of leading companies (distributors and suppliers) and correlating with adviser companies.

Expansion of EAN

EAN CHILE has introduced the EAN/UPC bar code for pharmaceutical products, surgical products and general products in the health care/private hospital sector. It has developed the EAN/UCC 128 for public service invoices (electricity, public gas, telephone, etc) insurance policies and others, launched the bar code system at CODELCO Chile (principal copper exporter), promoted the DUN-14 in the supermarkets channel and department stores, and established the EAN/UCC Pallet label in the pallet fruit export.

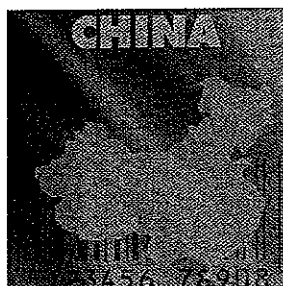
EDI

DEPCO launched the EDI*Chile (Customs and Finance) and EANCOM Chile (Trade) projects in late 1993 for both national and international EDI. At the end of 1995 there was a total of 130 users in the two projects with 200 expected by the end of 1996.

**ARTICLE
NUMBERING
CENTRE OF
CHINA
- ANCC**

East Gate No.46
Dewai
Yuzhongxili Xicheng
District
100029 BEIJING

Tel: 86.10.2024528
Fax: 86.10.2024523



President: JIAO Yunqi
Company: ANCC
Chief Executive: KANG Shuguo
Executive Staff:

HU Jiazhong - Vice Director of ANCC
ZHAO Nan - Vice Director of ANCC & Director of Management Dept.
ZHANG Chenghai - Director of Technical Department
WU Hailian - Director of Verification Department

Publication: Bar Code & Information System, 4/year

Membership

At the end of 1995, ANCC had 20,294 members, an increase of 38,13% over last year. A total of 20,294 manufacturer numbers had been allocated.

Key achievements

ANCC propagated the significance of bar code application to various social circles, and corrected misunderstandings related to the bar code prefix and effectively protected the rights and interests of its members. It actively expanded the use of the system in retail and established it in over 500 scanning stores, and worked towards raising the quality of printed symbols of bar codes.

ANCC established the UCC/EAN-128 Application Identifier as national standard, translated and published EANCOM 94 and held two seminars for EDI & EANCOM and several international technical exchanges. They also started to formulate a national standard for EAN location codes.

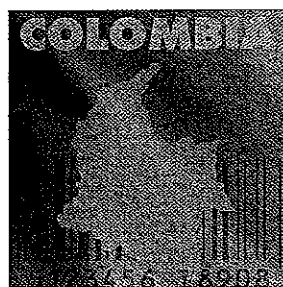
EDI

In 1994 ANCC began its involvement in EDI by translating the EANCOM 1994 manual into Chinese. In October 1995 two EANCOM seminars were held as a means of educating and generally raising the EDI awareness levels. In 1996 pilot projects in the Shengzhen and Guangdong provinces are planned using EANCOM.

**INSTITUTO
COLOMBIANO DE
CODIFICACION Y
AUTOMATIZACION
COMERCIAL - I.A.C.
COLOMBIA**

Avenida Jorge Eliecer
Gaitan n° 68 B- 85
Torre 2 piso 6°.cem
BOGOTA D.C.

Tel: 57.1.427.09.99
Fax: 57.1.427.02.01
E-Mail:
iaccol@ibm.net



President: Jorge REYES
Company: CARULLA & Cia
Chief Executive: Rafael FLOREZ BARAJAS
Executive Staff:

German MERINO - Bar code Subdirector
Yara MONTAÑA - EDI & Logistics Subdirector
Marcelo QUIROZ - Marketing Subdirector

Publication:Codigo 770, 6/year

Membership

At the end of 1995, I.A.C. had 5,545 members, a 45.31% increase over last year. A total of 5,457 manufacturer numbers had been allocated.

Key achievements

During the year, I.A.C. has increased the use of bar codes on despatch units and developed important projects using EAN/UCC 128.

Expansion of EAN

I.A.C. has futhered its expansion of the EAN system in the transport, finance, health care, speciality goods and wholesale sectors.

EDI

I.A.C. organises, on a monthly basis, a basic training session to introduce companies to the concept of EDI, and a more detailed session three times per year to explain technical issues. In addition, training on specific EDI topics is arranged following requests from any interested parties. I.A.C. offers direct support to its members EDI projects in order to ensure the correct and full use of the EAN numbering and EANCOM standards.

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CROATIAN CHAMBER OF ECONOMY, CRO-EAN

Croatian Chamber
of Economy
Rooseveltova TRG 2
1000 ZAGREB

Tel: 385.1.46.515.55
Fax: 385.1.44.86.18



President: Klara KARIVAN
Company: VECER URED, Zagreb
Chief Executive: Dubravka AUNEDI

Publication: EAN-Info, 10/year

Membership

At the end of 1995, CRO-EAN had 521 members, a 60.31% increase over last year. A total of 521 manufacturer numbers had been allocated.

Expansion of EAN

CRO-EAN have checked film master suppliers and printing-houses skills and are preparing to provide additional training where necessary. They have also been discussing solutions for coding of variable measure retail units, and plan to organise a series of bar coding lectures especially aimed at assisting the more recent members.

CAMARA DE COMERCIO DE LA REPUBLICA DE CUBA

Calle 21 No 661
Esquina A. Vedado
Ciudad de La
Habana
Apartado 4237
LA HABANA 4

Tel: 53.7.30.44.36
Fax: 53.7.33.30.42
E-Mail:
tphabana@ceniai.cu



President: Carlos MARTINEZ SALSAMENDI

Company: Chamber of Commerce

Executive Staff:

Marta CAMACHO FUNDORA - General Secretary
Ileana VALMANA MONTAVES - Director Information & Informatics
Lellanis LOPEZ AMADO - EAN Desk Officer

Publication: Noticias, 12/year

Membership

At the end of 1995, the EAN Cuba Bureau had 83 members, a 22.05% increase over last year.

Key achievements

During the year, EAN Cuba Bureau strengthened its relations with firms providing equipment and supplies required for the introduction and application of EAN system. It developed training, seminars and conferences on EAN applications and increased the membership of Cuban production and trading companies, mainly in the food sector.

Expansion of EAN

EAN Cuba Bureau reports an increase in the number of members coming from the medical sector.

EAN - CYPRUS

CYPRUS CHAMBER
OF COMMERCE AND
INDUSTRY
39, Grivas Dighenis
Ave. &
3 Deligiorgis Str.
P.O. BOX 1455
NICOSIA

Tel: 357.2.44.95.00
Fax: 357.2.36.56.85



President: Phanos EPIPHANIOU

Company: PHANOS N. EPIPHANIOU Ltd.

Chief Executive: Marios TSIKKIS

Executive Staff:

Androulla XENOPHONTOS - Executive Secretary

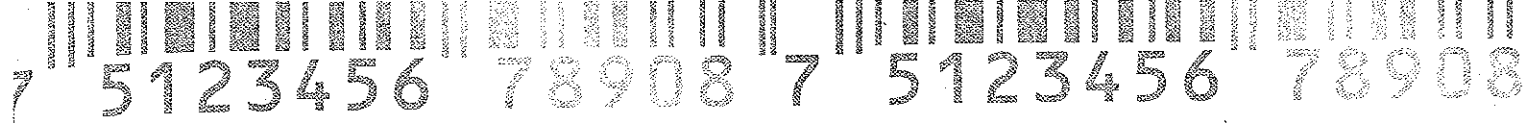
Publication: Periodic circulars, no standard frequency

Membership

At the end of 1995, EAN CYPRUS had 721 members, a 24.52% increase over last year. A total of 721 manufacturer numbers have been allocated.

Expansion of EAN

During 1995, EAN CYPRUS continued to work towards the expansion of the EAN system within the traditional sectors of industry-manufacturing, retail and wholesale trading. New Product Items added during 1995 were primarily gift items and stationery.



EAN CZECH REPUBLIC

NA PANKRÁCI 30
14000 PRAHA 4

Tel: 42.2.61001145
Fax: 42.2.61001147



President: Jaroslav CAMPLÍK
Company: COKOLÁDOVNY j.s.c.
Chief Executive: Jaroslav MARTINIČ
Executive Staff:

Jana VÁNOVÁ - Commercial Manager
Pavla CIHLÁROVÁ - Technical Manager
Jirina DVORÁKOVÁ - Economic Manager
Hana NERADOVÁ - Assistant

Publication: INFO EAN CR, 2/year

Membership

At the end of 1995, EAN CZECH Republic had 1,847 members, a 29.71% increase over last year. A total of 1,845 manufacturer numbers had been allocated.

Key achievements

EAN CZECH has enforced standardisation and the application of CEN standards.

Expansion of EAN

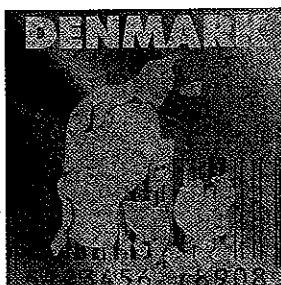
EAN CZECH advocated and implemented the use of the EAN standards for coupons, in the pharmaceutical and distribution sectors and the steel industry. It has also enforced the correct use of EAN locations numbers.



EAN DANMARK

Aldersrogaade 6
2100 Kobenhavn

Tel: 45.39.27 85 27
Fax: 45.39 27 85 10



President: Frits RASMUSSEN
Company: KIMS A/S
Chief Executive: John OLSEN - Managing Director
Executive Staff:

Erland NIELSEN - Development Executive
Kurt ANDREASEN - EAN CONSULTANT
Karen OLORENSHAW - EAN Consultant

Publication: NYT FRA EAN-DANMARK, 4/year

Membership

At the end of 1995, EAN DANMARK had 3,402 members, an 8.93% increase over last year. A total of 3,905 manufacturer numbers had been allocated.

Key achievements

In 1995, EAN DANMARK was preparing its new organisation covering all aspects of the EAN System and which started from 1st January 1996.

Expansion of EAN

The EAN System was introduced and established in the shoe (production-wholesale-retail) and plumbing sectors and both the plastic and electric industry have decided to "Go EAN".

EDI

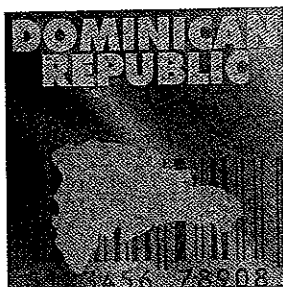
EAN Denmark actively participates within the Danish EDI Council and cooperates with EDI initiatives in several other sectors including, construction, transport, finance, health care, insurance, industry, customs, trade and public procurement. EAN Denmark is actively involved in several IT/EDI political groups which are supported by the Danish Ministry of Research, the Danish EDI Council, and several sector specific initiatives.

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EAN REPUBLICA DOMINICANA

Edificio Plaza
Compostela - Suite
3-1-5
Ave. John F.
Kennedy Esq. Calle 7
Santo Domingo

Tel: 1 809 476 0829
Fax: 1 809 476 0828
E-mail:
eanrd@tricom.net



President: Federico VELAZQUEZ
Company: Centro Cuesta Nacional
Chief Executive: Erika SCHEIDIG

Membership

At the end of 1995, EAN Republica Dominicana, who joined EAN International during the year, had 85 members.

Key achievements

In its first year, EAN Republica Dominicana concentrated mainly on establishing its organisation and dealing with the first members.

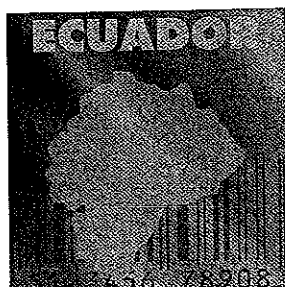
Expansion of EAN

The expansion of the EAN system was mainly in the food sector, and in the cosmetics and chemicals sectors.

ECUATORIANA DE CODIGO DE PRODUCTO - ECOP

Ruiz de Castilla 763 y
Andagoya
Edif. Conde Ruiz de
Castilla
Piso 3, Oficina n°3
QUITO

Tel: 593.2.50.75.80
Fax: 593.2.50.75.84



President: Luiz Alberto SAENZ
Company: SUPERMAXI
Chief Executive: Fausto REYES
Executive Staff:

Jorge BAJANA - Technical Assistant
Nancy CALAHORRANO - Designer
Mariana CAICEO - Assistant

Publication: BOLETIN ECOP, 4/year

Membership

At the end of 1995, ECOP had 1,229 members, a 21.68% increase over last year. A total of 739 manufacturer numbers had been allocated.

Key achievements

During 1995, ECOP aimed to raise bar code printing quality in Ecuador.

Expansion of EAN

ECOP continued introducing and promoting the use of the EAN system for pharmaceutical products in laboratories, for distributors of medicines and drugstores. It forecasts a wide application of the EAN/UCC 128 code in the industrial and distribution sectors.

ESTONIAN CHAMBER OF COMMERCE AND INDUSTRY - EAN ESTONIA

17 Toom-Kooli Street
EE 0001 TALLINN

Tel: 372.2.44.34.82
Fax: 372.2.44.36.56



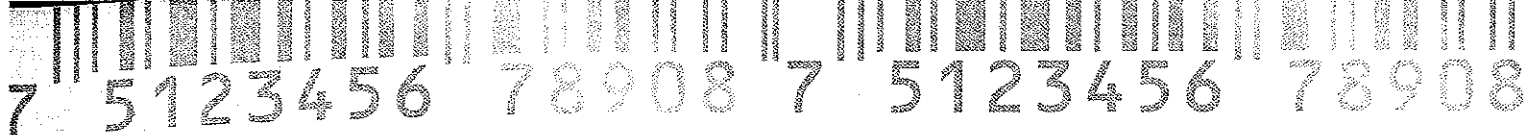
President: Viljar VESKIVALI
Company: Confederation of Estonian Industry
Chief Executive: Raivo Rits - Executive Secretary
Executive Staff: Hille HARJAK - Secretary

Membership

At the end of 1995, EAN ESTONIA had 153 members, a 45.71% increase over last year. A total of 153 manufacturer numbers had been allocated.

Expansion of EAN

EAN ESTONIA has increased the use of the EAN system in the non-food areas such as publishing of books and reproduction of sound recording.



**THE CENTRAL
CHAMBER OF
COMMERCE
OF FINLAND
(EAN
FINLAND)**

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00101 HELSINKI

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Fax: 358.0.65.03.03
E-Mail:
svengustaf.lindroos@wtc.fi



President: Jon DIDRICHSEN
Company: Oy TRANS-MERI AB
Chief Executive: Sven-Gustaf LINDROOS
Executive Staff: Eeva Niininen - Secretary

Publication: EAN-INFO, 2/year

Membership

EAN Finland has no individual members, but 11 user organisations. A total of 3,008 manufacturer numbers had been allocated by end 1995.

Key achievements

EAN FINLAND concentrated this year on the implementation of application identifiers in different sectors, and the implementation of the EAN-label. It also was engaged in a market data project with A.C. Nielsen.

Expansion of EAN

During the year, various new sectors began using the EAN system in Finland, amongst others: heating, plumbing and air-conditioning, electricity, health care, metal industry, and returnable assets in different sectors.

EDI

CCC participates in the Finnish Data Communications Association (FDCA). FDCA promotes the development and use of EDI and EANCOM in Finland through its participation in the EDIFACT message development groups in Europe and its association with other international standards bodies such as ISO. At the end of 1995 there were 750 users exchanging messages with 800 expected by the end of 1996.

**GENCOD EAN
FRANCE**

13 Bd Lefebvre
75015 PARIS

Tel: 33.1.53.68.05.60
Fax: 33.1.48.28.16.81



Presidents: Philippe LEMOINE - Jacques de PASTORS
Company: GALERIES LAFAYETTE - GENFA
Chief Executive: Thérèse ANGUE
Executive Staff:

Joël DE CLOSMADÉUC - External Relations
Bernard SION - Project Manager
Pierre GEORGET - Technical Manager

Publication: GENCOD Information, 6/year

Membership

At the end of 1995, GENCOD had 18,200 members, a 11.66% increase over last year. A total of 35,000 manufacturer numbers had been allocated.

Key achievements

During the year, GENCOD worked on the setting up of working parties and writing of EANCOM Guidelines and user profiles for furniture and domestic appliances and building materials. They also brought out new manuals: Guide to EAN Bar-coding and Guide to paperless invoice and conceived a Video with Coca Cola France on the EAN 128 label.

Expansion of EAN

The main expansion of the EAN system was recorded in furniture, catering and in the packaging industry.

EDI

In 1974 GENCOD began developing the EDI GENCOD language which covers a variety of trade functions, and had approximately 3500 users registered at the end of 1995. The use of EANCOM in France has shown steady growth in 1995 with 500 users registered, an increase of 67% on 1994, and 1,300 estimated before the end of 1996.

**CENTRALE FÜR
COORGANISATION
- CCG**

Spichernstrasse 55
50672 KÖLN

Tel: 49.221.5749.02
Fax: 49.221.5749.159
E-Mail:
admjn@ccg.joker.com



President: Burkhard C. ENGBERG
Company: DEUTSCHE UNILEVER GMBH
Chief Executives: Karlheinz HAGEN - Director, Horst FÖRSTER - Director
Executive Staff:
Günter WAGENER - Division Manager ID Systems
Karl SCHULTE - Division Manager EDI
Rudolf BEHRENS - Division Manager Logistics

Publication: COORGANISATION, 4/year

Membership

At the end of 1995, CCG had 56,063 members, a 36.74% increase over last year. All members are location number owners. A total of 18,663 manufacturer numbers had been allocated.

Key achievements

During the year, CCG focused mainly on ECR and EDI, and also worked on establishing an Article Numbering Database and a Location Number Database.

Expansion of EAN

During 1995, the use of Location Numbering and EAN 128 increased continuously in the transport sector. The use of Article Numbering and EDI improved again in the textile and press sectors, for furniture, and sanitary goods. First step were taken towards the health care sector.

EDI

A major activity of CCG is the promotion of EDI and EANCOM in the German market by means of explanatory brochures, SEDAS to EANCOM migration conversion tables, the translation of EANCOM into German, and the organisation of four seminars per year. At the end of 1995 there were 430 users of SEDAS, 266 users of SINFOS and 260 users of MADAKOM with 450, 360 and 275 users respectively expected by the end of 1996. CCG with the support from the EU Commission TEDIS program launched a SEDAS/EANCOM migration project in early 1993. At the end of 1995 there were 230 users with 350 expected by the end of 1996.

**HELLENIC
CENTRE OF
ARTICLE
NUMBERING
S.A. - HELL
C.A.N.**

5 Aghiou Dimitriou
Squ. &
2 Diom. Kyriakou Str.
145 62 KIFISSIA,
ATHENS

Tel: 30.1.8017.224
Fax: 30.1.8019.156



President: I. VAKIRTZIS
Company: CONTROLGRAPH
Chief Executive: Fouli DIMOU GEORGAKOPOULOS
Executive Staff:
Sofia MOSCHOU - Director
Miranda YAKOUMAKIS - Administrative Executive
George DIMITRAKOPOULOS - Technical Executive

Publication: Grammes, 3/year

Membership

At the end of 1995, Hellcan had 1,564 members, a 15.34% increase over last year. A total of 1,700 manufacturer numbers had been allocated.

Expansion of EAN

The new sectors of activity in which the EAN system has expanded include the Hellenic Duty Free Shops and the Greek Air Force Supermarkets used only by Air Force Units & personnel for their supplies (consumer goods).

EDI

In 1993 a cross sectorial EDI awareness centre (EDIGRAC) was established with funding from the EU Commission TEDIS program. HELLCAN have actively promoted awareness of and the use of EANCOM not only to its members but also to other interested sectors. At the end of 1995 there were estimated to be 80 users of EANCOM in Greece.

**HONG KONG
ARTICLE
NUMBERING
ASSOCIATION
- HKANA**

23/F Unit B
United Centre
95 Queensway
HONG KONG

Tel: 852.2.861.28.19
Fax: 852.2.861.24.23
E-Mail:
hkanedi@ibm.net



President: Russell STUCKI
Company: Park'N Shop Ltd
Chief Executive: Anna LIN
Executive Staff:
Debbie NG - Technical Services Manager
K. K. SUEN - EDI Manager

Publication: HKANA NEWS, 4/year

Membership

At the end of 1995, HKANA had 1,502 members, a 11.09% increase over last year. A total of 1,949 manufacturer numbers had been allocated.

Key achievements

During the year, HKANA launched its industry's EDI Service - EZ*TRADE which enables retailers, manufacturers and distributors to conduct electronic trading with their local and international trading partners using EANCOM standards, and also inaugurated the low cost EDI start-up software - 'TRENDS' to enable SME companies to implement EDI in a cost-effective manner. 'TRENDS' also incorporates computer-based-training (CBT) module to allow self-learning by the users.

EDI

In May 1995 HKANA launched their EDI Service, EZ*Trade. By the end of 1995 there were 31 companies using EANCOM in Hong Kong with the number expected to rise rapidly to 200 by the end of 1996. The HKANA EDI Service aims to provide a complete package to potential and existing users which includes high quality, good value network services and help desk, a range of good value end user software, a single contact point for queries concerning international trade, and training and advice.

**HUNGARIAN
ASSOCIATION
OF PACKAGING
AND MATERIALS
HANDLING
- HPMA**

Rigo u.3
1085 BUDAPEST

Tel: 36.1.113.7034
Fax: 36.1.133.8170



President: Istvan DEBRECZENY
Company: DUNAPACK Ltd
Chief Executive: George VISZKEI
Executive Staff:
Judit SZIRMAYNE KOVACS - Executive Officer
Endr  n   SZEBENI - Executive Assistant

Publication: EAN HIREK, 4/year

Membership

At the end of 1995, HAPM had 1,740 members, a 28.70% increase over last year. A total of 1,740 manufacturer numbers had been allocated.

Key achievements

In 1995, HAPM released its newsletter EAN Hirek, as well as the new revised manual including EANCOM. It also extended symbol testing service.

Expansion of EAN

The medical sector pushed by the social security is increasingly adopting EAN coding. A big expansion was noted in the book sector, and large retail chains decided the full implementation of EAN scanning.

EAN ICELAND

ICETEC
Keldnaholt
IS - 112 REYKJAVIK

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Fax: 354.587.74.09
E-Mail:
oskarbh@ifi.is



President: Vilhjalmur EGILSSON
Company: ICELAND CHAMBER OF COMMERCE
Chief Executive: Oskar B. HAUKSSON
Executive Staff:
Soffia VERNHARDSDOTTIR - Financial Manager
Bjorn JOHANNSSON - Market Data Service
Ingibjorg M. BERGMANN - Information Manager

Publication: Vidiskiptavakinn - 3-4/year

Membership

At the end of 1995, EAN Iceland had 438 members, a 13.18% increase over last year. A total of 458 manufacturer numbers had been allocated.

Key achievements

During the year, EAN Iceland concluded an agreement with the Icelandic Health Authorities, and also hosted the EAN International General Assembly.

Expansion of EAN

The Icelandic health authorities have endorsed the use of EAN location codes in the public health service. Packaging companies have decided to use EAN-128 for the marking of pallets.

EDI

As a result of co-operation between EAN Iceland and ICEPRO, EANCOM is today the national EDI standard for Iceland. EAN Iceland also maintains close links with the EDI association in the promotion of EDI across all sectors of Icelandic industry. One of the major activities undertaken by EAN Iceland in 1995 was the promotion of EDI through articles in trade magazines, and training/information seminars. At the end of 1995 there were 60 users of EANCOM with 120 expected by the end of 1996.

EAN INDIA

C/o Indian Institute
of Packaging
E-2, MIDC, Andheri (E)
BOMBAY 400093

Tel: 91 22 821 9803
Fax: 91 22 8375302



President: U. S. BHATIA
Company: M.O.C. Govt. of Indi
Chief Executive: P.V. NARAYANAN (honorary)
Executive Staff:
A. A. JOSHI - Jt Director (honorary)
P. PRABHAKARAN - Dy Director(honorary)
N.C. SAH - Dy Director(honorary)

Membership

At the end of 1995, EAN INDIA, who joined EAN International during the year, had 14 members.

Key achievements

During its first year, EAN INDIA, having set up its organisation, held 3 workshops on Bar Coding in Delhi, Bangalore and Bombay.

EAN INDONESIA

c/o CODEX
UNIVERSALIS
FOUNDATION
JL. R.P. Suroso No 26
10350 JAKARTA

Tel: 62.21.325.800
Fax: 62.21.310.3357

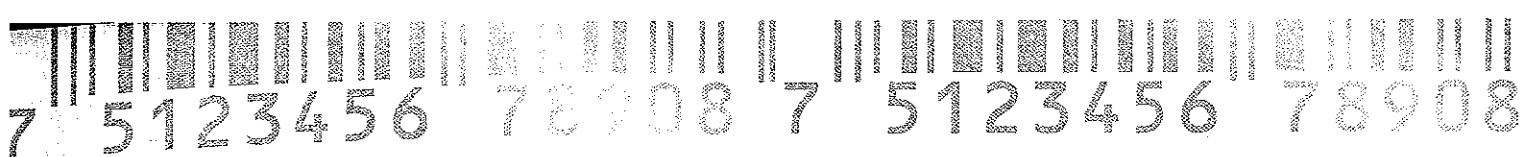


President: Kusudiarso HADINOTO
Company: INDONESIA ELECTRIC CABLE MANUFACTURER
Chief Executive: Suharnoko HARBANI
Executive Staff:
Ibnu UTOMO - Executive Secretary
Mohammad RIEVAI - Administration
Lilies AISYAH - Communication Services

Publication: Berita BAR CODE, Bi-Annual

Membership

At the end of 1995, EAN INDONESIA had 99 members, a 115.22% increase over last year. A total of 99 manufacturer numbers had been allocated.



Key achievements

EAN INDONESIA organised comprehensive seminars/conferences on bar code, enhanced its service to members and prospective members, and created working groups to promote the EAN system. Translation and publishing "Introduction to EDI", and "Introduction to Bar Code" was also completed.

Expansion of EAN

Textile industry (garment), pharmaceutical industry, medical service industry, electronic industry, stationery industry.

EDI

In 1995 EAN Indonesia continued its work in promoting EDI awareness among its member companies. This was carried out through the creation of a working group to specifically address the retailing, wholesaling, distribution and transport sectors, via the publication of bulletins and manuals detailing all aspects of EDI and EAN-COM. In May 1995 EAN Indonesia organised the first EDI conference in Indonesia which was attended by approximately 100 people.

EAN IRAN

C/o Institute for Trade
Studies and Research
ITSR Building
240 North Kargar St.
TEHRAN

Tel: 98.21.920.781
Fax: 98.21.927.236



President: Mohammad NAHAVANDIAN

Company: Institute for Trade Studies and Research/Iran
Chamber of Commerce, Industries and Mines.

Chief Executive: Mr Seyed Ali REZA CHERAGHI

Executive Staff: Dr Ramin SALEHKHOO - Legal Advisor

Membership

EAN IRAN joined EAN International early 1996.

ARTICLE NUMBER ASSOCIATION OF IRELAND - ANAI

IRISH BUSINESS AND
EMPLOYERS
CONFEDERATION
Confederation House
84/86 Lower
Baggot street
DUBLIN 2

Tel: 353.1.6051534
Fax: 353.1.6601717



President: Pat MORONEY

Company: POWER SUPERMARKETS Ltd

Chief Executive: Tommy McCABE

Executive Staff:

Brendan KERNAN - Technical Specialist

Maeve McBRIDE - Secretariat

Jennifer McSHANE - Secretariat

Publication: ANAI News, 3/year

Membership

At the end of 1995, ANAI had 1,425 members, a 11.50% increase over last year. A total of 1,357 manufacturer numbers had been allocated.

Key achievements

Launch of Code of Practice for EDI Service Providers. Launch of Notes for Guidance on coupon, recommended best practice. EAN/UCC-128 Technical workshop, Transport Sector Workshop in conjunction with the Irish Freight Distribution Association. EDI Workshop focusing on the future of EDI on an International level.

Expansion of EAN

During the year, the targeted industries for the promotion of EAN Numbering systems were Health Care and Forecourt retail in particular.

5123456 78908 7 5123456 78908

EDI

At the end of 1995 there were 200 EANCOM users in Ireland with this number expected to increase to 250 by the end of 1996. The emphasis for the EDI committee in 1996 will be a consolidation of EDI usage in Ireland through an increase in the number of messages used in the retail sector. Of particular interest to the committee is the development of a data model of the commercial cycle and also the expansion of the use of the EANCOM messages into the health, transport, and finance sectors where they relate to the retail sector.

ISRAEL CODING ASSOCIATION - ICA

Industry House
29 Hamered Street
TEL-AVIV 61500

Tel: 972.3.519.8839
Fax: 972.3.516.2082



President: D. FRANKLIN
Company: SUGAT 1967 Ltd.
Chief Executive: Sigal BLATT
Executive Staff: Paz ECKSTIEN

Membership

At the end of 1995, ICA had 2,164 members, a 24.51% increase over last year. A total of 3,564 manufacturer numbers had been allocated.

Key achievements

EDI Project: Since May 1995, a pilot is being conducted for the implementation of EDI in Israel.

EDI

ICA began their EDI activities by defining the business processes between manufacturers and retailers over the last one and a half years. The ICACOM national guidelines of EANCOM were launched in 1994 and pilot testing commenced in 1995. The ICA EDI committee comprises equal representations from both the retail and manufacture sectors.

ISTITUTO NAZIONALE PER LA DIFFUSIONE DELLA CODIFICA DEI PRODOTTI - INDICOD

Via Serbelloni 5
20122 MILANO

Tel: 39.2.795994
Fax: 39.2.784373



President: Luigi BORDONI
Company: CENTROMARCA
Chief Executive: Roberto BUCANEVE
Executive Staff:

Andrea BOI - New Projects Development Manager
Enrico BARAGGIONI - Technical Executive

Publication: TENDENZE, 5/year

Membership

At the end of 1995, INDICOD had 17,510 members, a 1.54% increase over last year. A total of 16,900 manufacturer numbers (active) had been allocated.

Key achievements

During the year, INDICOD concentrated on the relation Industry-distribution and encompassed education and training initiatives. It also provided vital support to ECR Italia in the developments of its supply chain and EDI projects.

Expansion of EAN

The sectors targeted were transport and health care. With the rapid expansion of the ECR projects, the EAN pallet label is gaining importance.

EDI

INDICOD launched the EDICOMM EANCOM project in the beginning of 1991. At the end of 1995 there were 150 users with 240 expected by the end of 1996. The main objectives of the project are twofold, the promotion of the EANCOM concept, and EANCOM education/training.

**DISTRIBUTION
CODE CENTER
- D.C.C.
- JAPAN**

The 3rd TOC-Bldg 7-23-1
Nishi-Gotanda,
Shinagawa-Ku
TOKYO #141

Tel: 81.3.3494.4029
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E-Mail:
kyk00555@niftyserve.or.jp



President: Shinzou AOKI
Company: THE DISTRIBUTION SYSTEMS RESEARCH INSTITUTE
Chief Executive: Kyosuke ASANO - Executive Director
Executive Staff:

Kozo ONO - General Manager
Makoto SATO - General Manager
Seiichi SAITO - Assistant General Manager
Hitomi SEKIKAWA - Chief Researcher
Hideki ICHIHARA - Researcher

Publication: DCC News (Japanese) - 2/month, SCAN News JAPAN (English) - 1/year

Membership

At the end of 1995, had 81,993 members, a 7.02% increase over last year. A total of 81,993 manufacturer numbers had been allocated.

Key achievements

D.C.C. JAPAN further developed its product catalogue: JIFCS (POS code master), improved its RDS (Scan data service) and continued promoting the ITF code.

Expansion of EAN

During the year, the EAN system was extended in the textile, DIY, houseware goods and related fishing goods sectors.

EDI

In June 1993 DCC established a study committee to research all matters related to EDI in Japan, it consist of representatives from trade associations in Japan representing the DCC membership and is currently actively promoting EDI standardisation. In April 1995 the DCC EANCOM Development Project was launched. By the end of 1995 there were 10 users from the distribution sector using the EANCOM Invoice and Purchase Orders messages with 40 expected by the end of 1996.



**LATVIAN
CHAMBER OF
COMMERCE
AND INDUSTRY
BUREAU - EAN
LATVIA**

21 Brivibas Blvd
RIGA LV-1849

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Fax: 371.7.82.00.92
E-Mail:
chamber@lcc.org.lv



President: Ivars KALVISHKIS
Company: LAIMA Join Stock Company
Chief Executive: Liene SHAURINA - Secretary General

Membership

At the end of 1995, had 70 members, a 75% increase over last year. A total of 77 manufacturer numbers had been allocated.

Key achievements

EAN Latvia started a symbol testing service to improve printing quality and held 4 training seminars through the country. It also contributes regularly to the Latvian Chamber of Commerce and Industry "Newsletter" about article numbering and EAN activities.

Expansion of EAN

The introduction of the EAN system was further pursued in packaging: introduction of Trade Unit Identification & EAN128. There has been interest expressed by the wholesalers to use bar codes for controlling the flow of goods.

**ASSOCIATION
OF LITHUANIAN
CHAMBERS OF
COMMERCE
AND INDUSTRY
- EAN LITHUANIA**

V. Kudirkos 18
2600 VILNIUS

Tel: 370.2.61.45.32
Fax: 370.2.22.26.21

E-Mail:
lppra@post.omnitel.net



President: Vincas BABILIUS

Company: SKAITEKS

Chief Executive: Vytautas JUSKAITIS - Executive Secretary

Membership

At the end of 1995, EAN LITHUANIA had 108 members, a 237.5% increase over last year. A total of 103 manufacturer numbers had been allocated.

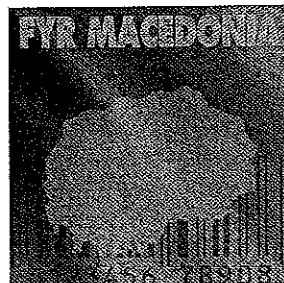
Expansion of EAN

During the year, EAN LITHUANIA contributed to the EAN system, and article numbering in particular, expanding in the non-food areas such as textile and chemicals.

**ECONOMIC
CHAMBER OF
MACEDONIA
- EAN MAC**

Dimitrie Cupovski13
P.O. Box 324
91000 SKOPJE

Tel: 389.91.11.80.88
Fax: 389.91.11.62.10



President: Snezana IVANOVSKA

Company: AD PIVARA

Chief Executive: Aco SPASOVSKI

Executive Staff:

Danica PETROVIC - Coordinator

Danica FIDANOVSKA - Independent Official

Membership

At the end of 1995, EAN MAC had 95 members, a 66.67% increase over last year.

Expansion of EAN

During the year, EAN MAC encouraged the implementation of the EAN system in the retail trade especially using new scanning technology and also in the production, wholesalers and health care sectors.

**MALAYSIAN
ARTICLE
NUMBERING
COUNCIL
- MANC**

c/o FEDERATION OF
MALAYSIAN
MANUFACTURERS
17th Floor, Wisma
Sime Darby
Jalan Raja Laut
50350 KUALA
LUMPUR

Tel: 60.3.293.12.44
Fax: 60.3.293.26.81



Chairman: Paul LOW

Company: MALAYSIAN SHEET GLASS BERHAD

Chief Executive: Keok Yin TAN

Executive Staff:

Soo Keun AU - Country MANAGER

Rozilawati HASSAN - Executive

Sharon LAW - Senior Secretary

Penny ONG - Secretary

Publication: MPN Newsletter, 4/year

Membership

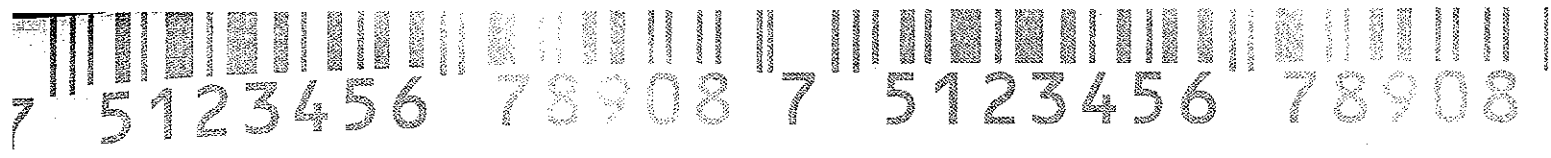
At the end of 1995, MANC had 840 members, a 15.7% increase over last year. A total of 915 manufacturer numbers had been allocated.

Expansion of EAN

The recording (music) industry asked its members, who are manufacturers and distributors of music tapes, to implement EAN bar codes for the purpose of tracking top hits in the country.

EDI

MANC sits on the Malaysian EDI Purchasing Work Group which is responsible for the development of EDI messages for retail, distribution, and manufacturing sectors. Currently the Malaysian EDI Committee is considering the adoption of EANCOM as the national standard for the retail and distribution sector.



ARTICLE NUMBERING ASSOCIATION - MANA

C/o Malta
Federation of
Industry (MFOI)
Development House
St Anne's Street
FLORIANA VLT 01

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Fax: 356.240.702
E-Mail: john-
scicluna@fol.ccmil.
compuserve.com



Chairman: Vincent FARRUGIA
Chief Executive:
John SCICLUNA
Mariella CASSAR - Executive

Publication: MANA Newsletter, 3/year.

Membership

At the end of 1995, MANA had 83 members, a 40.68% increase over last year. A total of 70 manufacturer numbers had been allocated.

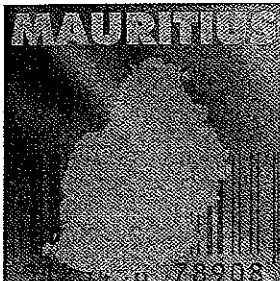
Key achievements

During the year, MANA increased its promotional activities by encouraging the use of EAN numbering and bar coding applications and distributing promotional/information leaflets on EAN standards and applications to all members.

EAN MAURITIUS

3 Royal Street
PORT-LOUIS

Tel: 230.208.3301
Fax: 230.208.0076
E-Mail:
mupor1cc@ibnet.com



President: Antoine Louis HAREL
Company: HAREL MALLAC & Co Ltd
Chief Executive: Jean-Claude MONTOCCHIO, Secretary General
Executive Staff: Faeenza IBRAHIMSAH, Assistant

Membership

At the end of 1995, EAN MAURITIUS, who joined EAN International late 1994, had 112 members. A total of 104 manufacturer numbers had been allocated.

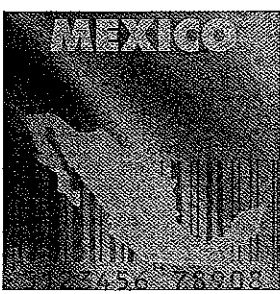
Expansion of EAN

As the bar coding system is new in Mauritius, most manufacturers apply EAN bar codes on their products only. Apart from the manufacturing sector, there is no major development in other sectors in the country.

AMECOP, A.C.

Av. Horacio 1855-6to
plso
Col. Chapultepec
Morales
11570 MEXICO, D.F.

Tel: 52.5.395.20.44
Fax: 52.5.395.20.38
E-Mail:
amecop@aol.com



President: Daniel SERVITJE
Company: Grupo Industrial BIMBO
Chief Executive: Lourdes SANCHEZ DE LA VEGA
Executive Staff:

Antonio SALTO TOLOSA - Technology Manager
Gabriela SANCHEZ ARCOS - Public Relations Manager
Rosi M. LUMSDEN - Manager Member Services
Gilberto CASTRO ALARCON - Finance and Admin. Manager

Publication: Revista AMECOP, 6/year

Membership

At the end of 1995, AMECOP had 9,826 members, a 17.61% increase over last year. A total of 10,038 manufacturer numbers had been allocated.

Key achievements

Identimex '95. Several EDI seminars were held during the year, each having more than 200 attendees.

Expansion of EAN

Government sector is expanding use of product identification. Other areas include phone services, oil and gas industry. Use of EDI is growing in the mass merchandising/department store area, as well as in the banking industry.

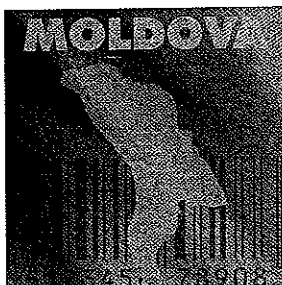
5123456 78908 7 5123456 78908

EDI

In Mexico AMECOP started an EDI project using the ANSI X-12 standards in 1994 which by the end of 1995 had approximately 450 users. Forecasts for 1996 indicate that this figure will rise to 500. Two committees in AMECOP control and promote the use of EDI in Mexico, the technical committee composed of hardware and software suppliers, and the user committee with companies from the retail and industrial sectors. AMECOP maintains close links with the Uniform Code Council (UCC). There are about 600 companies using EDI in Mexico.

**EAN
MOLDOVA**
63 Kogalniceanu Stz.
277014 Kishinev

Tel: 373.2.44.32.53
Fax: 373.2.44.01.19



President: Eugen STASHKOV

Company: State agency on Industrial Property Protection

Chief Executive: Galina BYRSANU - General Director

Executive Staff:

Alexandr BARTSALKIN - Technical Manager

Elena MADAN - Financial Manager

Publication: EAN MOLDOVA News, 2/year

Membership

At the end of 1995, EAN MOLDOVA, who joined EAN International during the year, had 34 members. A total of 39 manufacturer numbers had been allocated.

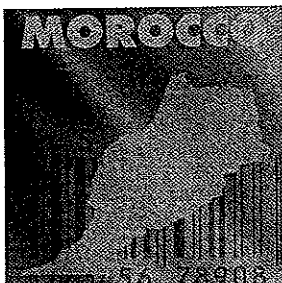
Expansion of EAN

The expansion of the EAN system was mainly in the food sector. EAN MOLDOVA has started to take steps to expand this into non-food industries, especially in the apparel and pharmaceutical sectors.

EAN MAROC

11 Boulevard
Emile ZOLA
Appt 17
20300 CASABLANCA

Tel: 212.2.44.73.50
Fax: 212.2.44.73.31



President: Driss FILAL

Company: COFARMA Holding

Chief Executive: Jamal HAMDOUCH

Executive Staff:

Mohamed AOUAD - Executive Manager

Wafaâ ENNASR - Secretary

Membership

At the end of 1995, EAN MAROC had 69 members, a 25.45% increase over last year. A total of 60 manufacturer numbers had been allocated.

EAN NEDERLAND

Tourniairestraat 3
Postbox 90445
1006 KK
AMSTERDAM
Tel: 31.20.511.38.20
Fax: 31.20.511.38.30



President: I.J. VOS

Company: SCHUIITEMA NV

Chief Executive: J. Peter GIETELINK

Executive Staff:

Hein GORTER DE VRIES - Deputy Executive Manager

Piet J. MUNSTERMAN - Secretary/Market Development Manager

Maarten L. KOENS - Manager EDI

Guido J. DONKERSLOOT - Manager EAN Code System

Marianne VAN DER HEIDE - Manager Communications

Hans HOOGVELD - Mgr Membership Admin & Internal Organisation

Publications: Scanner, 4/year, EAN Support 3/year, EDI Support, 3/year

Membership

At the end of 1995, EAN NEDERLAND had 3,348 members, a 11.60% increase over last year. A total of 2,890 manufacturer numbers had been allocated.

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Expansion of EAN

In 1995 new sectors implemented the EAN system with the support and guidance of EAN Nederland, the PRICAT message was introduced in the electrotechnical and sanitary sector, and a common interest for EDI/EANCOM was achieved in the non-food retail (fashion excluded). The EAN standards were used in an original and innovating way for the EDI-VIS project at the Urk Fish Auction. Urk fishing cutters give fish a unique EAN code according to type, size and quality and transmit EANCOM messages to the auction by satellite.

Key achievements

In the transport sector shippers and logistic service providers work together in an EAN project to use the transport message IFTMIN and IFTSTA, the SSCC and the EAN transport label. In the health care sector TELG/LEDI (Logistic EDI in health care) agreed to cooperate with EAN NEDERLAND in the field of user profiles.

EDI

In 1991 a project was launched to migrate the TRANSCOM trade messages to EANCOM. This project has been extremely successful and in 1995 the users of EANCOM were numbered at 1,500 with 1,800 forecasted by the end of 1996. EAN NEDERLAND is currently undertaking to provide user group profiles of EANCOM messages which provide specific notes on the use of EANCOM messages in specific environments.

EAN NEW ZEALAND

35-37 Victoria Str.
P.O. Box 11-110
WELLINGTON

Tel: 64.4.499.4838
Fax: 64.4.499.4870



President: Charles S. PETERSON

Company: CSP International Ltd.

Chief Executive: Barry HOUSTON

Executive Staff:

Pauline BODDINGTON - Manager Systems & Administration

Alan CARLSEN - Business Support Manager

Owen DANCE - Technical Services Manager

Publication: EAN News, 4/year

Membership

At the end of 1995, EAN NEW ZEALAND had 3,138 current financial members (excluding cancelled members), a 7.72% increase over last year. A total of 3,158 manufacturer numbers (active only) had been allocated.

Key achievements

A consumer and despatch unit measuring and weighing prototype system (incorporating bar code specification) was established. New Zealand Railways (Tranz Rail) adopted the SSCC as the basis for their track and trace system. The member 'product type' classifications were re-categorised in accordance with Australia and New Zealand. EAN NEW ZEALAND facilitated the agreement by the major supermarket chains to use EAN 128 on despatch units, specifically product identification, use-by-date and batch number.

Expansion of EAN

Pharmaceutical manufacturers and hospitals want to use the EAN system to identify ethical drugs. Freight transporters want to identify freight using the EAN system to enable automatic data capture. Users want couriers to use the EAN system for identifying parcels.

EDI

EAN New Zealand, through its involvement with the Electronic Commerce Australia, ECA, actively promotes the use of EDI in New Zealand through a campaign of EDI, and particularly EANCOM awareness.

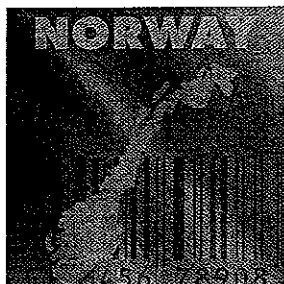


EAN NORGE

Spireaveien 6
0580 OSLO

Tel: 47.22.65.10.00
Fax: 47.22.65.56.21

E-Mail:
berit.meidell-
andersen@ean-
norge.telemax.no



Chairman of the Board: Bjorn NYMOEN

Company: NORGESGRUPPEN

Chief Executive: Evelyn JOHANSEN to 04/10, Gunnar SUNDEM from 05/10

Executive Staff:

Maud SPJELDNEs - Accountant

Berit M. ANDERSEN - Secretary

Randi HAFTORN - EDI Executive

Publication: EAN NYTT, 2-3/year

Membership

EAN NORGE has no individual members, but 5 user organisations. A total of 2,928 manufacturer numbers had been allocated by end 1995.

Expansion of EAN

EAN NORGE encouraged the implementation of the EAN system in the fish, sport, timber & wood industries.

EDI

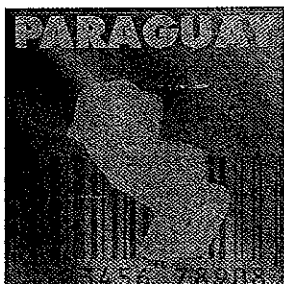
Since 1985 EAN Norge has been the responsible body for the maintenance of the STANDARD RECORDS EDI project. At the end of 1995 there were 2111 users. As this standard is no longer maintained it is hoped that all of its current users will have migrated to EANCOM within the next two to four years. In November 1991 EAN Norge launched an EANCOM project called Norsk EANCOM based on the 1992 version of EANCOM. By the end of 1995 there were 64 users



EAN PARAGUAY

Antequera 611
1er piso
ASUNCION

Tel: 595.21.44.2108
Fax: 595.21.44.5490



President: José Antonio BERGUES

Company: TUBOPAR S.A.

Chief Executive: Hugo Alberto MIGNACO

Executive Staff:

Andrea DAUMAS - Gerente Tecnica

Wildo ESPINOLA - Secretario

Membership

At the end of 1995, EAN PARAGUAY had 66 members, a 312.5% increase over last year. A total of 66 manufacturer numbers had been allocated.

Expansion of EAN

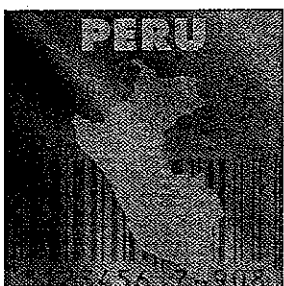
In 1995, the EAN system was further developed in the food industry.



ASOCIACION PERUANA DE CODIGOS - APC

AV. Javier PRADO OESTE
2150 SAN ISIDRO
LIMA

Tel: 51.1.2211000
Fax: 51.1.4400270



President: Erasmo WONG LU

Company: E. WONG S.A.

Chief Executive: Alberto SPARROW ROBLES

Executive Staff: Mary WONG SUEHIRO - Technical Manager

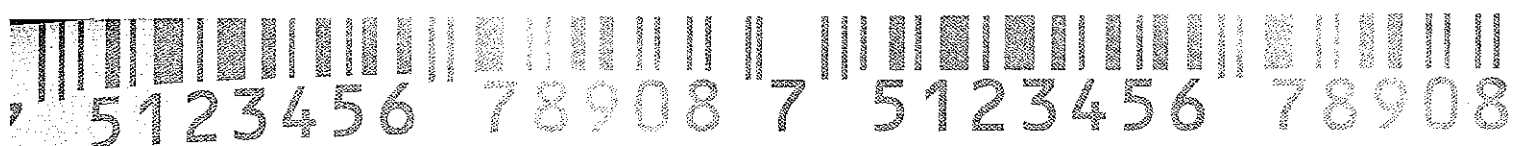
Publication: BOLETIN INFORMATIVO, 4/year

Membership

At the end of 1995, APC had 821 members, a 22.17% increase over last year. A total of 821 manufacturer numbers had been allocated.

Key achievements

During the year, APC strengthened the use of EAN standards in the consumer units sector, and began a quality control process of bar codes directly in retail stores to increase the quality of printed bar codes. It developed new technical support products: "Technical guide for bar code print" and "EAN System: users guide" among others, and organised seminars in Logistics, distribution and quality of printed bar codes.



Expansion of EAN

There has been growing interest for the use of EAN standards, and especially EAN/UCC 128, in the textile sector, for internal control.

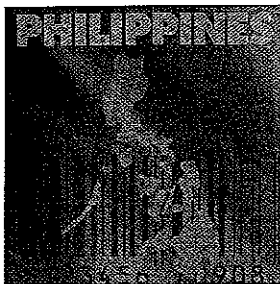
EDI

In August 1995 Asociacion Peruana De Codigos launched its EANCOM project EDI Peru. By the end of 1995 there were already 2 companies using EANCOM with the figure expected to rise to 20 by the end of 1996.

PHILIPPINE ARTICLE NUMBERING COUNCIL - PANC

#20 San Raffle St.,
Bo. Kapitolyo
Passig City

Tel: 63.2.893.28.30
Fax: 63.2.892.46.12



President: José A. ALBERT

Company: PHIL. ASSOCIATION OF SUPERMARKETS Inc. PASI

Chief Executive: Mitos A. TATLONGHARI

Executive Staff:

Teresita D. AGUIRRE - Secretary

Camilo M. TORRES - Messenger/Controller

Leonardo S. SIODENA - Messenger/Controller

Publication: PNC Reporter, 4/year

Membership

At the end of 1995, PANC had 543 members, a 35.75% increase over last year. A total of 543 manufacturer numbers had been allocated.

Key achievements

During the year, PANC introduced the DUN-14 System and released a guideline manual. It also introduced EDI, PANC is a member of Phil. EDI Committee (PEC) and chairs the Purchasing Work Group. Their newsletter PANC Reporter was released.

Expansion of EAN

The EAN system is now being used in the greeting cards & recording industries. The format to be used for both the greeting cards (GC) and recording industries (RI) was finalised after series of meetings, dialogues and seminars conducted (separately & jointly) among GC and RI industries, the retailers & speciality stores, and the vendors (equipment & software suppliers).

EDI

In 1995 PANC started an EDI project which aimed to guide, stimulate and promote the use of EDI in the Philippines. Within the project five working groups were created to examine the subjects of awareness and education, purchasing, technical assessment, financial EDI, transport EDI, and customs EDI.

EAN POLAND

ul. Estkowskiego 6
61-755 POZNAN

Tel: 48.61.527.681
Fax: 48.61.526.376



President: Grzegorz SZYSZKA

Company: INSTITUTE OF LOGISTICS AND WAREHOUSING

Chief Executive: Krzysztof PUCIATYCKI

Executive Staff:

Elzbieta HALAS - Deputy Manager

Anna KOSMACZ-CHODOROWSKA - Public Relation Specialist

Ewa IWICKA - EAN System Specialist

Publication: Logistics, 4/year

Membership

At the end of 1995, EAN POLAND had 3,676 members, a 61.09% increase over last year. A total of 4,269 manufacturer numbers had been allocated.

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**ASSOCIAÇÃO
PORTUGUESA DE
IDENTIFICAÇÃO
E CODIFICAÇÃO
DE PRODUCTOS
- CODIPOR**

Rua Professor
Fernando da
Fonseca 16
Escritórios II
1600 LISBOA

Tel: 351.1.757.62.54
Fax: 351.1.757.05.07



President: Ernesto BECA MOREIRA
Company: Companhia Portuguesa Hipermercados S.A.
Chief Executive: Maria-Luiza CARREIRA
Executive Staff: Humberto ESTRELA - EDI Manager

Publication: CODINFORMA 4/year

Membership

At the end of 1995, CODIPOR had 2,981 members, a 12.79% increase over last year. A total of 3,257 manufacturer numbers had been allocated.

Key achievements

This year, CODIPOR concentrated on training and publications by organising 22 seminars on bar code, 21 seminars on EDI/EANCOM and a national CODIPOR seminar. It also arranged in store scanning tests.

The new EANCOM messages were translated and printed, and the EAN coupon members manual including special guideline user implementation for retail and the study "Pallets in Portugal" were published.

Expansion of EAN

The EAN System is now being implemented in the textile, transport, electrical material and building material sectors.

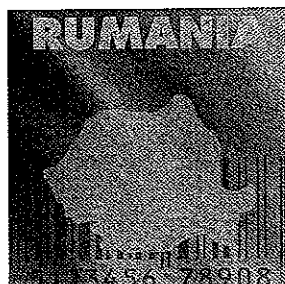
EDI

In 1990, CODIPOR launched its EANCOM project for both national and international EDI. By the end of 1995 there were 100 users (an increase of 400% on 1994) with the number expected to rise to 300 by the end of 1996. The EDI committee of CODIPOR contains representatives of retailers, manufacturers, VAN suppliers, and an electricity supply company.

EAN ROMANIA

13 Mexic Str.
1-St Ward
71206 BUCHAREST

Tel: 40.1.212.13.02
Fax: 40.1.212.18.72



President & Chief Executive: Marcela IOSEP
Company: GENICOD S.R.L.

Executive staff:

Eugenia MARTINOV - Secretary of the council of Administration
Ciprian IOSEP - EDI Manager
Iulian NITESCU - Technical Manager

Publication: EAN ROMANIA-INFO, 2/year

Membership

At the end of 1995, EAN ROMANIA had 59 members, a 63.89% increase over last year. A total of 55 manufacturer numbers had been allocated.

Key achievements

During the year EAN ROMANIA intensified its EAN and EANCOM promotion campaign and became involved in several national committees thus paving the way for intense technical cooperation in 1996.

Expansion of EAN

EAN ROMANIA recorded an expansion of the EAN system in publishing, book shops, textiles and the shoe industry.

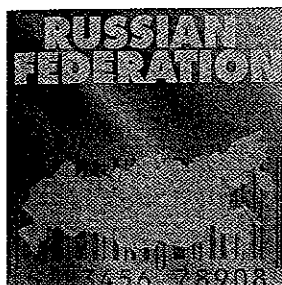
EDI

In January 1996 EAN Romania launched its ROMEANCOM project to promote both the creation of a service company supporting EANCOM and the general development of EDI in Romania. It is forecasted that there will be 10 users of EANCOM in Romania by the end of 1996.

**UNISCAN
- EAN RUSSIA**

P.O. Box 10
117415 MOSCOW

Tel: 7.095.432.49.26
Fax: 7.095.431.08.54



President: Viatcheslav I. TELEGUIN
Chief Executive: George NASONOV - Deputy General Director
Executive Staff:
Alexandre LEANDROV - Technical Manager
Galina ZAITZEVSKAYA - Financial Manager
Helena SHISHOVA - Administrative Assistant

Publication: Uniscan News, 4/year

Membership

At the end of 1995, UNISCAN had 705 members, a 50% increase over last year. A total of 607 manufacturer numbers had been allocated.

Expansion of EAN

During the year the EAN System expanded in the textile, ceramics, pharmaceutical, electronics and health care sectors.



**SINGAPORE
ARTICLE
NUMBER
COUNCIL
- SANC**

SMA House
20 Orchard Road
SINGAPORE 238830

Tel: 65.338.87.87
Fax: 65.338.33.58



President: Robert CHUA
Company: ACE DAKIN (S) Pte Ltd
Chief Executive: Jin Soon TAN
Executive Staff:
Janice KWOK - Executive Secretary
Rosyati MOHD SAID - Executive
Jenna LIM - Clerical Assistant
Joanne KOH - Clerical Assistant

Publication: SANC News, 4/year

Membership

At the end of 1995, SANC had 997 members, a 3.64% increase over last year. A total of 997 manufacturer numbers had been allocated.

Key achievements

During 1995, SANC successfully conducted retail audits on supermarkets in accordance to Singapore guidelines. At the request of EAN member organisations in Asia-Pacific, SANC conducted training workshops for the staff of EAN India, EAN Vietnam, ANCC, MANC, EAN Sri-Lanka and EAN Iran.

Expansion of EAN

SANC promoted the use of the EAN system for car park systems, registration of public housing scheme, the health care industry, and introduced the POS scanning system to the Singapore Postal Authority. The EAN system has been expanded to the cosmetic, stationery and publications industries.

EDI

EANCOM has been adopted for EDI by manufacturers and 2 supermarket chains. In addition, a pilot project was launched to connect 8 small retailers to manufacturers and importers via EANCOM. Its success in 1995/1996 will be used as a model for other small retailers to implement EANCOM. SANC has been very active promoting EANCOM in Singapore as well as in Asia through the UN/Asia EDIFACT Board's Asia-Purchasing Joint Working Group (AS-PWG) They adopted EANCOM for EDI in Asia.

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EAN SLOVAKIA

Predmest'ska Ul. 1
01001 ZILINA

Tel: 42.89.64.18.96
Fax: 42.89.64.18.97
E-Mail:
ean@za.sanet.sk



President: Anton GOGA
Company: SSHR SR BRATISLAVA
Chief Executive: Miroslav STAFFEN
Executive Staff:

Anna HERKELOVA - Commercial Manager
Viera GOCALOVA - Economic Manager
Peter SIMUN - Technical Assistant

Publication: ZBORNÍK, 1/year

Membership

At the end of 1995, EAN SLOVAKIA had 839 members, a 109.23% increase over last year. A total of 839 manufacturer numbers had been allocated.

Key achievements

During the year, EAN SLOVAKIA concentrated on the promotion of the EAN system, and training of its members. It also prepared for the change of its legal entity.

Expansion of EAN

EAN SLOVAKIA began close co-operation on EDI with the banking sector. One of its establishing members, the Slovak National Clearing Centre, supports the expansion of EDI/EANCOM/EDIFACT in the bank sector.

EDI

In December 1995 EAN Slovakia launched its EANCOM project 'Elektronická Vymena Udajov'. It is estimated that by the end of 1996 there will be 20 users of EANCOM in Slovakia.

SLOVENIAN ARTICLE NUMBERING ASSOCIATION - SANA

WTC LJUBLJANA
Dunajska 156
61000 LJUBLJANA

Tel: 386.61.188.13.50
Fax: 386.61.168.83.12
E-Mail:
kogovsek@hq.gzs.si



President: Cvetana RIJAVEC
Company: FRUCTAL
Chief Executive: Franc KOGOVSEK
Executive Staff: Lili BAHORIC - Assistant Secretary

Publication: EAN SLOVENIA, 3/year

Membership

At the end of 1995, SANA had 1,758 members, a 48.35% increase over last year. A total of 1,720 manufacturer numbers had been allocated.

Expansion of EAN

During the year SANA encouraged the implementation of the EAN-13 Bar-coding for products with variable weight as well as the trade and transport unit bar coding

EDI

In January 1995 SANA founded an EDI Facilitating Center in its offices and created an EANCOM project called the Petrol User Group. By the end of 1996 it is estimated that there will be 20 users of EANCOM in Slovenia.

SOUTH AFRICAN NUMBERING ASSOCIATION - SAANA

P.O. Box 41417
CRAIGHALL 2024

Tel: 27.11.447.61.10
Fax: 27.11.447.41.59

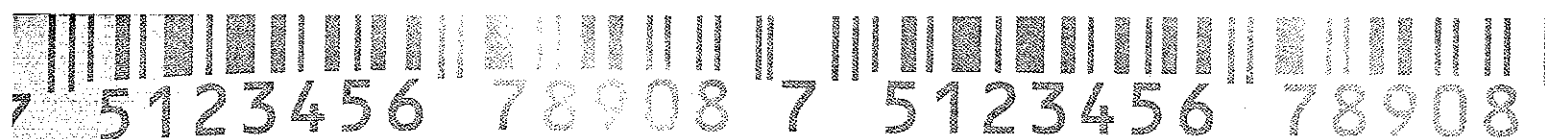


Chairman: S.U.M. MARTINENGO
Company: SHOPRITE CHECKERS
Chief Executive: R. M. PEARCEY

Publication: SAANA Newsletter, 4/year

Membership

At the end of 1995, SAANA had 4,918 members, a 16.02% increase over last year. A total of 4,818 manufacturer numbers had been allocated.



Key achievements

SAANA assured the expansion of the EAN standards in the horticultural sector

Expansion of EAN

The paper industry and postal authority are reported to be using the EAN system.

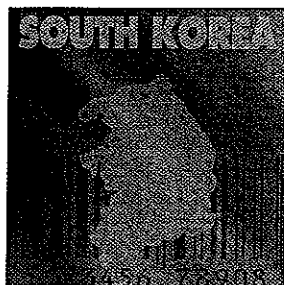
EDI

At the end of 1988 SAANA launched the SAANA EDI Standards using SAANA formats and the EDIFACT syntax. At the end of 1995 there were approximately 200 users with 250 expected by the end of 1996. In 1995 SAANA was instrumental in having EANCOM adopted as the South African EDI standard through the South African Bureau of Standards.

EAN KOREA

Room 1111, Textile
Center B/D
944-31 Daechi-
3dong, Kangnam-ku
SEOUL

Tel: 822.528.5454
Fax: 822.528.5450



President: Kim SANG HA

Company: KOREAN CHAMBER OF COMMERCE AND INDUSTRY

Chief Executive: Jai-Ho HYUN

Executive Staff: Tong-Joon PARK - General Manager

Publication: KAN News, 4/year

Membership

At the end of 1995, EAN KOREA had 3,349 members, a 36.69% increase over last year. A total of 3,287 manufacturer numbers had been allocated.

Key achievements

EAN KOREA began the first test on Scan Data Service in July. 47 stores of 11 major retailers operating POS system joined and supplied their sales data. EAN KOREA provided a KAN product database containing the description of about 40,000 items to user companies, developed 3 EDI messages and published Korean version of EANCOM manual. The UCC/EAN-128 code was adopted as Korean Standard.

EDI

In March 1993 KANC launched the project EANCOM - Korea to develop national guidelines for the use of EANCOM. EAN Korea's EDI Committee has been designing draft messages for the distribution sector using EANCOM as basis and submits these to the Korean EDIFACT Committee for examination and approval. At the end of 1995 there were 398 users of EANCOM in Korea with 700 estimated by the end of 1996.

ASOCIACION ESPANOLA DE CODIFICACION COMERCIAL 087 - AECOC

Calle Mallorca 288
08037 BARCELONA

Tel: 34.3.207.53.62
Fax: 34.3.459.21.52



President: Federico RIERA - MARSÀ

Chief Executive: Jose Maria BONMATI

Executive Staff:

Gabriel IZARD - Technical Director

Alejandro SANCHEZ COLL - EDI Director

Rafael MIQUEL - Marketing Director

M. HERNANDEZ DE LORENZO - Administrative Manager

Publication: CODIGO 84 - 12/year, AECOC Info - 6/year, AECOC FARMA - 4/year, AECOC EDI - 4/year.

Membership

At the end of 1995, AECOC had 10,293 members, a 9.42% increase over last year. A total of 10,144 manufacturer numbers had been allocated.

Key achievements

During the year, AECOC worked in close collaboration with the health sector companies, and assured permanent assessment and control in all label manufacturing companies.

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Expansion of EAN

In 1995 hospital and health care were the most interested sectors in applying the EAN standards (EAN label and EDI). The Spanish DIY sector had in 1995 an important expansion in the number of members and users. The "Agencia Tributaria" (Spanish national tax office) is very interested in using an international standard and incorporating the EAN-128 code to codify its documents.

EDI

AECOC launched the AECOM standard at the end of 1988 and its EDI service in March 1991. The AECOC standard is based on the EDIFACT syntax, message and segment structures. At the end of 1995 there were 653 users. In December 1994 AECOC launched its second EANCOM project, EDI Sanitario, covering the health sector. At the end of 1995 there were 20 users registered with the number expected to rise to 50 by the end of 1996.

EAN SRI LANKA

C/o the Ceylon
Chamber of
Commerce
No. 50 Navam
Mawatha
COLOMBO

Tel: 94 1 421 745
Fax: 94 1 449 352



President: Mr A.C. GUNASINGHE

Company: LANKEM CEYLON Ltd.

Chief Executive: C.G. JAYASURIYA

Executive Staff:

Rizvina DE ALWIS - Assistant Secretary

Aynoni WANIGANAYAKE - Assistant Secretary

Membership

At the end of 1995, EAN SRI LANKA, who joined EAN International in December, had 10 members. A total of 10 manufacturer numbers had been allocated.

EAN SWEDEN

Klarabergsviadukten 96
S-106 13 STOCKHOLM

Tel: 46.86.98.30.40
Fax: 46.86.98.30.49



President: Roland FAHLIN

Company: ICA Handlarnas AB

Chief Executive: Björn PASSAD - Managing Director

Executive Staff:

Bengt FRIGGEBO - Executive Manager

Kristina FAGERLIN - Executive Officer

Mia LENMAN - Technical Assistant

Publication: EAN-NYTT, 2/year

Membership

At the end of 1995, EAN SWEDEN had 3,865 members, a 4.91% increase over last year. A total of 4,145 manufacturer numbers had been allocated.

Key achievements

EAN SWEDEN encouraged the introduction of EANCOM in the construction and home electronics sectors and will be helping its expansion within the public sector, which is a major project under Government support.

Expansion of EAN

The use of the EAN system is expanding rapidly due to the interest in the public sector which is a buyer in almost any industry.

EDI

EAN Sweden launched the EANCOM EDIT (EDI Trade) project in 1991 which has been adopted for both national and international EDI. At the end of 1995 there were an estimated 1,500 users. On the 30th of June 1996 the national standard DAKOM, which EAN Sweden also support, will cease to be maintained. This follows an 18 month notification period for all DAKOM users.

5 1 2 3 4 5 6 7 8 9 0 8 7 5 1 2 3 4 5 6 7 8 9 0 8

**EAN
(SWITZERLAND)**

Güterstrasse 133
CH - 4053 BASEL

Tel: 41.61.366.70.00
Fax: 41.61.366.70.99



President: Dr Gerhard METZ
Company: COOP SCHWEIZ
Chief Executive: Robert SCHUBENEL
Executive Staff:
Paul GERBER - Head of dept. EANCOM
Michael BEHOUNEK - Head of dept. EANSYS

Publication: Bulletin, 4/year

Membership

At the end of 1995, EAN Switzerland had 1,900 members, a 10.47% increase over last year. A total of 2,014 manufacturer numbers had been allocated.

Key achievements

1995 saw the signature of the agreement with UN/INCIB, the implementation of national concept for the monitoring of the flow of narcotic substances based on EAN. EAN Switzerland tested the central database containing EAN article information and EAN address information. The Swiss building sector will adapt to this database and EAN identifications.

Expansion of EAN

The existing agreement with Reglementation has been enlarged in order to cover health-insurers, therapists and spitex-services (hospital external services as e.g. home nursing). EAN Location Numbers will be used for invoicing and settlement. The development of central article and address database has attracted new sectors. In 1995, first contacts and membership came from building and construction companies and associations.

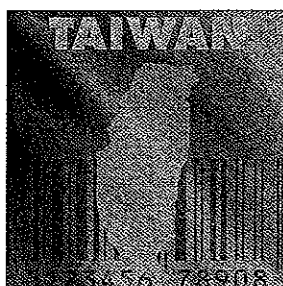
EDI

EAN Suisse launched the EANCOM nEANDer project in 1990. The name of the project was changed to EANCOM-CH because EANCOM has been adopted for both national and international EDI. At the end of 1995 there were 200 users with 250 expected by the end of 1996.

**COMMERCIAL
AUTOMATION
AND
NUMBERING
INSTITUTE
- CAN**

4th Floor,
10, Lin-Shen South. Rd.
TAIPEI

Tel: 886.2.393.9145
Fax: 886.2.391.3171



President: P. C. CHANG
Chief Executive: Lin HUI
Executive Staff:

HUI Jung Sheng - Director of Promotion & Marketing Division
HUNG Shih Feng - DP, Center Manager
Ray WU - Manager of Data Base Department
Jason CHANG - Project Manager of Promotion & Marketing Division

Publication: CAN News, 4/year

Membership

At the end of 1995, CAN had 5,685 members, a 22.42% increase over last year. A total of 5,685 manufacturer numbers had been allocated.

Key achievements

CAN consulted 10-12 pharmaceutical and stationery goods stores to implement EAN code system, held forty promotional seminars and conferences and published four guide manuals in 1995 for DUN-14 Numbers, UCC/EAN-128 Numbers, pharmaceutical and stationery goods. CAN also consolidated its Product Data Base, and promoted the technique of quality control in bar-code printing.

Expansion of EAN

CAN have promoted the application of the EAN system and store automation management to the manufacturers and retailers of pharmaceutical and stationery goods.

EDI

CAN launched the TTEDIS project in late 1991 to develop national and international guidelines of EANCOM. The CAN EDI committee is split into 4 sub-committees which handle the translation of EANCOM into Chinese, legal issues and government policy, promotion and marketing, and planning and operation research. The committees are made up of representatives of all business sectors and some government officials. 736 users were registered at the end of the year, an increase of 1,127% on the 1994 figure.

THAI ARTICLE NUMBERING COUNCIL - TANC

Queen Sirikit
National Convention
Center 4th Fl. (Zone C)
60 New
Rachadapisek Rd.
Klongtoey BANGKOK
10110

Tel: 66.2.229.42.55
Fax: 66.2.229.49.39



President: Chokchai AKSARANAN
Company: CHAROEN POKPHAND GROUP
Chief Executive: Phenphan TANTICHOTIKIAT
Executive Staff:
Julawit LAIYANGKURN - Technician
Rungtiwa KLAHANG - Customer Service

Publication: 4/year

Membership

At the end of 1995, TANC had 1,157 members, a 44.63% increase over last year. A total of 1,157 manufacturer numbers had been allocated.

Key achievements

During the year, TANC cooperated with a retailer association for bar coding products by Jan 1, 1995 and planned EDI training with 2 VANS. TANC became chairman of PWG for EDI.

Expansion of EAN

The EAN standards started in food and expanded rapidly into other sectors such as stationery and drugs.

SOCIETE TUNISIENNE DE CODIFICATION - TUNICODE

24 Rue Jamal ABDEL
NASSER
TUNIS 1000

Tel: 216.1.334.058
Fax: 216.1.334.574



President: Hamda GRIRA
Company: MAGASIN GENERAL
Chief Executive: Néji CHAABANE
Executive Staff:
Chadia KHEMISSI - Secretariat
Kamel BEN M'NA - Communications
Moncef BEN GUEDIDA - S/D Commercial
Mourad KSILA - Information, Accounting

Publication: 4/year

Membership

At the end of 1995, TUNICODE had 545 members, a 55.71% increase over last year. A total of 545 manufacturer numbers had been allocated.

Key achievements

During the year, TUNICODE concentrated on new members.

Expansion of EAN

The accent was on promoting the EAN System in the pharmaceutical, textile, publication, hardware sectors.

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**THE UNION OF
CHAMBERS OF
COMMERCE,
INDUSTRY,
MARITIME
COMMERCE
AND
COMMODITY
EXCHANGES
OF TURKEY
- UCCET**

Atatürk Bulvarı No. 149
06640 BAKANLIKLAR
- ANKARA

Tel: 90.312.425.22.43
Fax: 90.312.419.32.28



President: Fuat MIRAS
Company: UCCET
Chief Executive: Sefik TOKAT - Secretary General
Executive Staff:
Iskender ELVERDI - Deputy Secretary General
Meftune EMIROGLU - Head of Trade and Industry Dept.
Tugrul BELEN - Director of Trade and T.I.R. Dept.
Fusun SAHIN - Officer

Publication: MMNM Haber Bülteni, 4/year

Membership

At the end of 1995, UCCET had 2,438 members, a 63.19% increase over last year. A total of 2,438 manufacturer numbers had been allocated.

Key achievements

UCCET simplified bar code registration and application procedures, and gave more importance to the presentation of the bar code system. The EAN prefix 29 for variable weight products is being applied, and UCCET has tried to improve and expand this standard to the whole country.

Expansion of EAN

There has been an increase in the number of the firms using bar codes system especially in textile and food sector and the majority of the firms in the drug sector are using bar codes.

**ARTICLE
NUMBERING
ASSOCIATION
OF UKRAINE -
EAN UKRAINE**

26 Artema street
254053 KYIV

Tel: 380.44.219.29.41
Fax: 380.44.216.00.32



President: George DZIS
Company: Union of Economists of Ukraine
Chief Executive:
Igor SLIPETS - General Director
Ninel NAVROTSKAIA - Director of Introduction Department
Alexander VOLKANOV - Executive Officer

Publication: EAN-UKRAINE newsletter, 1/year

Membership

At the end of 1995, the year it started operating, EAN UKRAINE had 88 members. A total of 88 manufacturer numbers had been allocated.

Key achievements

EAN Standards were adopted as National Standards in Ukraine for Article Numbering. EAN UKRAINE created working groups to promote the introduction of the EAN Applications (EAN Numbering System, EANCOM) and the POS systems in Ukraine.

Expansion of EAN

The expansion of EAN was mainly in textile, pharmaceutical, medical devices, chemicals, agriculture and book sectors and the installation of scanners in retail shops. EAN UKRAINE have been working closely with some other sectors as well as Government agencies in using UCC/EAN-128 for logistics management and EAN-COM for EDI.

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**ARTICLE
NUMBER
ASSOCIATION
(UK) Ltd**

11 Kingsway
LONDON WC2B 6AR

Tel: 44.171.240.29.12

Fax: 44.171.240.81.49

E-Mail:

anauk@ibm.net



Chairman: John WHEELER

Company: BRITISH SHOE CORPORATION Ltd

Secretary General: Andrew OSBORNE

Management Staff:

Philip JERRED - Operations Manager

Kian TAVAKKOLI - Administration Manager

Graham AVORY - External Relations Manager

Publication: ANA News, 4/year.

Membership

At the end of 1995, ANA UK had 11,980 members, a 6.44% increase over last year. A total of 13,328 manufacturer numbers had been allocated.

Expansion of EAN

ANA has actively increased the introduction of EAN in this year's sectors: the health care, transport, textiles and utilities. The introduction of EAN-128 has attracted much interest from many sectors and increased membership from the health care industry in particular.

EDI

In 1995 the ANA completed migration guidelines from TRADACOMS to EANCOM with the support of the TEDIS project of the EU Commission. In addition to this project the ANA are currently investigating the possibility of ceasing the development of UK EDIFACT implementation guidelines and migrating them to EANCOM. At the end of 1995 the usage of UK EDIFACT trade messages was estimated at 300 users with 500 users expected at the end of 1996. The figures for EANCOM indicate that there are currently 200 users with 400 expected by the end of 1996.

**CENTRO
URUGUAYO DE
NUMERACION
DE ARTICULOS
- C.U.N.A.**

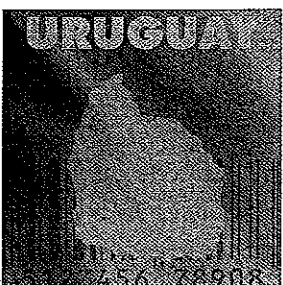
Agr. German
Barbato 1363/903
11200 MONTEVIDEO

Tel: 598.2.983.534

Fax: 598.2.931.382

E-Mail:

cuna@adinet.com.uy



President: Juan Angel MOSCA

Company: Mosca Hermanos S.A.

Chief Executive: Jorge Perez BLANCO - Executive Director

Executive Staff:

Juan Carlos VAZQUEZ - Technical Officer

Gustavo ISRAEL - Executive Administrator

Publication: Codigos Uruguayos, 4/year

Membership

At the end of 1995, CUNA had 398 members, a 18.45% increase over last year. A total of 389 manufacturer numbers had been allocated.

Key achievements

C.U.N.A. has been working on the setting up of EAN URUGUAY and promotion of EDI's standards and benefits. Consequently major companies and institutions become aware of the advantages of having an active participation in the development of Electronic commerce in Uruguay.

Expansion of EAN

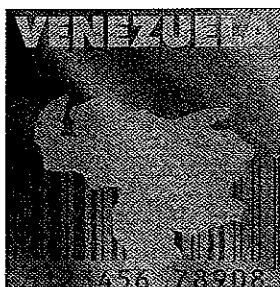
During 1995, C.U.N.A. did not expand into new sectors of activity, instead it worked on reaffirming the development of covered sectors.



EAN VENEZUELA

Av. Independencia
Edif. Onnis - Pso 8 -
Ofic. 82
Frente al Centro
Comercial Bello
Campo
CARACAS 1062

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President: Luis FINOL
Company: CASA PARIS
Chief Executive: José Luis MEJIA N.
Executive Staff:
Milagros De GONZALEZ - Assistant to the President
Carlos A. AMAIZ - EDI Manager
Antonio GUARINO - Technical Manager

Publication: EAN, 4/year

Membership

At the end of 1995, EAN VENEZUELA had 803 members, a 62.55% increase over last year. A total of 761 manufacturer numbers had been allocated.

Key achievements

During the year, EAN VENEZUELA introduced EDI, and saw the affiliation of CONINCA, an electrical parts manufacturing company with over 15,000 bar coded products, as well as that of the pharmaceutical sector. The package printers sector began to participate in seminars and courses in order to achieve optimal quality printing of EAN bar codes.

Expansion of EAN

During 1995 EAN VENEZUELA attained expansion in different industries such as: editors, pharmaceuticals, cosmetics, cleaning articles, fabrics, plastic items, general merchandise and others. Cleaning articles and cosmetics showed the highest growth.

EDI

In August 1994 an EDI project was started by EAN Venezuela. To date 10 companies representing interests from the trade and financial sectors are participating in the two work groups of the project. At the end of 1995 there were 13 users of EAN-COM registered in Venezuela with 25 expected by the end of 1996. A major aspect of the work of EAN Venezuela is the promotion of EANCOM through the organisation of training seminars and conferences.



EAN VIETNAM C/o Vietnam Standards Institute Nghia do Tu liem HA NOI

Tel: 84.4.361 463
Fax: 84.4.361 771



President: NGUYEN Anh Nhan
Company: South-East Asia Brewery Ltd.
Chief Executive: LE Van Thieu - Secretary General
Executive Staff:
LE Doan Thao - Director of EAN-VN's Central Office
LUU Thi Kim Thanh - Deputy Director of EAN-VN's Central Office
PHAM Ba Cuu - Deputy Director of EAN-VN's Central Office

Publication: EAN-NEWS, 1/year

Membership

At the end of 1995, EAN VIETNAM, who joined EAN International during the year, had 66 members. A total of 61 manufacturer numbers had been allocated.

Key achievements

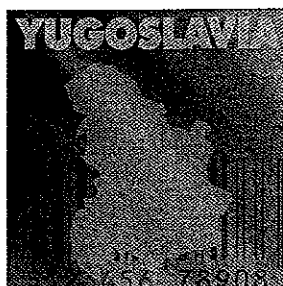
EAN VIETNAM organised some workshops and training courses, and helped companies to represent bar code on product's labels.

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**YUGOSLAV
ARTICLE
NUMBERING
ASSOCIATION
- YANA**

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11000 BEOGRAD

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Fax: 381.11.324.8754



President of the Assembly: Predrag DIMITRIJEVIC
Company: NEVENA, Leskovac
President of the Board: Milovan FILIPOVIC
Company: JUGOTRADE, Beograd
Chief Executive: Bozidar MITIC - Secretary
Executive Staff:
Svetislav JOVANOVIC - Business Organiser
Branislava MITIC - Researcher

Publication: YANA - INFO, quarterly

Membership


At the end of 1995, YANA had 975 members, a 28.63% increase over last year. A total of 987 manufacturer numbers had been allocated.

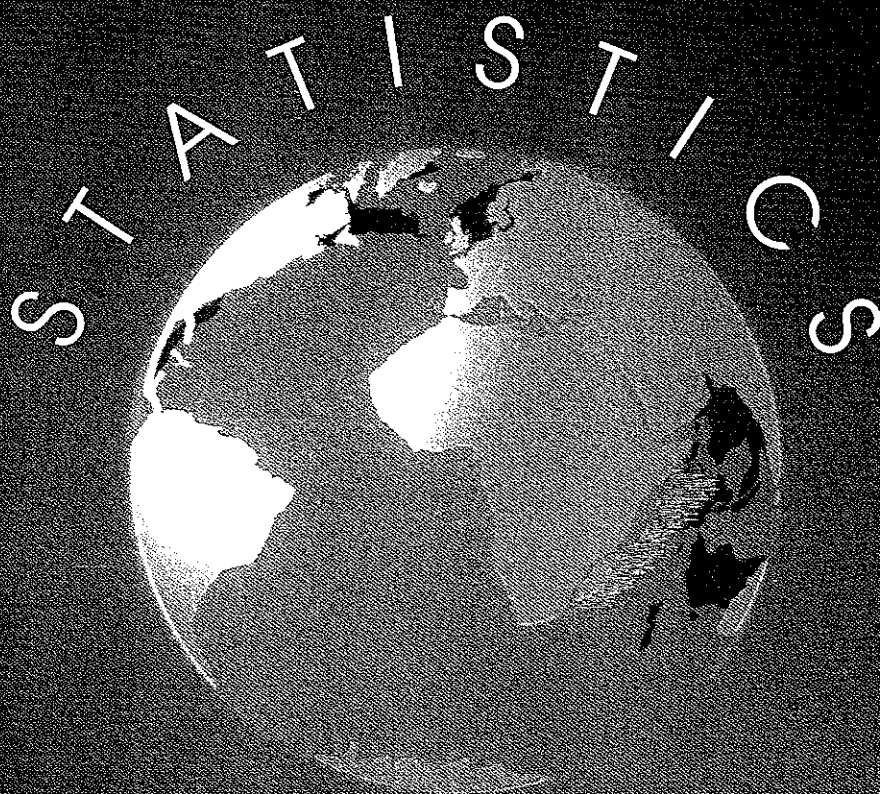
Key achievements

YANA held seminars in co-operation with Yugoslav and 17 regional chambers of Economy about introduction and use of EAN standards, especially ITF and UCC/EAN 128, and co-operated with the Federal Institution for Standardisation and Yugoslav association for electronic data interchange in field of popularisation and use of EAN, EDI and EANCOM. It translated the UCC/EAN Application Identifier Standard and the EAN Label in Serbian language.

Expansion of EAN

Use of EAN standards has expanded in the furniture industry (Scanning at POS).





The tables on the next pages show an overview per Numbering Organisation of the number of member companies, the sectors of application, the total numbers allocated, the total number of scanning stores and the summary table of EDI projects.

As figures are sometimes not comparable, the tables should only be interpreted as an indication of what is happening in article numbering within the EAN community.

NUMBER OF MEMBER COMPANIES

	NUMBERING ORGANISATION	Manufacturers	Distributors	Others	TOT 95	TOT 94	New sectors of applications in 1995		
EUROPE	Austria	3,012	491	288	3,791	3,683	Healthcare		
	Belgium	2,435	284	124	2,843	2,524	Public	Utilities	
	Bosnia Herzegovina	27	6	2	35	0			
	Bulgaria	197	11	6	214	165	Construction	Healthcare	Textiles
	Croatia	297	36	138	521	325			
	Cyprus	572	149		721	579	Stationery		
	Czech Rep.	1,759	18	70	1,847	1,424	Healthcare	Metals	
	Denmark (1)	** Members = Organisations only			3,402	3,123	Chemicals	Plumbing	Utilities
	Estonia	140	12	1	153	105	Leisure	Publishing	
	Finland (1)	** Members = Organisations only			3,008	2,641	Healthcare	Metal	Utilities
	France	17,200	840	160	18,200	16,900	Catering	Furniture	Packaging
	Germany	17,473	38,590		56,063	41,000	Furniture	Textiles	Transport
	Greece	1,549	7	8	1,564	1,356	Defence		
	Hungary	1,728	12		1,740	1,411	Healthcare	Publishing	
	Iceland	438			438	387	Healthcare	Packaging	
	Ireland	1,278	79	68	1,425	1,278	Healthcare		
	Israel	0			2,162	1,738			
	Italy	0	48	36	17,510	17,244			
	Latvia	63	3	4	70	40	Packaging		
	Lithuania	99	2	7	108	32	Chemicals	Textiles	
	LYR Macedonia	82	8	5	95	57	Healthcare		
	Malta	79	4		83	59			
	Moldova	34			34				
	Netherlands	2,991	157	200	3,348	3,000	Construction	Fisheries	Metal
	Norway (1)	** Members = Organisations only			2,928	2,638	Fisheries	Leisure	Timber & Wood
	Poland	2,544	277	855	3,676	2,282			
	Portugal	2,417	376	198	2,991	2,643	Construction	Textiles	Transport
	Romania	46	12	1	59	36	Publishing	Textiles	
	Russia	607	15	83	705	470	Ceramics	Electronics	Healthcare
	Slovakia	825	11	3	839	401	Financial		
	Slovenia	1,620	120	18	1,758	1,185	Transport		
	Spain	9,771	344	178	10,293	9,407	DIY	Healthcare	Government
	Sweden (1)	** Members = Organisations only			3,865	3,684	Electronics	Public	
	Switzerland	1,812		88	1,900	1,720	Construction	Healthcare	
	Turkey	1,174	57	1,207	2,438	1,494	Healthcare	Textiles	
	Ukraine	88			88	-	Chemicals	Healthcare	Publishing
	United Kingdom	0			11,980	11,255	Healthcare	Transport	Utilities
	Yugoslavia	817	128	30	975	758	Furniture		
	Total Europe				163,862	136,824			
ASIA PACIFIC	Australia	4,827	2,935	217	8,039	7,063	Government	Transport	Utilities
	China	18,990	1,250	54	20,294	14,692			
	Hong Kong	914	515	73	1,502	1,852			
	India	9		5	14	0			
	Indonesia	87	4	8	99	46	Electronics	Healthcare	Stationery
	Japan	56,878	19,055	6,060	81,993	76,609	DIY	Textiles	
	Malaysia	679	156	5	840	726	Leisure		
	New Zealand	3,056	36	46	3,138	2,913	Freight		
	Philippines	382	64	27	543	400	Leisure		
	Singapore	629	342	26	997	962	Postal	Publishing	Stationery
	South Korea	8,287	16	46	8,349	7,450			
	Sri Lanka	10			10				
	Taiwan	3,381	1,367	937	5,685	4,644	Healthcare		
	Thailand	910	247		1,157	800	Healthcare	Stationery	
	Vietnam	61		5	66				
	Total Asia Pac				127,660	112,657			
AMERICA	Argentina	8,574	60	15	8,649	6,850	Textiles		
	Bolivia	57	3	3	63	36	Utilities		
	Brazil	13,006	262	267	13,535	6,884	Healthcare	Pulp & Paper	Telecommunications
	Centr. America (2)	1,772	225	245	2,242	1,410	Healthcare		
	Chile	2,995	38	32	3,065	2,503	Healthcare	Insurance/Finance	Utilities
	Colombia	5,364	93	88	5,545	3,816	Healthcare	Insurance/Finance	Transportation
	Cuba	78	5		83	68			
	Dominican Republic	68	13	4	85		Chemicals		
	Ecuador	1,195	9	25	1,229	1,010	Healthcare		
	Mexico	9,076	400	350	9,826	8,355	Petroleum	Government	Telecommunications
	Paraguay	53	2	11	66	16	Healthcare		
	Peru	738	55	28	821	672	Textiles		
	Uruguay	383	6	9	398	336			
	Venezuela	761	13	29	803	494	Healthcare	Packaging	
	Total America				46,410	31,550			
AFRICA	Algeria	29		1	30		Construction	Healthcare	Textiles
	Mauritius				112				
	Morocco	66	3		69	55			
	South Africa	4,753	65	100	4,918	4,239	Horticultural	Paper	Postal
	Tunisia	541		4	545	350	Healthcare	Publishing	Textiles
	Total Africa				5,674	4,644			
TOTAL EAN					343,606	285,675			
UCC					190,000	3,000			
					193,000 (4)	138,000			
GRAND TOTAL					536,606	423,675			

(1) The members of the Scandinavian countries are organisations only.
 (2) Central America stands for Guatemala, El Salvador, Costa Rica, Panama, Nicaragua, Honduras.
 (4) estimate (USA + Canada)

NUMBERING ORGANISATIONS		ALLOCATION OF COMPANY IDENTIFICATION NUMBERS BY MEMBERS				NUMBER OF SCANNING STORES			
		1993	1994	1995	Estimate for 1996	Mass Retailing	Speciality Goods	Others	
EUROPE	Austria	5,334	5,805	6,280	6,400	13,827			
	Belgium & Lux	2,416	2,624	2,980	3,230	NA			
	Bosnia/Herzegovina			27	350	0			
	Bulgaria	50	165	214	260	9	9		
	Croatia	181	325	521	1,000	100			
	Cyprus	445	472	721	850	102			
	Czech Rep	1,143	1,420	1,845	2,200	1,300	1,000	100	200
	Denmark	2,542	3,593	3,905	4,400	3,100			
	Estonia	48	104	153	193	75	65	10	
	Finland	2,195	2,641	3,008	3,400	3,500	2,700	500	300
	France	32,200	34,200	35,000	37,000	22,000			
	Germany	14,571	18,000	18,663	21,000	15,772			
	Greece	1,150	1,411	1,700	2,100	100			
	Hungary	1,210	1,411	1,740	1,950	2,000			
	Iceland	358	387	458	500	NA			
	Ireland	1,084	1,313	1,357	1,500	310			
	Israel	2,531	2,892	3,564	4,050	476			
	Italy	15,178	15,530	17,510	18,000	7,089	4,729	2,360	
	Latvia		28	77	127	68			
	Lithuania		24	103	165	20	19	1	
	FYR Macedonia		40	95	200	NA			
	Malta	26	55	70	80	6			
	Moldova			39	100	NA			
	Netherlands	2,890	3,000	3,040	3,200	2,390			
	Norway	2,413	2,638	2,928	3,150	NA			
	Poland	1,111	2,285	4,269	6,000	NA			
	Portugal	2,316	2,619	3,257	3,700	4,500			
	Romania		11	55	200	40			
	Russian Federation	260	470	607	950	60			
	Slovakia		398	839	1,100	24			
	Slovenia	343	1,140	1,720	2,100	560			
	Spain	10,616	9,255	10,144	10,700	12,093	5,542	6,500	61
	Sweden	3,894	4,063	4,145	4,500	6,000			
	Switzerland	1,665	1,828	2,014	2,200	2,293			
	Turkey	952	1,494	2,438	3,250	342			
	Ukraine			88	450	25			
	United Kingdom	12,100	12,529	13,328	14,000	23,000			
	Yugoslavia	728	769	987	1,250	162	148	14	
ASIA PACIFIC	Australia	9,985	10,161	10,500	11,900	6,376			
	China	8,478	14,692	20,294	25,794	517			
	Hong Kong	1,134	1,624	1,949	2,345	1,003	471	532	
	India	0	0	14	50	2			
	Indonesia	26	46	99	200	32	19	6	7
	Japan	74,000	76,613	81,993	88,000	207,819	81,123	84,910	41,786
	Malaysia	500	765	916	1,115	1,728	1,350	378	
	New Zealand	2,474	2,913	3,158	3,588	20	20		
	Philippines	123	400	543	710	264			
	Singapore	915	962	997	1,050	50			
	South Korea	1,527	2,403	3,303	4,200	7,818			
	Sri Lanka			10	100	NA			
	Taiwan	3,650	4,644	5,685	7,000	2,317			
	Thailand	318	780	1,200	1,600	12			
	Vietnam			61	80	4			
AMERICA	Argentina	4,438	6,280	8,574	10,374	NA			
	Bolivia	0	37	63	100	10	8	2	
	Brazil	3,346	4,490	13,006	19,800	907	699	140	68
	Central America (1)	305	800	211	2,610	105	95	10	
	Chile	1,577	2,441	2,995	3,250	NA			
	Colombia	1,150	3,670	5,457	6,500	69			
	Cuba		66	78	88	NA			
	Dominican Republic			68	182	74	70	2	2
	Ecuador	440	620	739	900	88			
	Mexico	5,725	7,318	10,038	12,000	1,193			
	Paraguay	0	16	66	132	15			
	Peru	235	672	821	1,600	59			
	Uruguay	228	328	389	450	31			
	Venezuela	272	447	761	1,240	115			
AFRICA	Algeria			30	150	0			
	Mauritius			104	150	10			
	Morocco		43	60	90	9			
	South Africa	3,674	4,144	4,818	5,500	2,530			
	Tunisia	160	350	545	780	7	5	2	
TOTAL EAN		246,830	282,645	329,433	378,933	354,557	98,072	95,467	42,414
UCC			138,000	193,000 (2)			155,000	138,000	
GRAND TOTAL			420,645	522,433					

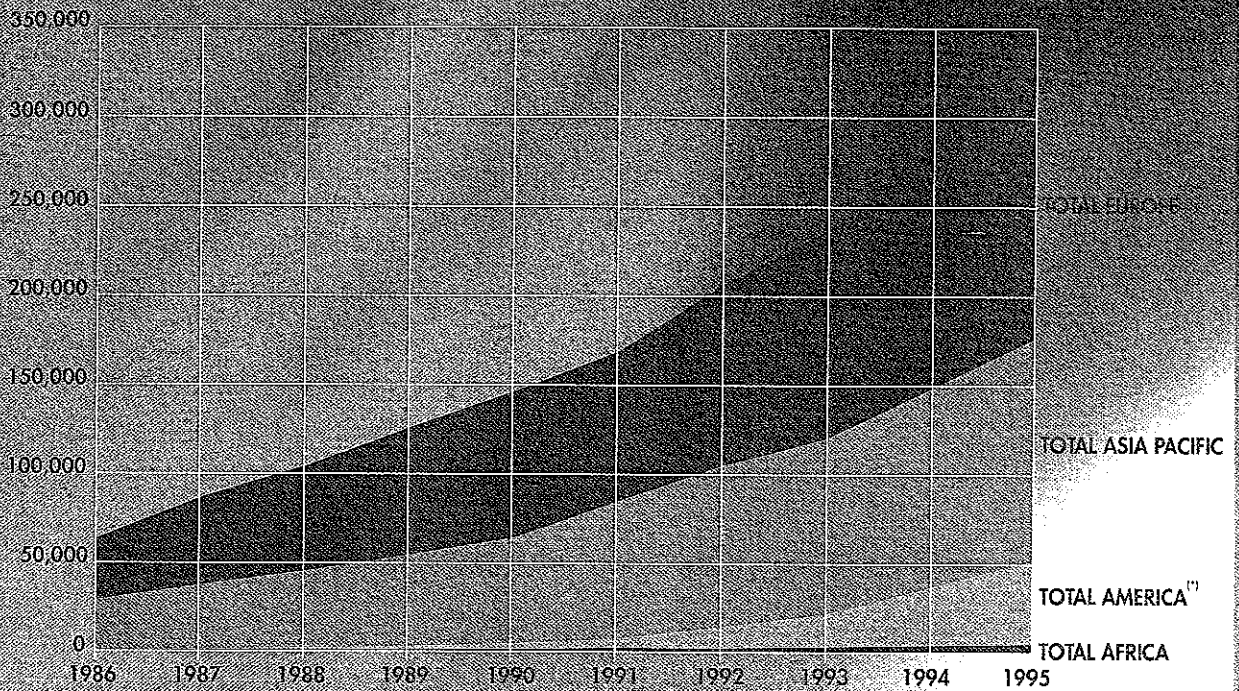
(1) Central America stands for Guatemala, El Salvador, Costa Rica, Panama, Nicaragua, Honduras.

(2) Estimate (USA + Canada)

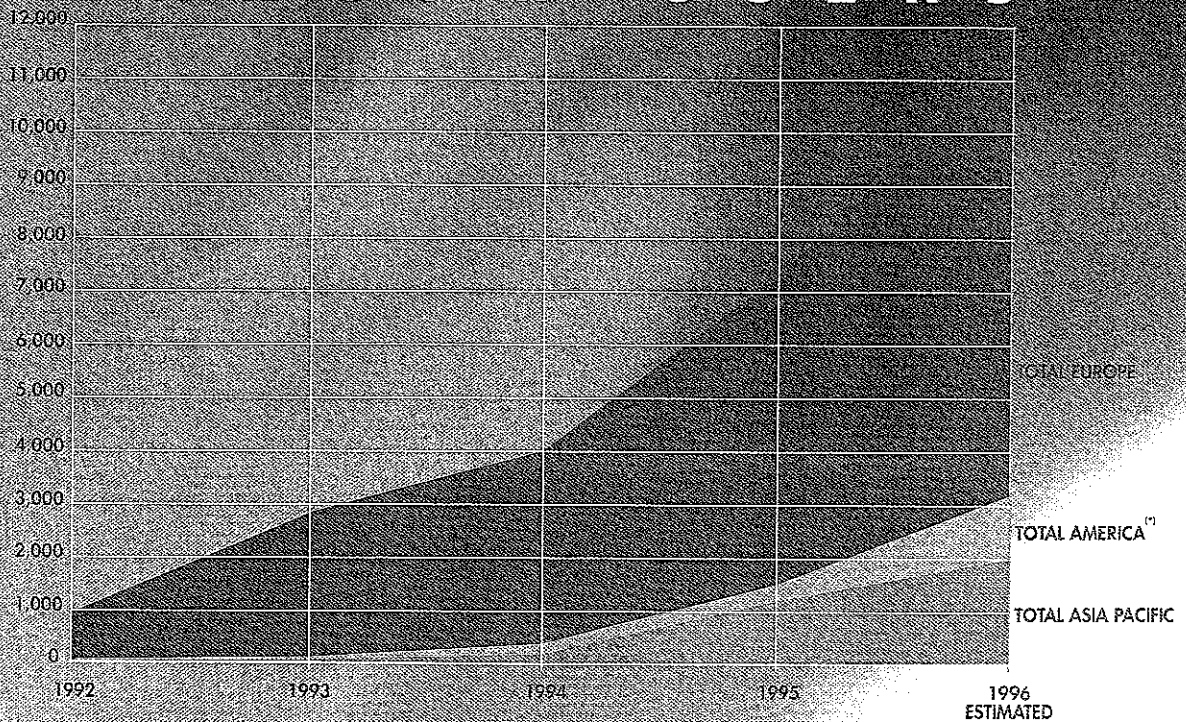
SUMMARY TABLE - EDI IN THE EAN COMMUNITY, 1995

NUMBERING ORGANISATION	NATIONAL STANDARD					EANCOM				
	NAME OF PROJECT	1994	1995	GROWTH %	1996	NAME OF PROJECT	1994	1995	GROWTH %	1996
ARGENTINA - CODIGO	FINANCIAL EDIFACT				45	EANCOM ARGENTINA	29	38	65%	140
AUSTRALIA - EAN AUSTRALIA	ANSI X12 EDIFACT/DMEDI	6000 0	6500 235	8%	7500 350					
AUSTRIA - EAN AUSTRIA	SEDAS / ECODEX	1600	2000	25%	2100	EANCOM	70	100	43%	150
BELGIUM / LUXEMBOURG ICODIF	ICOM	175	100	48%	50	EANCOM	150	250	67%	300
BRAZIL - EAN BRAZIL						EANCOM	30	135	350%	525
CHILE - EAN CHILE	EDI-CHILE	130	130	0%	200	EANCOM	130	130	0%	200
COLOMBIA - IAC						EDIFACT / EANCOM	20	70	250%	250
DENMARK - EAN DENMARK						EANCOM	400	500	25%	600
FINLAND - CCC OF FINLAND	EDIFACT	700	750	7%	800					
FRANCE - GENCOD	GENCOD	2000	3500	75%	3500	EANCOM	300	500	67%	1300
GERMANY - CCG SINFOS MADAKOM	SEDAS	395 226 245	430 263 260	9% 18% 6%	450 360 275	EANCOM	120	230	92%	350
GREECE - HELICAN S.A.						EANCOM		80		100
HONG KONG - HKANA						EZ-TRADE	6	31	417%	200
ICELAND - EAN ICELAND						EANCOM / ISEDI	40	60	50%	120
IRELAND - ANAI						EANCOM	150	200	5%	250
ITALY - INDICOD						EDICOMMI	100	150	50%	240
JAPAN - DCC						EANCOM DEVELOPMENT PRO		10		40
SOUTH KOREA - EAN KOREA						EANCOM KOREA	107	398	272%	700
MEXICO - AMECOP	X12	50	400	700%	500					
NETHERLAND - EAN NEDERLAND	REPAIR G.S.	20	10	-50%	10	EANCOM	1200	1500	25%	1800
NORWAY - EAN NORGE	STANDARD RECORDS RIGAL 95	2166 30	2111 200	0% -567%	2463 350	EANCOM NORSK	64	104	63%	164
PORTUGAL - CODIPOR						EANCOM	20	100	400%	300
SINGAPORE - SANC	EDIMAN	0	120		220	EDI FOR SMALL RETAILERS	28	30	7%	40
SOUTH AFRICA - SAANA	SAANA EDI STANDARDS	150	200	33%	250					
SPAIN - AECOC	AECOM	460	653	42%	903	AFCOM/EANCOM	5	34	580%	84
SWEDEN - EAN SVERIGE						EANCOM/EDI	700	500	-114%	2000
SWITZERLAND - EAN SCHWEIZ						EANCOM - CH	150	200	33%	250
TAIWAN - CAN						EANCOM TEDI	60	736	1127%	1100
UNITED KINGDOM - ANA UK - EDIFACT	TRADACOMS UK - EDIFACT	12000 450	14000 500	17% 11%	14500 550	EANCOM	100	200	100%	400
VENEZUELA - EAN VENEZUELA						EDI VENEZUELA		15		25
YUGOSLAVIA - YANA						EANCOM	4	4		7
TOTAL NUMBER OF USERS		26738	32365	21%	35382		4017	7305	82%	11635

E A N M E M B E R S H I P



E A N C O M U S E R S



(*) America except Canada & U.S.A.)

NOTES



3750



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