Annual Report 200 2 2003
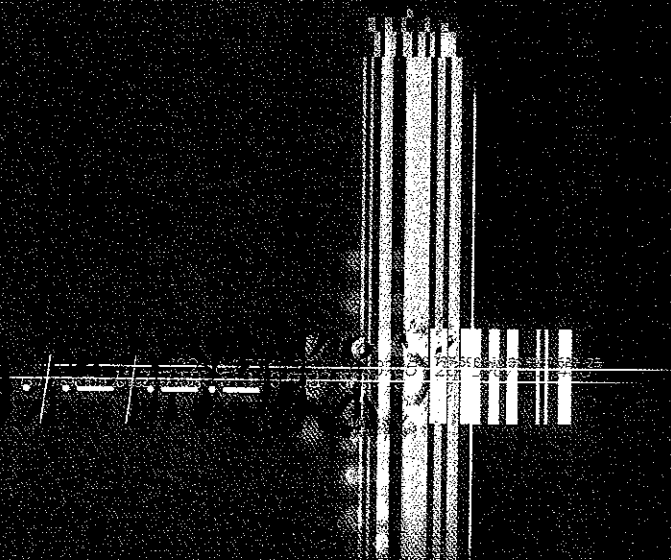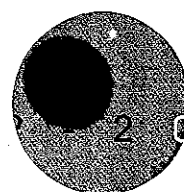
EAN INTERNATIONAL
25 YEARS
The Global Language
of Business

R e p o r t   2 0 0 2   2 0 0 3

Truly Global Vision

Like the eagle, the cat, the owl, the crocodile, and the ant, we share a similar instinctive need with these animals of creation. The need to see.

To see means more than simply being aware of the world around us; it is understanding our environment so intuitively that we can quickly identify and assess events as they occur. This is especially important in our business, which requires us to keep an eye on the continually evolving market and objectively evaluate its affects on the industry.

This capacity to see is a symbol that is in line with our corporate philosophy, and also the foundation of our broad-ranged outlook. Needle sharp vision is crucial to analyse today's complex business realities.

A sharp and mindful focus is necessary to keep abreast of the tremendous technological advances in our fast-paced world.

A trained and experienced eye is essential to anticipate the innovations of the day, and to envision the evolution and challenges of tomorrow.

Only an unhindered 360-degree view allows us to see things from all angles, enabling the organisation to integrate a global strategy of solutions, which addresses the needs of each situation.

Building on the belief that today's market players rely on the 'big picture' to make sounds business decisions, EAN International keeps a watchful hawk's-eye view on industry changes. And we never lose sight of the future.

It is this ability to foresee forthcoming events that gives us the best vantage point — to look beyond our existing capacity of knowledge.

All seeing is all knowing. It comes from having truly global vision.

Truly Global Vision

EAN International - A Truly Global Organisation.

Celebrating an event is of greater value if it can be marked by a positive outcome. In 2002 we achieved that. We celebrated our twenty-fifth year of operation and our development over that time from a start up association of twelve Western European Member Organisations (MOs) to an international and well respected organisation of 97 MOs. The positive outcome was the further expansion of EAN International by the admission as MOs in November 2002 of the two organisations that enabled us at long last to call ourselves a truly global organisation, The Uniform Code Council (UCC) of the USA and the Electronic Commerce Council of Canada (ECCC).

Our standards, the EAN.UCC standards, have long been global, but it is right, and our major users feel more comfortable with the position, that there is just one controlling organisation. UCC maintain co-ownership of the standards through the joint management of GSMP, but from an operational perception, with the last pieces of the jigsaw in place, we ended the year as one body. The addition of UCC and ECCC brings further maturity to the EAN Community.

Looking forward to the coming year, other major benefits of our expansion, notably the refocused Management Board with a greater presence among its members of senior executives of user companies that are at the level of COO, CEO or equivalent positions, will become increasingly apparent. But, it does not stop there. We will start the new operational year with a global platform and a new name from which a new President and new Chief Executive Officer, bringing renewed dynamism and enthusiasm, will lead the organisation through the exciting challenges and opportunities of the coming years.

The last two years have seen major changes to the governance and structure of the organisation, in addition to the recent expansion and associated changes. A number of people have contributed greatly to the positive outcome and favourable opportunities that we have today, and to them we owe grateful thanks for their commitment and dedication.

Before I close, I must record one special "thank you". Throughout that time Brian Smith, former CEO of EAN Australia, who I encouraged to come to Brussels to fulfil the role of CEO, has presided over the operational aspects of the restructuring of Head Office and the reshaping of the organisation. Brian has delayed his retirement to accomplish these important tasks and the organisation as a whole owes him much gratitude for his wise counsel, dignity, encouragement and humour that has enabled the whole process to be achieved successfully and harmoniously. We wish him and his family great happiness when he retires at the end of December 2003.
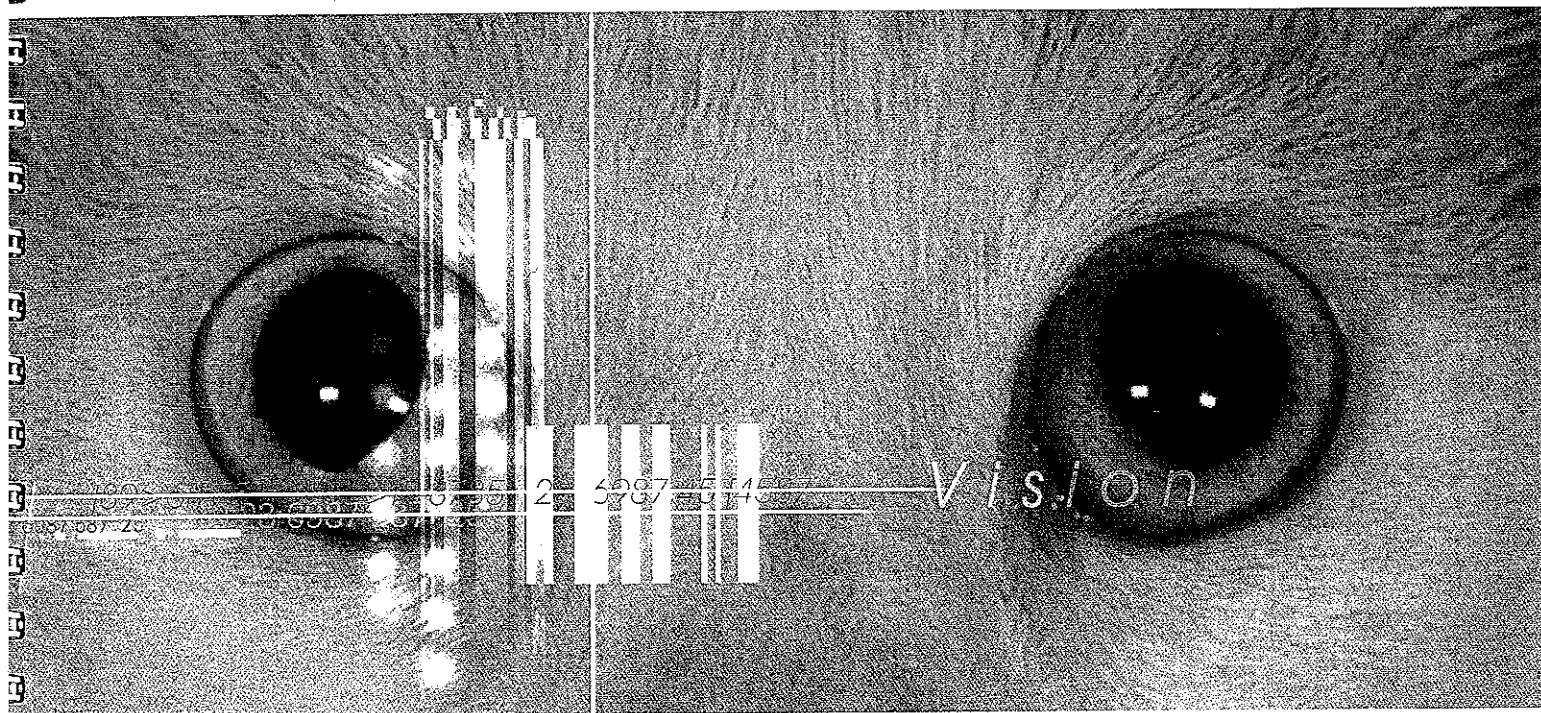
Laurie Wilson
President

Vision
Supply and Demand Chains Improvement Solutions require Global Open Multisectoral EAN.UCC Standards

Mission Statement
By creating Open, Global, Multisectoral Standards based on Best Business Practices, and by driving their implementation, play a leading role in Supply & Demand Chain Management improvement worldwide

Introduction

What better way to conclude the first quarter century of its existence than to be able to record that EAN International is now a truly global organisation. The historic decision made at an Extraordinary General Meeting of the General Assembly, held on 26th November 2002, which admitted EAN•UCC global standards partner, the Uniform Code Council (UCC) of the USA, together with the Electronic Commerce Council of Canada (ECCC) into full membership of EAN International makes that an indisputable fact. At the same meeting the decision to increase the size and broaden the composition of the Management Board was also approved.

The number of members on the EAN Management Board increased to allow for a maximum of 25 members and a minimum of 15 members; a new category of Board member covering global multi-national companies was created; a greater presence on the Board of senior executives of user companies that are at the level of COO, CEO or equivalent positions took effect; representation from North America was included and a second EAN Vice-President was proposed and elected.

Furthermore, this will be the last Annual Report to appear under the banner of EAN International. Delegates to the Extraordinary General Meeting approved the need for a new name and initiation of a process that would lead to the adoption of a new name to reflect fully the community's global operation and be used by EAN International and all the Member Organisations (MOs). This should be concluded early in the next reporting year with formal approval sought at the General Assembly in 2003.

The achievement of these long held aims, which will lead the EAN•UCC standards forward into the future, was the culmination of many hours of hard work over several years by a small number of committed people dedicated to achieving that outcome. The beneficiaries of these achievements are the users of the EAN•UCC standards, the one million member companies, and now 1500 members of staff worldwide.

To move forward one has to be confident of ones reflection in the mirror.

Vision
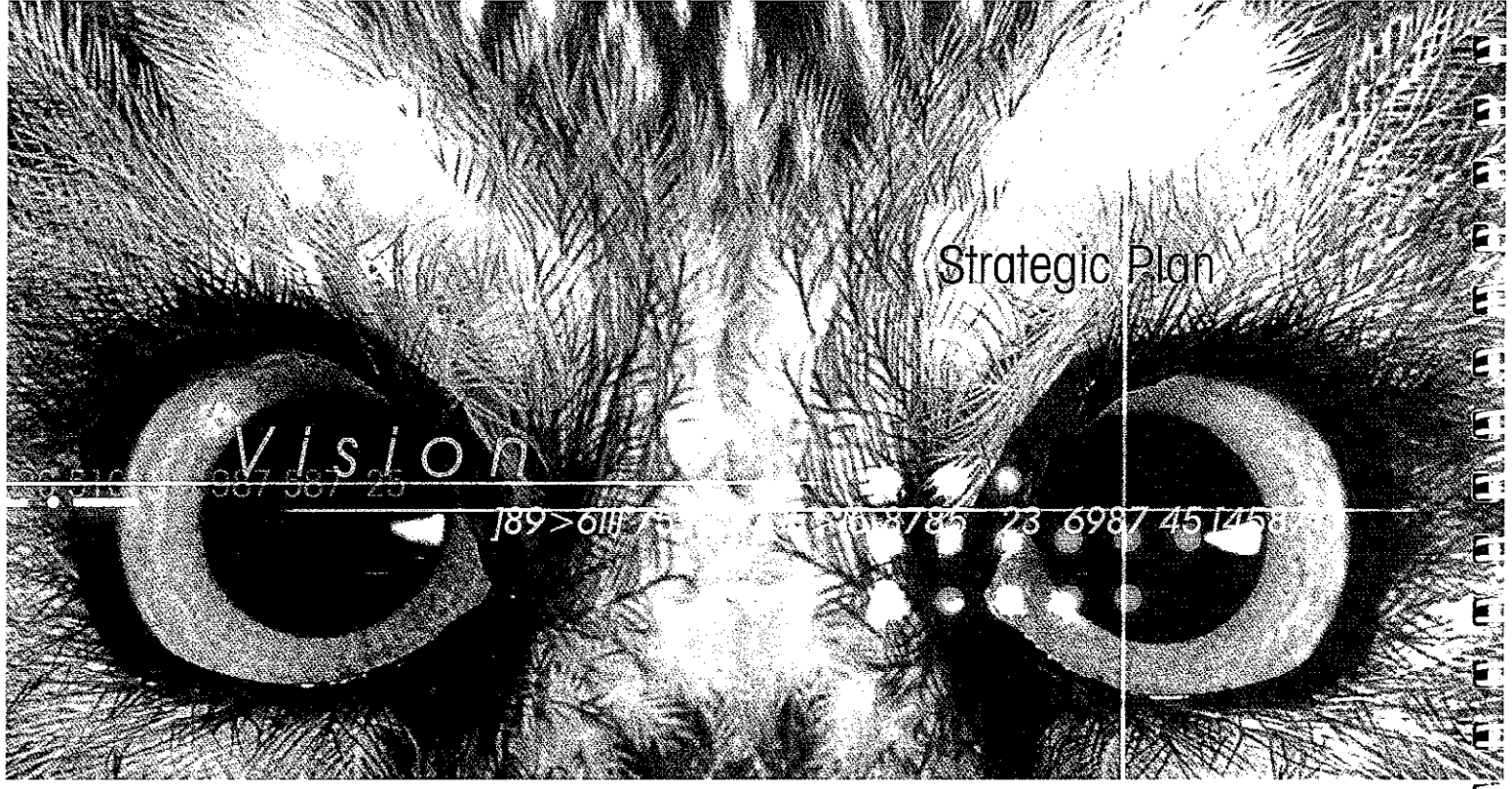
Strategic Plan

With a prime strategy of becoming a World-class User driven organisation within the next 3 years, it was essential to have a Strategic Plan. This was put together over a 6 month period and involved both EAN Head Office and MO representatives bound together in a special Task Force, which drew on the outcome of earlier work and annual meetings. The Task Force was assisted in its work by the entire EAN Community as a session of the annual Member Organisations Managers Meeting in February 2002 was given over to a series of Workshops on 3 key factors identified by the Task Force as being strategically important: Key Industry Sector Prioritisation; Strategic Relationships and Alliances, and Identity: Mission, Beliefs and Values.

The final outcome of the Task Force's work was the approval of the first "zero" version of the rolling Strategic Plan at the General assembly 2002. The agreed overall strategy statement reads:
- To become a World-class User driven organisation within the next 3 years, and that implies promoting EAN, both internationally and locally, as THE leader in Global Open Multisectoral Standards
- From recognising and understanding Business Requirements and Business Practices, to the development of Standards, Technical and Implementation Guidelines and Best Business Practices,

EAN International's strategy is to develop Solutions that meet or exceed User and Industry requirements.
- EAN International's strategy is jointly captured in the updated Vision Statement, Mission Statement and Core Business definition.

The Strategy statement is supported by Strategic Directions:
- Image: EAN International will within the next 3 years, be recognised globally in the selected Industry Sectors as the leading provider of supply chain related & business led standards and solutions
- Membership: An increase in User Company membership worldwide by 12,5% every year (subject to full implementation of this strategic plan by MOs) as a target
- Strategic Partnerships: EAN International will link up with Global Players, to strengthen its Global Leadership in Supply Chain Management Efficiency Solutions
- The-Way-We-Do-Business: EAN International will become a world-class organisation, driven by the same professional norms as those of its Global Users.

Accomplishing these strategies will safeguard our heritage and assure a brilliant future.

A wise strategy leads to an outlook capable of rising above every horizon.

Membership

The membership of EAN Kyrgyzstan was approved by the General Assembly in May 2002 and, as already reported, the Uniform Code Council of the USA together with the Electronic Commerce Council of Canada were admitted into membership at the Extraordinary General Meeting of the General Assembly in November 2002. These additions bring the number of MOs to 99 representing 101 countries directly. At the close of 2002, EAN International's global membership had almost reached the one million mark, 981,723 - up from 936,161 at the end of 2001. That is a creditable increase of 4.9% at a time of a downturn in global trade.

Member Organisation Sponsoring

During the year, the opportunity arose to close a gap in the organisational structure of the Global Business Solutions group. Thanks to EAN Brazil's contribution, a General Manager, Implementation and Marketing has been engaged and now completes the organisational structure. Delivery to expectation in this area of activity will now be a certainty.
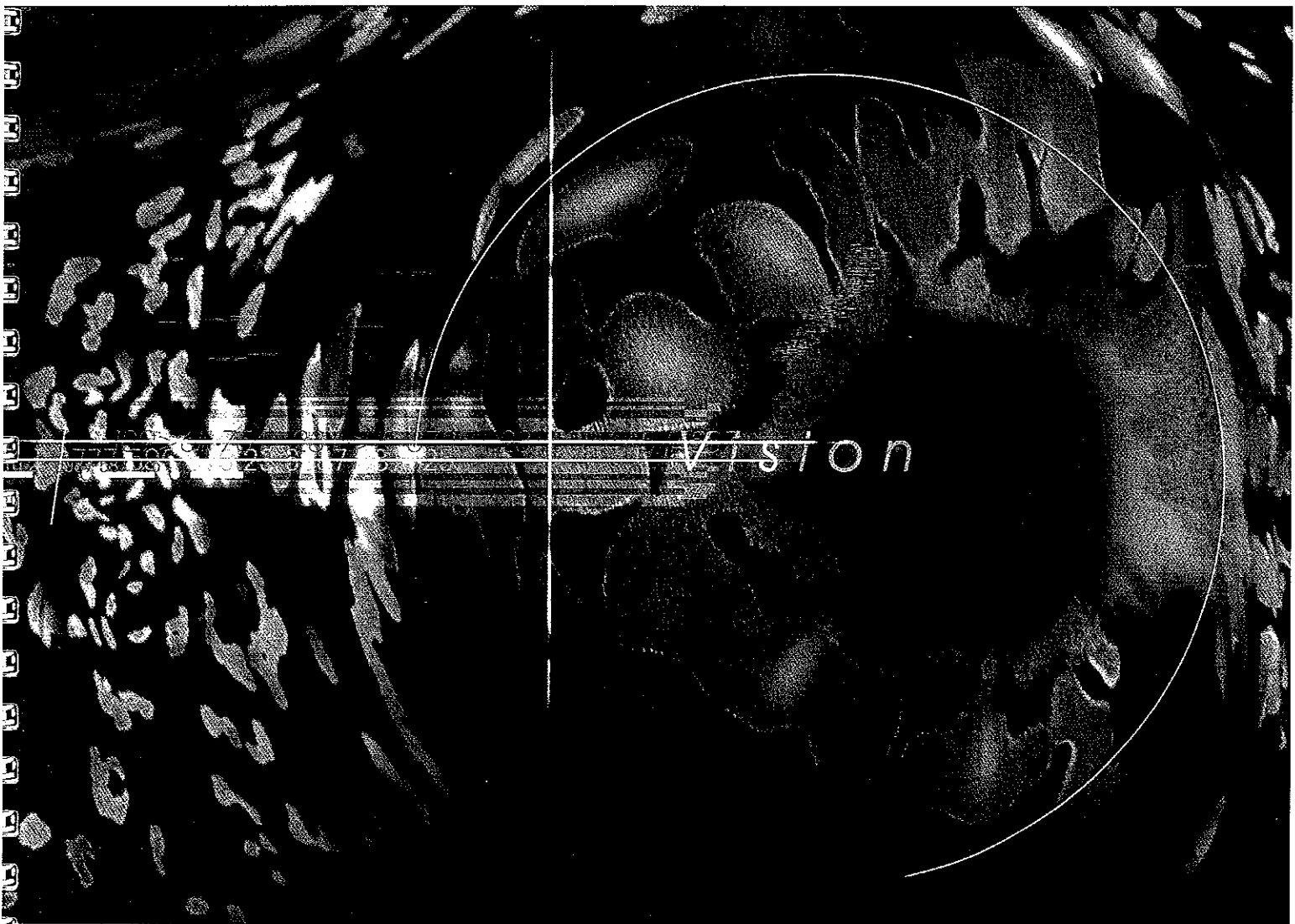
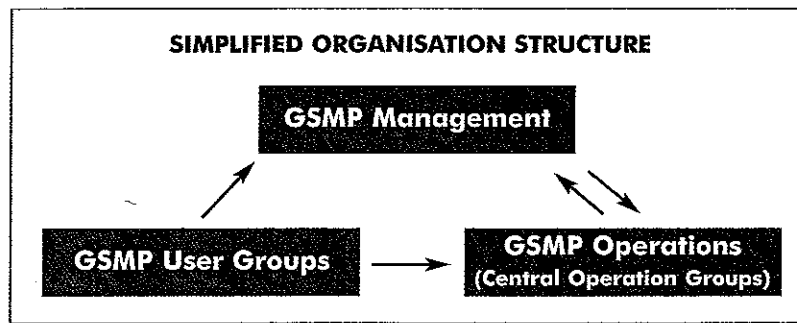Our eye is a perpetually moving globe.

Vision

Global Standards Management Process (GSMP)

The EAN•UCC system is jointly developed and managed by EAN International and its new Member Organisation, the Uniform Code Council (UCC). To ensure unity in standards development, an acceleration of the application process and the presentation of one face to the market, the two bodies implemented a purposely designed process, the Global Standards Management Process (GSMP) in January 2002.

The Process covers the complete cycle of events from the initial identification of a need or requirement through to the implementation of the solution developed through the GSMP. The whole procedure takes place openly as the new process is designed around a high level of user involvement with all steps totally visible and reported on regularly as they happen.

The GSMP is operated through a joint EAN•UCC "Management Structure", which also involves members of the EAN community and users, right from the initial stage of assessment of a Change Request through to the ultimate implementation. This ensures that EAN•UCC users have a greater input into EAN•UCC standard making.

Sharing the same field of vision is like speaking the same language.

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SIMPLIFIED ORGANISATION STRUCTURE

GSMP Management

GSMP User Groups → **GSMP Operations** (Central Operation Groups)

To promote the service and encourage more MO staff and user companies to participate, GSMP's tagline was developed and reads: "GSMP: the engine that powers the EAN•UCC system", and a marketing and communications web site was set up: www.mygsmp.org

The first year of operations has seen both the generation of output on an increasing scale and a continuing refinement of the process. Every request for a change to an existing standard or for a new one becomes the subject of a "Change Request", which has become the unit of measure in input/output and process timescales. The summary of output for 2002 was 61 Change Requests for Electronic Data Interchange (EDI) matters resolved and 12 Change Requests for Automatic Identification and Data Capture (AIDC) matters. The latter included the General EAN•UCC Specifications, version 4.0 published in January 2003. This was the first occasion that the specifications, which are revised annually, were progressed through the GSMP. In addition, the Global User Manual (the simplified version of the General Specifications) was released as version 5.0 in March 2003.

One significant output of GSMP was the long awaited release of the GTIN Allocation Rules, which received wide applause and endorsement from many GCI Companies. This year has also seen us delivering key foundational work for the future work of GSMP. We developed and finalised major pillars on which to enhance further adoption of the EAN•UCC system:
- an eb-Methodology
- a Global Data Dictionary (GDD)
- a Global Product Classification (GCP)

One year after the launch, the opportunity was taken to enable all those involved in the process to meet together by holding an event in Brussels at the end of February 2003 to celebrate the first anniversary of GSMP. It was very much a "hard-working" event as more than 200 delegates from the five continents attended to join the physical meetings of all the Requirement Groups and the Technical Development teams.

Vision
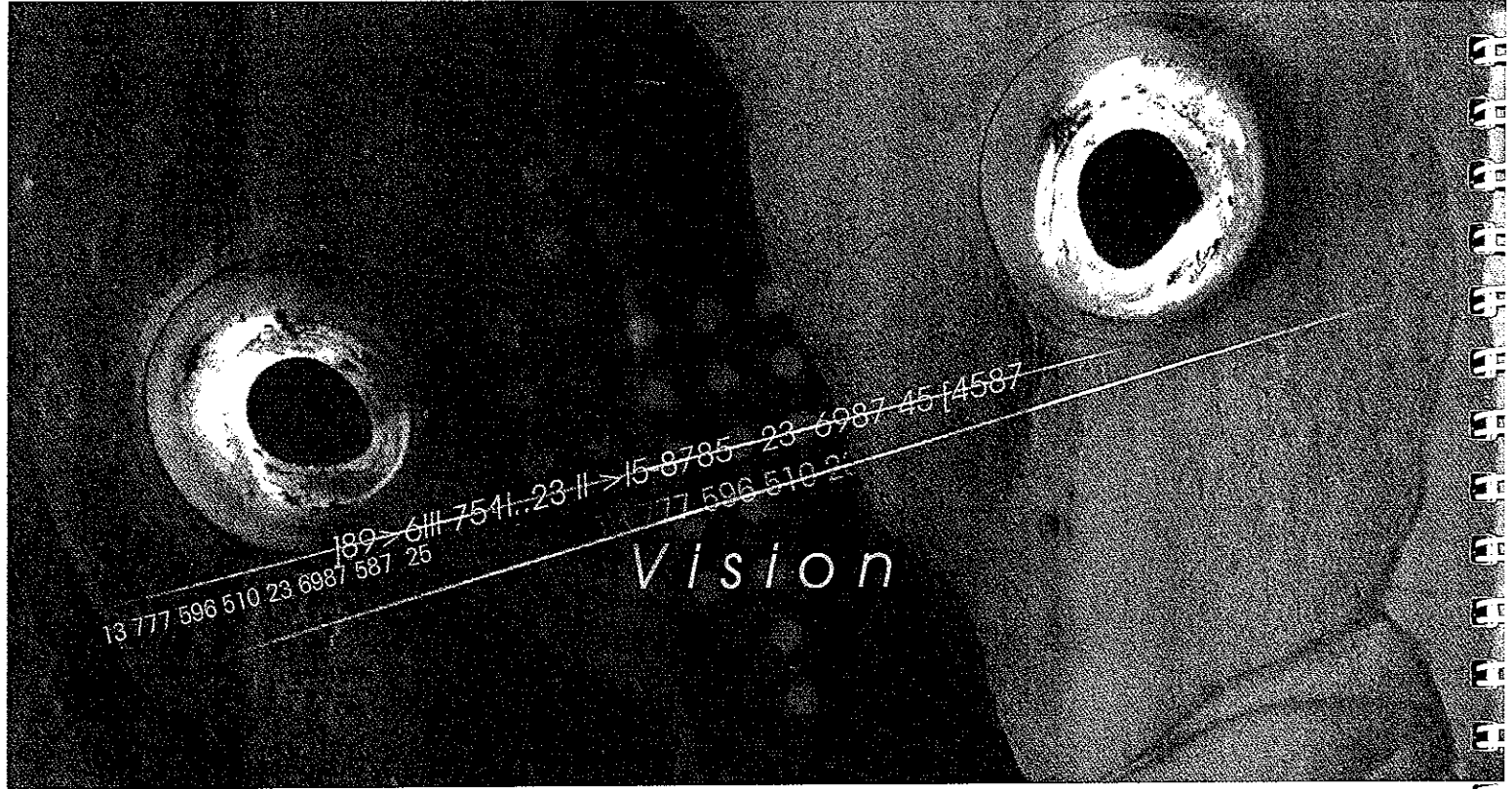
Global Logical Registry

In October 2002, EAN International agreed to endorse a registry service based on the EAN•UCC standard that was being developed by GSMP to be delivered by UCCnet as the central item data registry for international commerce subject to the satisfactory resolution of a number of key issues. These are:
- The service complies with EAN•UCC standards,
- The service can be demonstrated to be cost-effective and affordable to the global business community
- The service can deliver a global service (hours of support and language coverage).
- The service should also, where practical, be designed to anticipate future market requirements.

In support of this agreement, EAN International began encouraging EAN Data Pools to join this registry service in order to advance the efforts for global supply chain collaboration. This announcement also received the support of the Global Commerce Initiative (GCI), which commended the work of EAN International and the UCC at its Executive Board Meeting on October 16th in New York City. At that meeting, GCI also endorsed the Registry service to be provided by UCCnet as long as there was a satisfactory resolution of the key issues.

The agreement between the organisations represents an important step in improving global supply chain management practices ($40 billion, or 3.5 percent of total sales, are lost each year due to supply chain

information inefficiencies according to a recent study by A.T. Kearney).

EAN International and the UCC, along with GCI, have agreed to encourage their users to implement this registry service provided by UCCnet.

The Registry Service provided by UCCnet will serve as the central repository for standardised item information. EAN member product catalogues such as AMECE in Mexico; Cabasnet, used jointly by seven MOs in Latin America; EANnet in Australia; SINFOS International in Germany, Austria and The Netherlands; Edb in Switzerland, as well as ECCnet in Canada, will be able to offer to their subscribers an ability for their data pool to registrar minimum product information which will allow a global search facility.

Both the registration of products and the search facility to the registry service is provided through the home data pool in which the supplier elects to place his product or the home data pool that a party elects to use for search purposes. The only access to the registry service is through a home data pool. Furthermore, the investment made by many MOs in the GEPIR (Global EAN Party Information Register) project is recognised and a project group has been set up to understand how this can best be utilised within the Global Data Synchronisation vision.

Global Product Classification

Every manufacturer and retailer describes the same products in their databases in a different way. Global Product Classification is a methodology that groups products into blocks called 'bricks' and associated 'attributes' and 'values' in order to bring commonality to the way products are described and support business processes. It enables: the searching of logical and flexible product categories; custom category analysis and the simplification and efficiency of data synchronisation.

It was always envisaged that this would not be run "in house" by the community but through the services of a dedicated service provider. A commercial contract and service level agreement is close to being finalised between EAN International and a Service Provider.

The service will operate with MOs licensing FMCG Retailers & Manufacturers as users and Solution Providers that manage Exchanges or are Catalogue or Data Pool Operators or are Software Vendors. It will be organised in such a way that cost recovery is fair to all MOs and the system is simple for global users.

It is expected that by May 2003, the contract between Head Office and the Service Provider will be in place and the service can be launched. There will be an ongoing Marketing and Communication Campaign to further promote take up from Industry.

The service will provide MOs with a new business opportunity and balance both user and MO needs.

Sharing a common vision

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Vision
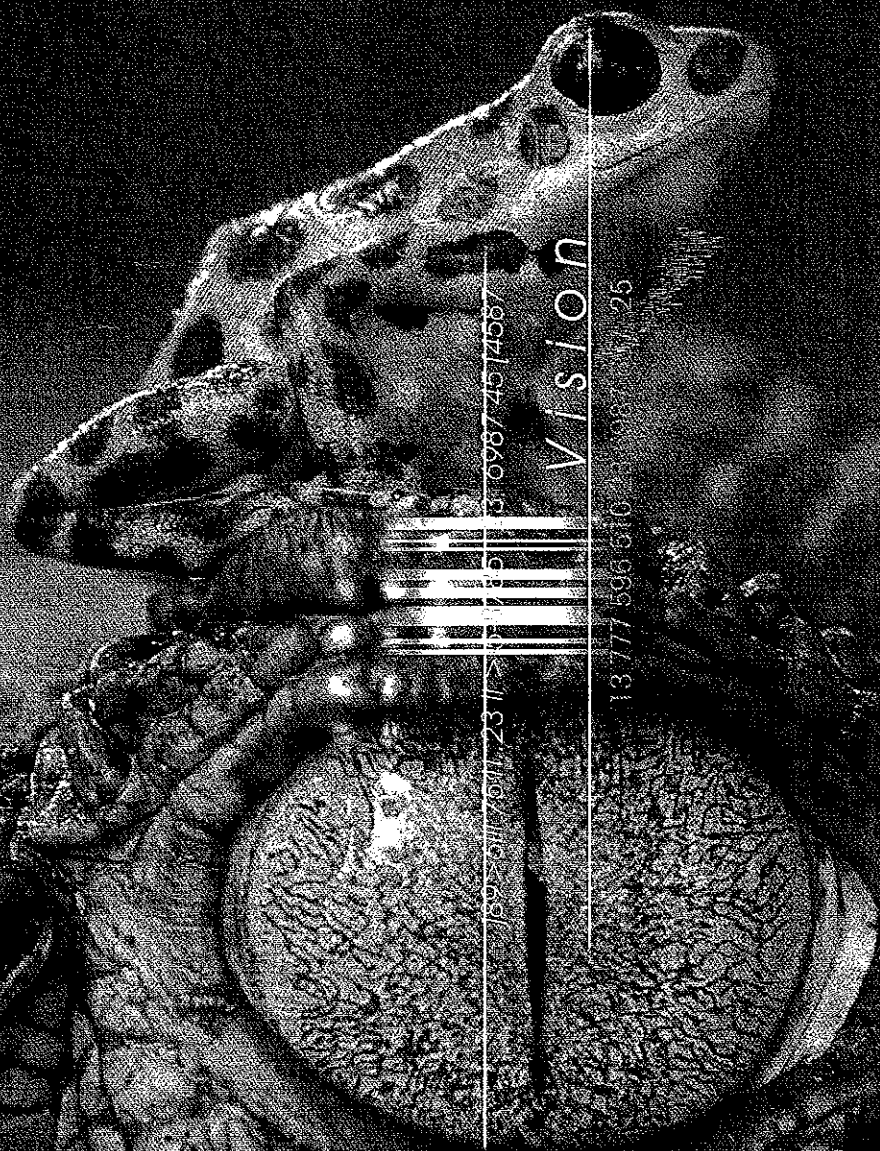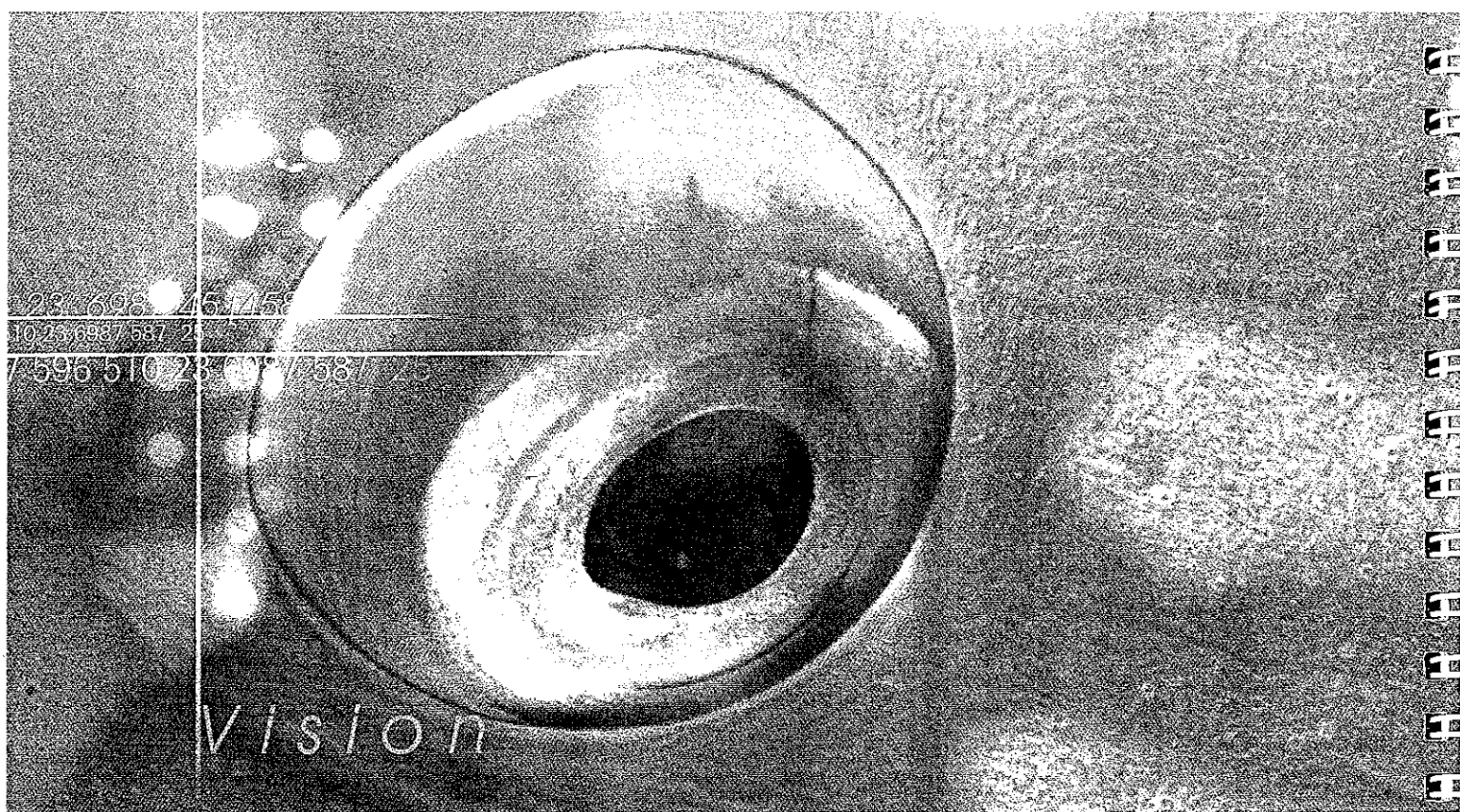
EANCOM® 2002

At the year end the new version of EANCOM·, The EAN International Electronic Data Interchange Standard, a subset of UN/EDIFACT, was released under the name EANCOM® 2002 to replace the previous version EANCOM® 1997, which will no longer be maintained.

The latest version is based on the UN/EDIFACT directory D.01B, which incorporates security messages and other additional functionality not available in the EANCOM 97 release, which had been based on the earlier D.96A UN/EDIFACT standard. The new version is also aligned with the General EAN•UCC Specifications as it no longer employs the old terms for locations and products/services, but uses Global Location Number (GLN) and Global Trade Item Number (GTIN).

EANCOM· 2002 replaces EANCOM· 1997 as the supported EDI standard and is available to the EAN community on the EAN On-Line section of the EAN International website and for users it is available from MOs on CD. Two versions are available, a users version and also an experts version, which is augmented by references to the implemented change requests. This should help experts understand the nature of the agreed changes.

Far-sightedness opens the doors to a common way of communication.
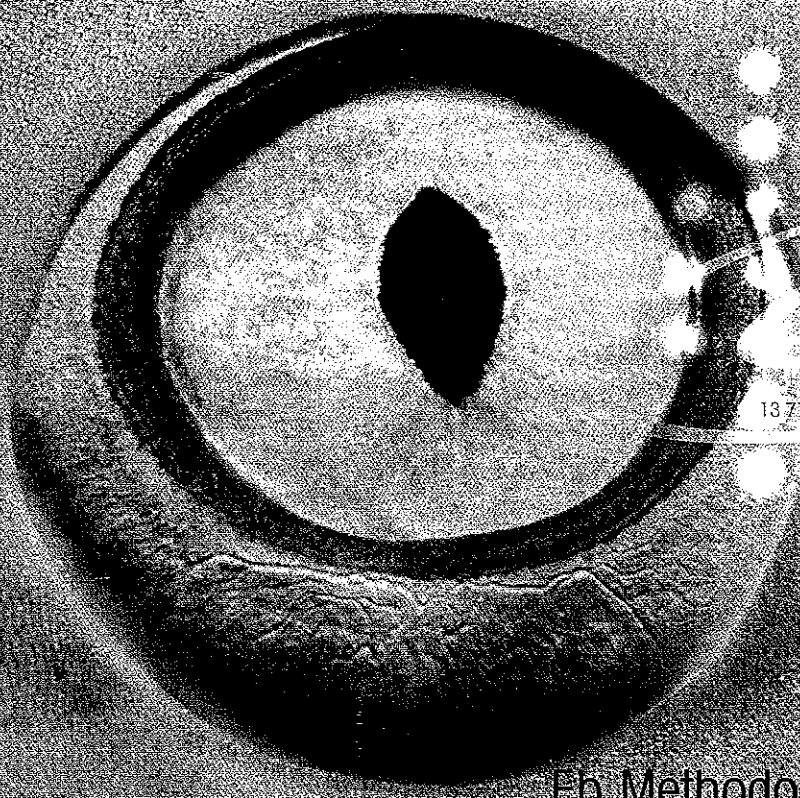
During the year the project team developing a EAN•UCC Methodology for the development and maintenance of e-Business Standards, the EAN•UCC e-Business Methodology, completed its work and it was approved.

To develop robust e-Business standards it is essential to capture business requirements precisely in a consistent manner using a complete set of Electronic Business Methodologies (eBMethodology). Adopting this practice provides a firm basis on which to generate standards using the operational technologies including Electronic Data Interchange (EDI), eXtensible Mark-up Language (XML) or Automatic Identification and Data Capture (AIDC).

The Global Standards Management Process (GSMP) is the way by which EAN•UCC standards are developed or revised, but to be fully effective it is incumbent on all participants of this process to work to a common methodology based on a set of formal rules and practical guidelines.

The primary basis for the EAN•UCC eBMethodology is a series of well-established international standards, specifically electronic business XML (ebXML) and the UN/CEFACT Modelling Methodology (UMM). Alignment with these international standards in the development of EAN•UCC standards ensures speedy development, maximum information interoperability and ease of long-term maintenance. Adherence to these principles also ensures that EAN•UCC continues to deliver quality and trusted open global standards in support of the EAN•UCC system.

The eBMethodology documents are intended to guide the user through the implementation of international agreed standards (i.e. UN/Cefact, ebXML) within the EAN•UCC domain.

The eBMethodology provides a comprehensive set of documents that cover four implementation areas:
- EAN•UCC Modelling Methodology, which describes the usage of modelling techniques to document business needs in compliance with the UN/CEFACT Modelling Methodology (UMM) and makes use of Unified Modelling Language (UML);
- EAN•UCC Core Components Methodology, which presents a more flexible and inter-operable way of standardising business semantics to maximise information interoperability based on ebXML;
- XML Design Rules for EAN•UCC, which is a standard and strict way to translate UML class diagrams into XML data representations and thus also provides the guidelines for XML schema design; and
- EAN•UCC XML Communications Architecture, which is a standard way to assemble XML data representations into a business message in compliance with the overall XML architecture and details the specification of the layered approach, the support to the messaging standards and an exact description of the transport protocol customisation.

During the course of the year the EAN•UCC XML schemas, published in the previous year, were revised through GSMP.

Technology offers new and innovative perspectives.

Vision

GTAG

Radio Frequency Identification (RFID) technologies present opportunities for supply chain management applications complementary to the ubiquitous bar code, but, to be effective, they require open standards. EAN International and the UCC have taken a pro-active role in this field since 1996, resulting in the GTAG Technical Specification. The "air interface protocol" - the method by which readers communicate with tags - has been developed in collaboration with the International Organization for Standardization (ISO). EAN and UCC, through GTAG, were prime contributors to the ISO standard, which will soon be ratified as ISO 18000-6. This ISO document (which during the year had become a Committee Draft available for public scrutiny and use) is an important technical standard for the community of RFID manufacturers and system integrators, which will develop, manufacture and sell standards-compliant and GTAG-compliant products and systems.

The scope of GTAG is restricted to defining a globally applicable RFID technology, in the same way that EAN and UCC have standardised bar code symbologies, so that GTAG-compliant products can be easily integrated into existing data capture systems that employ the EAN•UCC system, and in particular to achieve data consistency independent of data carrier technology.

EPC

The "Electronic Product Code" (EPC) is the brainchild of the Auto-ID Center, which was set up in 1999 at the Massachusetts Institute of Technology (MIT) by a group of founding sponsors that included UCC, Procter & Gamble, and Gillette. The EPC system utilises RFID as the data carrier, and requires network connectivity to retrieve information pertinent to a specific EPC. Unlike the EAN•UCC GTIN, which refers to a specific product specification, an EPC uniquely identifies each instance of an object type. The Auto-ID Center is developing sophisticated Internet-based systems and services in order to marshal the vast amount of data that this creates.

The vision of EPC is entirely in accord with EAN's and UCC's thinking and position, and is profoundly important to EAN and UCC as a means of enhancing global commerce. EAN International's participation in the project and in the practical issues as it moves from the development stage to eventual availability and operation is being conducted at the highest level.
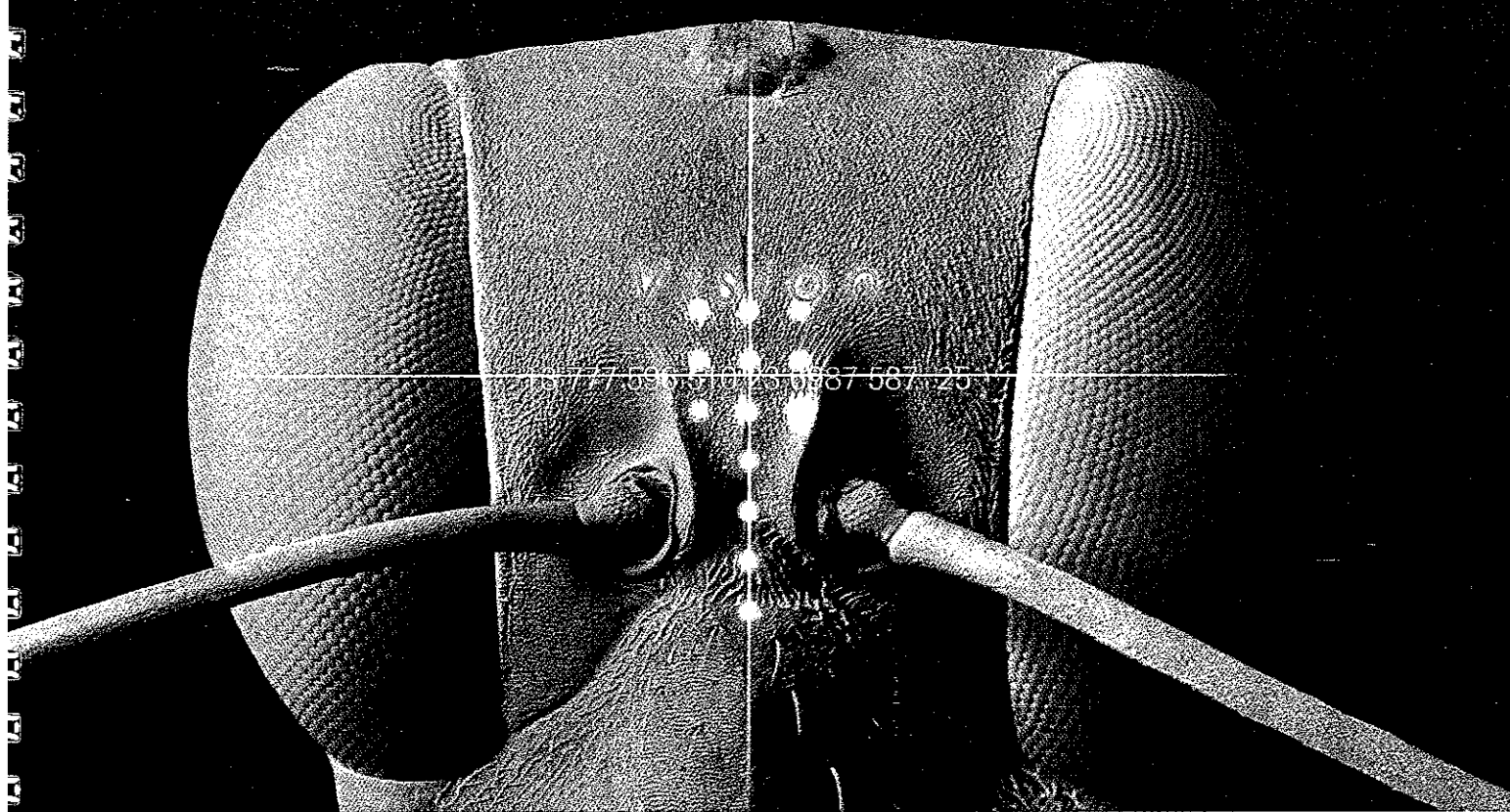
Reduced Space Symbology (RSS)

Reduced Space Symbol and Composite Symbols have been developed by EAN International and UCC to bar code small items where space for a conventional bar code is not available. While work is currently underway to define a number of application standards for these symbologies, to date only the "Very Small Healthcare Items" application guideline has been approved. It was published in January 2002. Only when application standards and rollout schedules are established will EAN International and the UCC endorse the use of these symbologies for use in other open supply channels.

A number of full supply chain applications have been implemented in Healthcare in the USA and particular interest is being shown in several European countries, with a small number of trials being conducted. In the last year a company in The Netherlands that packs and repacks pharmaceutical products for some major national suppliers implemented a second pilot trial through the supply chain with a supplier, a wholesaler and a hospital pharmacy having found hard and software suppliers to provide equipment. This extended trial is on-going and was spurred on by the successful outcome of a more limited trial that it had conducted in the previous year.

Tiny, yet highly complex with immense processing power giving intensive vision.

The e-learning Web Site

The Internet electronic learning package, which was launched last year and is accessed through the EAN international website, enables the more than 1500 staff of the Member Organisations (MOs) around the world to learn about the EAN•UCC Standards and other relevant areas without increasing their training budgets. It is proving highly successful.

It is imperative that MO Staff, whose principal task is to encourage and assist their members in using the full range of EAN•UCC standards, are competent in their own knowledge of the standards. This requires a high standard of training and they must all maintain a similar standard of training world wide, which the Head Office based e-learning project now provides. It has been well received as at the year end there are over 600 registered users for LEARN covering staff from 78 MOs together with staff from 68 member companies to whom access has been enabled by their local MOs.

Since its launch the site has expanded. It was established in English, the official language of EAN, but at the initiative and through the support of the Latin American MOs it was also launched in Spanish in June 2002. The package is modular in concept and during the year two further modules were added in October 2002 to complement the four basic components that cover the fundamental elements and applications of the system.

The new modules are "Warehouse", which covers the standards for logistic processes, Serial Shipping Container Code (SSCC), logistics labels, Global Location Numbers (GLNs) and returnable assets, and "Supply Chain Management", which covers the various components of effective supply chain management. The next module, which is planned for release in April 2003, will be Print Quality and Verification.

What the eye can see, the brain can remember.

In responding to the need for a global approach to standards as international trade increases, it was enshrined in the EAN Strategic Plan 2002-2005 that a global marketing strategy would be implemented to reinforce EAN's message and, subsequently, the usage of EAN•UCC standards on a global scale.

The Standards in Action (SIA) programme was adopted as the common marketing theme for the entire EAN Community marketing approach in order to promote the global adoption of EAN•UCC standards and to reinforce EAN International's position as "The Leading Standards Organisation for Supply Chain Management".

Launched in April 2002, by a major exhibition services provider in the computer and allied technology sectors, the SIA Programme was built around the EAN•UCC standards, but initially intended just to provide retailers, their suppliers and systems vendors with a better understanding of interoperability across the supply chain. The increased awareness, in turn, would enable them to encourage systems vendors to provide high levels of compliance. However, it was quickly appreciated that the programme could have a much wider application in the global promotion of the EAN•UCC standards.

Following amicable negotiations, MoonWatch Media, the programme owner, signed an agreement with EAN International at the year end handing over ownership of the Intellectual Property (IP) of the name and logo of Standards In Action. This transfer of the IP ownership confirmed the importance of the name to EAN International and has enabled it to increase the scope of the programme, and to roll it out to the entire EAN Community. The scope now covers all Marketing and Implementation programmes of the EAN•UCC System.

The original goal of the programme, to provide forums to encourage Solution Providers to embed EAN•UCC Standards in their software developments has been augmented by further key roles: the Integration of Implementation Initiatives (in coordination with GCI and ECR); the promotion, adoption and usage of EAN•UCC Standards (Conference, Events – speakers, exhibition stands) and as a Communication Vehicle for all current and future marketing initiatives throughout the community. There is no doubt that the wide scale adoption of SIA throughout the EAN Community will greatly facilitate promotion of the business case for Global Standards and drive implementation of the EAN•UCC standards to the next level.
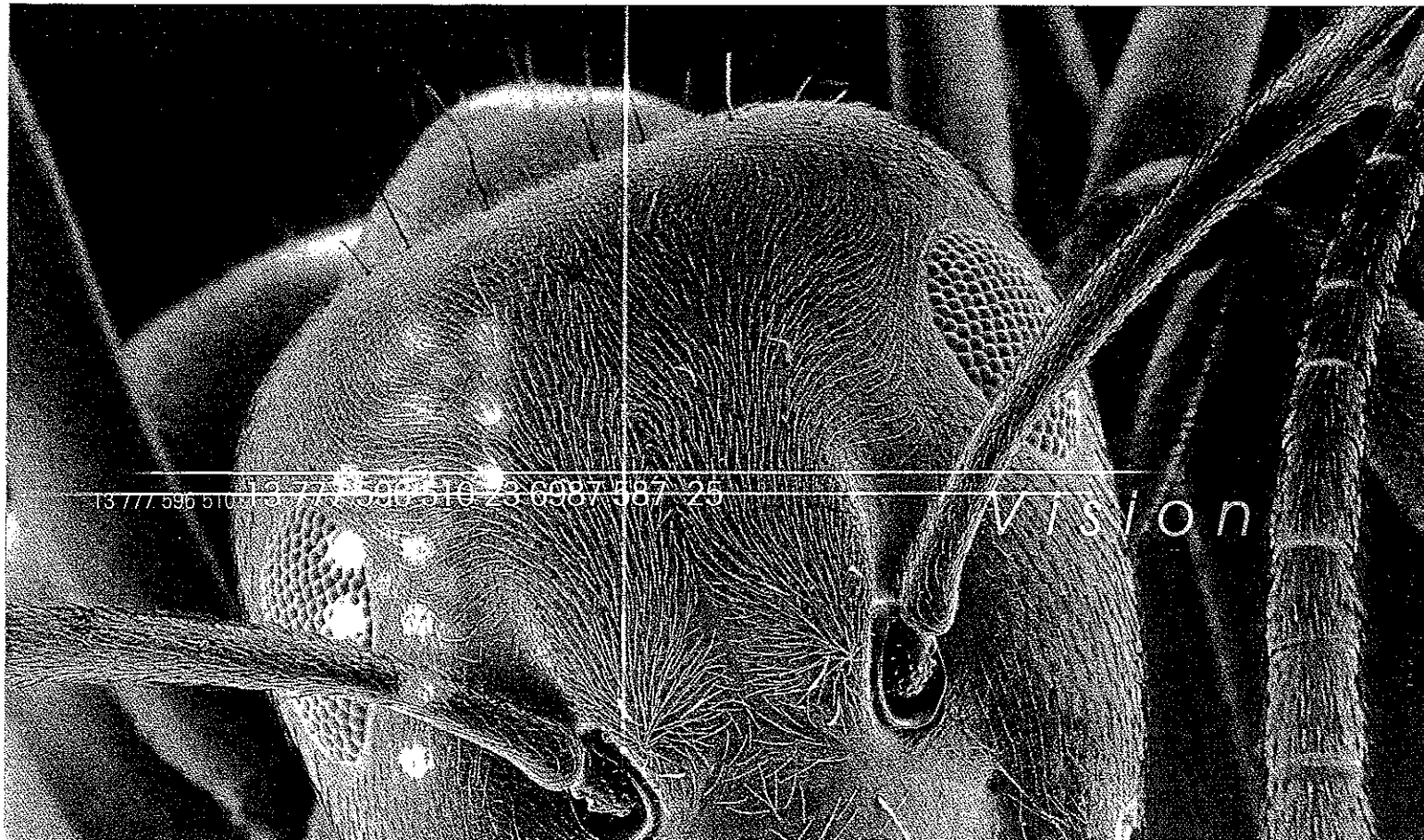
Improving ties within the EAN community

The network of EAN International and the MOs is a community of some 1500 dedicated people serving the one million membership with strategic help and practical assistance in using the standards. Although they operate in many different languages and cultures the standards are the same throughout the world. Through practical experience many MO staff members have become experts in a wide variety of business sectors and technologies. To assist in harnessing this expertise for the better use and closer ties of the community, the Network Synergy Group was formed. It is comprised of the CEOs of five MOs drawn from most regions of the world and is co-ordinated by EAN International.

One of the group's recent successes has been the implementation of a web based EAN Community Database, which has been designed exclusively for EAN MOs to help improve the collaboration between staff of MOs and the exchange of knowledge within the community. The Database is available to MOs from the EAN On-Line side of the EAN International website through a password controlled access system.

This database has several roles, one of which is to assist MOs throughout the world in marketing and implementation projects by providing, for example, proven case histories of successful implementations and the benefits gained. When either approached by, or targeting a new business sector, an MO can draw on these proven cases from other countries without having a track record of its own. In addition, by having access to a wide range of international and national publications and to documented organisational capabilities of other MOs, which are other functions of the database, an MO can improve the quality and deliver a greater range of services to its users.
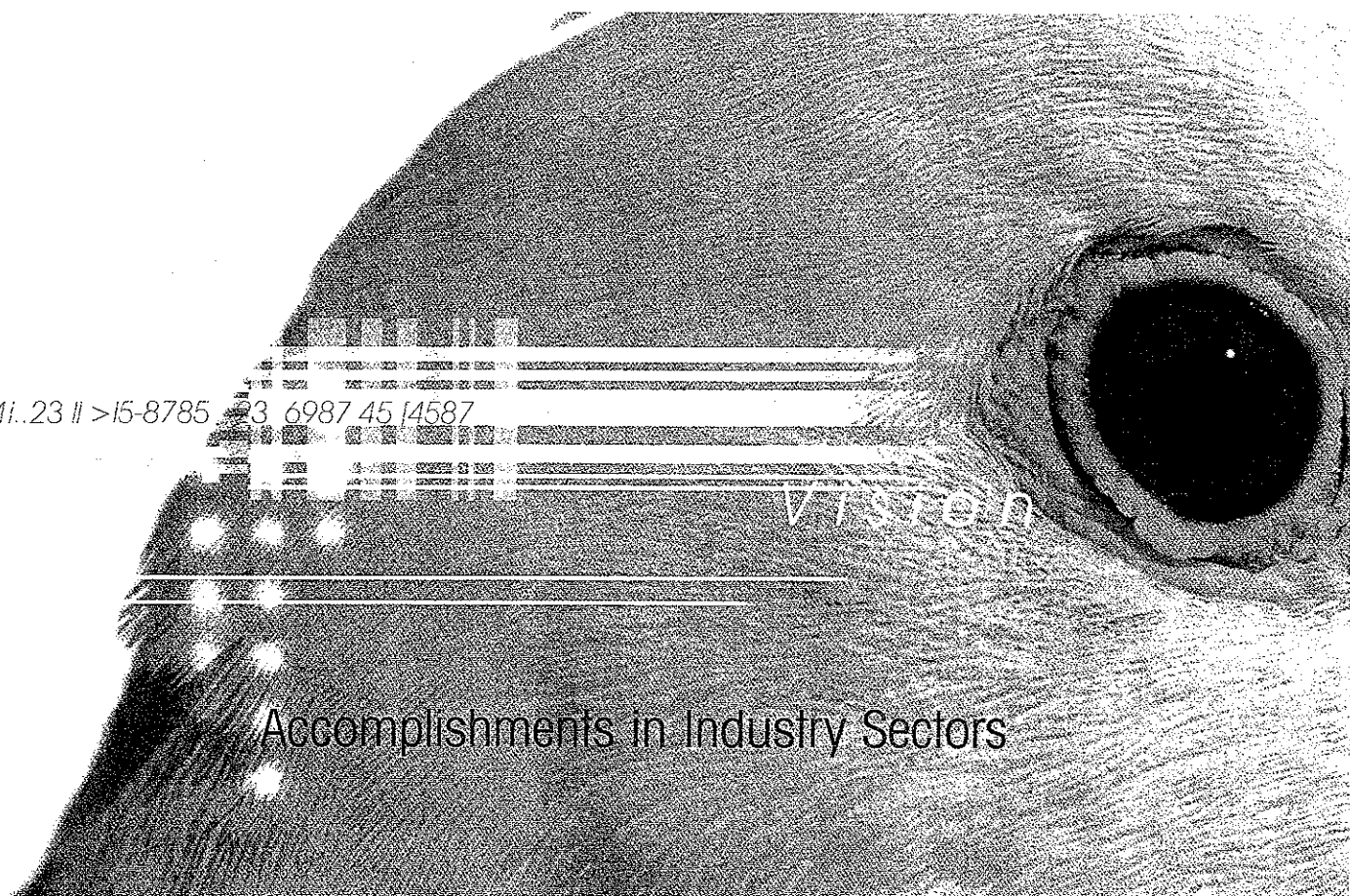
Sharing the same vision leads to better working partnerships.

Healthcare

The ability to track and trace medical products in the supply chain is now at the top of the agenda for healthcare management. The need to improve the efficiency of logistic processes and the requirement to reduce medical errors are all driving healthcare providers to focus increased attention on the use of bar code solutions in their business processes.

During the year EAN International, working closely with many MOs, took the opportunity to strengthen its position and gain more users in the healthcare sector by launching two global projects, one in manufacturing and one in services. On the manufacturing side, guidelines on the usage of the EAN•UCC standards in the pharmaceutical, medical & dental devices, implant and medical equipment, sub sectors are in preparation and on the services side further guidelines on the usage of the EAN•UCC standards in the hospital environment are also in preparation.

Many consumable items in healthcare, for example, unit doses of medicines, are extremely small and have little surface space available for bar coding. The recently developed Reduced Space Symbology barcode (RSS) is ideal in this situation and during the course of the year an RSS toolkit was developed and promoted. One promotional opportunity for RSS was participation in a Healthcare "Blister Pack" conference in Vienna. In addition, EAN International has participated in the Medtech exhibition in Germany and the first pharmaceutical supply chain event Logipharma in Geneva.

Major success during the year were:
- the much publicised endorsement of the EAN•UCC standards by GHX, Global Healthcare Exchange following a collaborative campaign by Head Office and a number of MOs.
- the Healthcare Forum launched in February 2003 and to which 38 MOs have signed up.

In advance of the formation of a Global Healthcare Initiative under the guidance of Head Office, the Western European MOs launched their own European Healthcare Initiative. They had moved quickly as their researches had revealed both advantageous prospects and an opportune moment. This three year trial initiative is funded by the participating MOs and has been set up by agreement with Head Office such that its operational experiences will greatly assist in moulding the framework of the Global Healthcare Initiative when that, too, gets under way.

For a number of years EAN International has been a member of the International Hospital Federation (IHF) and at the year end it was invited to contribute to the IHF's next global event in August 2003 on the subject of Patient safety and Information technology. The event will be staged in the USA and the national MO, UCC, will participate in conjunction with EAN International.

Keeping an observant eye on health issues.

Traceability and Global Food Safety

Increasing interest by governments, the World Health Organisation and other regulatory bodies for the protection of consumers' health, which are concertedly seeking to ensure fair practices in the food trade and promote coordination of all food standards work has provided EAN International with an opportunity to widen its area of influence. It is endeavouring to encourage solution providers to embed the EAN•UCC standards into their software.

In addition to Guidelines for meat and fresh produce published in recent years, a guideline for fish, both farmed and caught in the wild, was prepared and approved during the course of the year. The project for its preparation was led by EAN Norway and the project team comprised representatives of MOs from countries where fishing is a major industry.

In October TRACE-S, an overall strategy on Traceability, was approved and just after the year end the TRACE-I document, the generic multi sectoral guideline produced to enable MOs to write local guidelines for any sector or product line, was also approved. This will be particularly valuable for the Food supply chain and many MOs are expected to take advantage of it for the production and export of local produce. Already, EAN South Africa has produced an implementation guideline for fresh produce and e.centre – EAN UK is in the process of producing one. EAN Australia has produced a guideline for meat and livestock. EAN Belgium.Luxembourg has produced implementation guidelines for both meat and for fresh produce.

Transport

Liaison with the International Federation of Freight Forwarders Associations, (FIATA), a large industry forum, has been amplified with the circulation by FIATA of the Memorandum of Understanding agreed with EAN International to their members in more than 140 countries. A study analysing the business opportunities in this sector is being conducted by EAN HO and will be presented to the Management Board in 2003.

Defence

EAN International participates in the NATO Asset Tracking working group and is monitoring preparations for the implementation by 1 January 2005 by the Defence organisations in NATO member countries of a number of recent NATO logistics standards (STANAGS) which require the use of some of the EAN•UCC standards. The appropriate EAN•UCC standard solutions are recommended for use in the logistic processes. MOs in NATO countries are exploiting the opportunity to increase memberships from companies that are suppliers to the Defence industry and will need to comply with the standards.

Collaborative Initiatives

During the course of the year strategic relationships with a number of key worldwide organisations were strengthened or initiated in order to press development of the EAN•UCC standards or to further their use. For example:

- UN/Cefact: for ebXML and eb Methodology
- International Organisation for Standards (ISO): for the RFID GTAG standard and the ISO committee TC20 WG for Aircraft and Space Vehicles identification
- Massachusetts Institute of Technology (MIT), Auto-ID Center: for RFID and EPC
- World Customs Organisation (WCO): To encourage WCO to ensure that its Unique Consignment Reference (UCR) solution becomes EAN•UCC compliant
- Global Commerce Initiative (GCI): with which EAN International clarified the respective roles and focus areas
- United Nations Economic Commission for Europe (UN/ECE): for the Standardisation of Fresh produce and Food Trade facilitation
- The Management Group of a Memorandum of Understanding (MoU) between the International Telecommunication Union (ITU), International Electrotechnical Commission (IEC), UN/ECE and ISO aiming at the promotion of standardisation synergies

Additionally, significant progress was made in Business Development and a number of international associations were brought towards GSMP: These included The Wine and Spirits Federations, the International Federation for Produce Coding (IFPC) and the European Shoe Industry.

GEPIR

For the second year running the Global EAN Party Information Registry (GEPIR), the service that interconnects Member Organisation membership databases using Internet technology, has shown phenomenal growth by almost doubling the number of MOs that are now interconnected. From humble beginnings in 1999 when GEPIR was started by three Western European MOs: France, Sweden and Switzerland, the current number of member MOs covers 61 countries. EAN International hosts the GEPIR website from which initial entry to MO databases can be gained.

Public access is now available to addresses, contact details and company prefixes of some 420,000 companies around the world, simply by accessing their own country's website or directly through the GEPIR website. In some countries a GTIN or GLN can be used as the key to gaining information.

The service is truly indicative of the rate of globalisation of trade, abetted in great measure by the quick and easy access to accurate information through the Internet by GEPIR.

The eye allows us to discover all the different facets of a common reality.
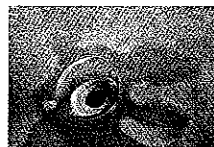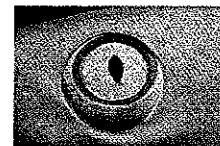
EAN International facts and figures

Snowy Owl

Northern Goshawk

Domestic cat

Lemon Shark

Poison Arrow Frog on
Spectacled Cayman
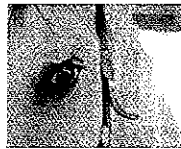

Bumphead Parrotfish.
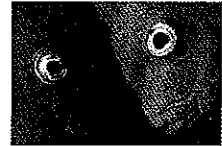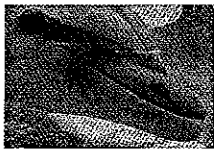

Dove

African lion

Ant

Giant clam

Horse

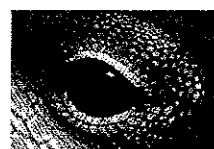Pair of Garibaldi fish

Ant head

Bottle Nose dolphin

White Monkey

Alaskan Husky

Green Anole lizard

Barcode Quality Verification

Helpdesk / Call Centre

Training / Education

Verification of processes for the allocation of EAN numbers

GEPIR

Benchmarking and/or Key Performance Indicators (KPI)
for Supply Chain Management and /or Logistics

Consulting Services on Implementation of EAN Standards

Data Synchronisation
(e.g. Pools/Alignment/Catalogue/Registry/Classification)

EDI Service Centre

National Supplier's Guide

Software for management of number allocation (users)

A

Algeria
1994

EAN ALGÉRIE - Organisation Algérienne
de Codification des Articles
Route Nationale 5, El Alia, Bab Ezzouar,
BP 285 Hacen Badi - El Harrach
Alger
T > 213 21 243099
F > 213 21 244512
eanalgerie@wissal.dz

Argentina
1985

EAN ARGENTINA - CODIGO
Viamonte 340/342, Piso 1
1053 Buenos Aires
T > 54 11 4510 1730
F > 54 11 4510 1740
aapcomer@infovia.com.ar
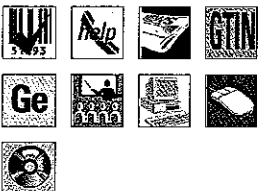www.codigo.org.ar

Armenia
1996

EAN ARMENIA - International Article
Numbering Non Governmental Organization
64/15 Baghramian Avenue
375033 Yerevan
T > 374 1 272 622
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eanarm@arminco.com
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Australia
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Austria
1977

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F > 43 1 5058601-22
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www.ean.co.at
www.ecodex.at
www.ecr-austria.at

Azerbaijan
1999

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370010 Baku
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Belarus
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EAN BELARUS
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220033 Minsk
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      375 17 229 09 13
      375 17 230 89 52
F > 375 17 229 06 60
      375 17 229 09 13
      375 17 230 89 52
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Belgium
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www.eanbelgilux.be

Bolivia
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EAN BOLIVIA
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Torre CAINCO , Piso 6
Casilla 180 Sta. Cruz de la Sierra
T > 591 3 3334555
F > 591 3 342353
ean.bolivia@cainco.org.bo
www.cainco.org.bo/ean

Bosnia
1995

EAN-BIH-BOSNIA HERZEGOVINA
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Sarajevo 71 000
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F > 387 33 66 36 34
ean-bih@komorabih.com
www.komorabih.com

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T > 55 11 3068 6200
F > 55 11 3064 3275
ean@eanbrasil.org.br
www.eanbrasil.org.br

Bulgaria
1991

Bulgarian Chamber of Commerce
and Industry (BCCI) - EAN BULGARIA
42 P. Parchevich str.
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    359 2 987 26 31
F > 359 2 987 32 09
eanbg@bcci.bg
www.bcci.bg
www.bcci.bg/ean.htm

Canada
1980

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ECCC
885 Don Mills Road,
Suite 301, Toronto
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info@eccc.org
www.eccc.org

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1989

EAN CHILE - Centro de Comercio Electrónico
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Santiago Centro
T > 56 2 3654216
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eanchile@eanchile.cl
www.eanchile.cl
www.cate.cl
www.revistabarras.cl
www.revistalyd.cl
www.cnc-once.cl

China
1998

ANCC Article Numbering Center of China)
East Gate-46
Yuzhongxili Dewai
Xicheng District
Beijing 100029
T > 86 10 62024528
    86 10 62024533
F > 86 10 62024523
    86 10 82029374
info@ancc.org.cn
ancc@public3.bta.net.cn
www.ancc.org.cn

Colombia
1989

IAC COLOMBIA - Instituto Colombiano
de Codificación y Automatización Comercial
Avenida El Dorado # 68 B - 85
Torre 2 piso 6
Bogotá
T > 57 1 4 27 09 99
F > 57 1 4 27 07 58
web@eancol.org
www.iaccolombia.org
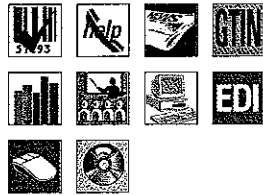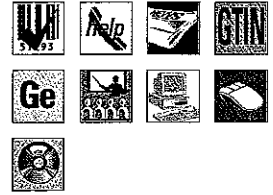www.cabasnet.org

Costa Rica
1998

Asociación de Numeración de Artículos
EAN COSTA RICA
Curridabat, de la POPS 25 metros al este,
Edificio Galerías de este,
primer piso - oficina #7
Apartado 11892-1000 San José
T > 506 224 3255
F > 506 224 4722
informacion@eancostarica.or.cr
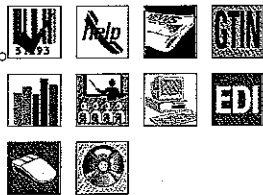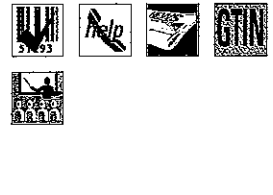www.eancostarica.or.cr

Croatia
1992

EAN CROATIA
Croatian Article Numbering Association
Tuskanac 14,
10000 Zagreb
T > 385 1 48 95 000
F > 385 1 48 95 001
ean-croatia@ean-croatia.hr
www.ean-croatia.hr
www.gate.sublink.hr/ean-croatia/ean.pl

Cuba
1990

EAN CUBA - Cámara de Comercio
de la República de Cuba
Calle 21 N° 701 esq. A Vedado,
Apartado 4237
10400 La Habana
T > 537 832 2693
F > 537 33 30 42
ean@camara.com.cu
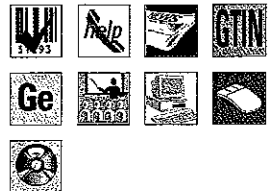www.camaracuba.com.cu

Cyprus
1985

Cyprus Chamber of Commerce and Industry
EAN CYPRUS
38,Grivas Dhigenis ave. & 3 Deligiorgis Str.
PO Box 21 455 Nicosia 1509
T > 357 22 889800
F > 357 22 669048
    357 22 665685
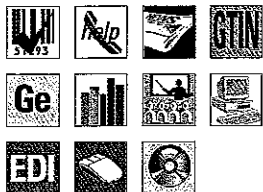ean@ccci.org.cy
www.ccci.org.cy

Czech Republic
1983

EAN CZECH REPUBLIC
Na Pankraci 30,
140 00 Praha 4
T > 420 234 633 156
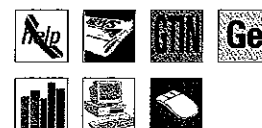F > 420 234 633 147
info@ean.cz
www.ean.cz
www.eankatalog.cz

Denmark
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EAN DANMARK
Hammershusgade 17
2100 Copenhagen
T > 45 39 27 85 27
F > 45 39 27 85 10
info@ean.dk
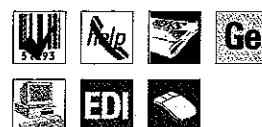www.ean.dk
www.lean.dk

Dominican Republic
1995

EAN REPÚBLICA DOMINICANA
Avenida John F. Kennedy, C/Padre Claret,
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Egypt
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El Salvador
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Estonia
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T > 372 6 50 50 63
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Finland
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T > 358 9 69 69 69
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eaninfo@wtc.fi
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www.kauppakamari.fi

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92137 Issy-les-Moulineaux Cedex
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www.EANnet-France.org

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www.gcci.org.ge/ean

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www.ean.de
www.ecr.de
www.ebccg.de

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Guatemala
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Honduras
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3° piso - Vivel Apartado Postal 2162
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1989

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Iceland
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IS-105 Reykjavik
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ean@ean.is
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India
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502-503, Arunachal Building
19, Barakhamba Road,
New Delhi - 110001
T > 91 11 23719638
91 11 23713117
91 11 23713112
91 11 37311638
F > 91 11 23719626
ean@nda.vsnl.net.in
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www.eanindia.org

Indonesia
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C/o Codex Universalis Foundation
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F > 62 21 31 03 357
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www.ean.or.id

Iran
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No. 19, Shahid Abdollahzadeh St.
Keshavarz Blvd -PO Box 14155
5965 Tehran
T > 98 21 8970146
98 21 8970149
98 21 8970964
98 21 8964744
F > 98 21 8963425
eaniran@irtp.com
www.eaniran.com

Ireland
1992

EAN IRELAND
Confederation House,
84-86 Lower Baggot Street,
Dublin 2, Ireland
T > 353 1 605 1539
F > 353 1 638 1539
info@ean.ie
www.ean.ie

Israel
1984

Israeli Barcode Association- EAN ISRAEL
29 Hamered St.
Industry House,
P.O.Box 50022
Tel Aviv 61500
T > 972 3 5198839
972 3 5198714
F > 972 3 5162082
sigalb@industry.org.il

Italy
1977

INDICOD (Instituto Nazionale per
la Diffusione Della Codifica dei Prodotti)
Via Serbelloni 5,
20122 Milano
T > 39 2 7772121
F > 39 2 784373
indicod@indicod.it
www.indicod.it

Japan
1978

The Distribution Systems Research Institute
DCC-JAPAN - Distribution Code Center
3F Place Canada
7-3-37 Akasaka Minato-ku
Tokyo 107-0052
T > 81 3 5414 8505
F > 81 3 5414 8514
jan@dsri-dcc.jp
www.dsri-dcc.jp

Jordan
1997

Jordan Numbering Association
EAN JORDAN
PO BOX 7704,
Amman 11118
T > 962 6 5603507
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ean@jedco.gov.jo
www.ean.jedco.gov.jo

Kazakhstan
1996

EAN KAZAKSTAN
47, Mynbaiev str.
Almaty, 480008
T > 7 3272 756578
F > 7 3272 755932
    7 3272 479348
info@ean.almaty.kz
www.ean.kz
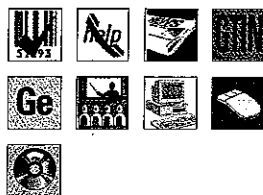
Kenya
1999

EAN KENYA Ltd.
Protection House, 7th floor, suite W.O.1
Hellie Sellasie Av. Parliament Road
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T > 254 2 313206
F > 254 2 219755
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2000

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    965 4310833
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Kyrgyzstan
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Article Numbering Association
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Bishkek 720002
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ean-kg@elcat.kg

Latvia
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Riga LV-1010
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F > 371 7 332 276
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Lebanon
1996

EAN LEBANON
Justinian Street
CCIAB Building
P.O.Box 11
1801 Beirut
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    961 1 744 774
F > 961 1 743 377
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PO Box 3633 Tripoli
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F > 218 21 3690028
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www.eanlibya.org

Lithuania
1994

EAN LITHUANIA - Association of
Lithuanian Chambers of Commerce,
Industry and Crafts
J.Tumo -Vaizganto Str. 9/1,
LT-2001 Vilnius
T > 370 5 2614532
F > 370 5 2621403
ean@chambers.lt
www.chambers.lt

Macau
1999

EAN MACAU
Rua de Xangai, No. 175,
Edf. ACM, 6-Andar
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F > 853 780748
eanmacau@cptim.org.mo
www.ean-macau.org.mo

Macedonia
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ean@ic.mchamber.org.mk
www.mchamber.org.mk

Malaysia
1988

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Bandar Sri Damansara,
52200 Kuala Lumpur
T > 603 62761211
F > 603 62761042
eanmalaysia@fmm.org.my
www.eanmalaysia.com.my
www.fmm.org.my

Malta
1992

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69/3 Ta' Xbiex Seafront
Ta' Xbiex MSD12
T > 356 21 337 225
    356 21 337 228
F > 356 21 332 336
info@eanmalta.org.mt
www.eanmalta.org.mt
www.ebizfoundation.org

Mauritius
1994

Mauritius Chamber of Commerce
and Industry
3, Royal Street
Port-Louis
T > 230 208 3301
F > 230 208 0076
mcci@intnet.mu
www.mcci.org

Mexico
1987

AMECE - Asociación Mexicana de
Estándares para el Comercio Electrónico
Horacio no. 1855-6,
Col. Los Morales Polanco,
11570 Mexico D.F.
T > 52 55 53 95 20 44
F > 52 55 53 95 20 38
info@amece.org.mx
www.amece.org.mx
www.ecr.org.mx

Moldova
1995

EAN MOLDOVA
63 Kogalniceanu Street,
Office 52,
2009 Kishinev
T > 373 2 24 16 69
F > 373 2 24 16 69
info@ean.md
www.ean.md

Morocco
1993

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20100 Casablanca
T > 212 22 39 19 13
F > 212 22 39 19 14
ean@ean.ma
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Netherlands
1977

EAN NEDERLAND
Tourniairestraat 3,
1065 KK Amsterdam
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F > 31 20 5113830
info@ean.nl
www.ean.nl

New Zealand
1981

EAN NEW ZEALAND Incorporated
P O Box 11-110,
Mainzeal House
181-Vivian Street
Wellington
T > 64 4 801 0833
F > 64 4 801 0830
ean.nz@ean.co.nz
www.ean.co.nz

Nicaragua
1998

Instituto Nicaragüense de Codificación
EAN NICARAGUA
Rotonda el Gueguense 300 mts. al sur,
Edificio CADIN
Managua
T > 505 266 9810
    505 266 8848
    505 266 8851
F > 505 266 9810
eannicaragua@cadin.org.ni

North Korea
1999

EAN DPR KOREA
Inhung 1-dong
Moranbong District
Pyongyang
T > 850 2 18111
F > 850 2 381 44 80

Norway
1977

EAN NORGE
Spireaveien 6,
Postboks 454 Økern,
0513 Oslo
T > 47 22 97 13 20
F > 47 22 65 56 21
firmapost@ean.no
www.ean.no

Panama
1998

EAN PANAMA
República de Panamá,
Transistmica, Edificio Mil,
Oficina 235
T > 507 261 4450
    507 261 4540
F > 507 261 4523
info@eanpanama.org
www.eanpanama.org

Paraguay
1994

EAN PARAGUAY
Rca. de Siria 350, 1er. Piso,
Asunción
T > 595 21 20 25 18
F > 595 21 20 25 18
ean@ean.com.py
www.ean.com.py
www.catalogoelectronico.com.py

Peru
1989

EAN PERU
Av. Javier Prado Oeste 2150
San Isidro
T > 51 1 2211000
F > 51 1 4400270
eanperu@eanperu.org.pe
www.eanperu.org
www.eannetperu.org
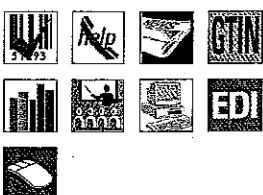
Philippines
1993

Philippine Article Numbering Council, Inc.
20 San Rafael St.,
Bo. Capitolyo,
1603 Pasig City
T > 632 6370897
632 6370898
F > 632 634631
pancsrvr@panc.org.ph
www.panc.org.ph
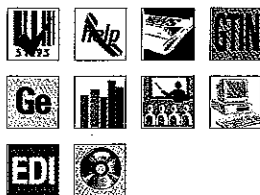
Poland
1990

Institute of Logistics and Warehousing
EAN POLAND
Ul. Estkowskiego 6
61-755 Poznan
T > 48 61 852 76 81
F > 48 61 852 63 76
ckk@ilim.poznan.pl
www.ean.pl
www.ilim.poznan.pl

Portugal
1986

CODIPOR - Associação Portuguesa para
a Identificação e Codificação de Produtos
R. Prof. Fernando da Fonseca, 16
Escritorio II
1600-618 Lisboa
T > 351 21 752 07 40
F > 351 21 752 07 41
codipor@codipor.pt
www.codipor.pt

Romania
1994

EAN ROMANIA
50A Aviatorilor
Av., Ward 1
Bucharest
T > 40 21 230 1302
40 21 230 1466
F > 40 21 230 1467
ean@ean.ro
www.ean.ro
www.bkode.ean.ro
www.solutii.ean.ro

Russia
1986

UNISCAN / EAN RUSSIA
Automatic Identification Association
53, Prospekt Vernadskogo - Floor 9
P.O. Box 4
Moscow, 119415
T > 7095 785 7656
7095 432 8824
7095 432 7612
7095 432 1707
F > 7095 785 2748
info@ean.ru
www.ean.ru
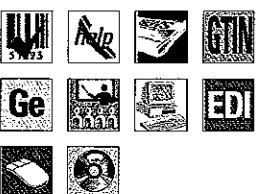
Saudi Arabia
1999

EAN SAUDI ARABIA
Chamber of Commerce & Industry Bdlg.
Dabab Street PO Box 16683
Riyadh 11474
T > 966 1 4053200
F > 966 1 4024747
council@saudichambers.org.sa
www.saudichambers.org.sa

Serbia and Montenegro
1982

EAN YU
Knez Mihailova 10
11000 Beograd
T > 381 11 3285 001
381 11 3285 002
381 11 3248 392
F > 381 11 3285 002
381 11 3248 090
yano@Eunet.yu
www.ean.org.yu

Singapore
1987

Singapore Article Number Council
No.1 Science Centre Road
The Enterprise #02-02
Singapore 609077
T > 65 68263080
F > 65 68228318
jin_soon.tan_sanc@sci.org.sg
www.sanc.org.sg
www.nepc.sanc.org.sg
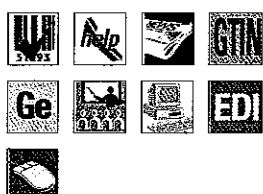
Slovakia
1994

EAN SLOVAKIA
Nanterska 23
010 08 Zilina
T > 421 41 5651185
F > 421 41 5651186
inform@ean.sk
www.ean.sk

Slovenia
1992

EAN SLOVENIJA
Dimiceva 13
SI-1504 Ljubljana
T > 386 1 58 98 320/321
F > 386 1 58 98 323
ean@gzs.si
www.ean.atnet.si

South Africa
1982

EAN SOUTH AFRICA
P O Box 41417
Craighall, 2024
T > 27 11 789 5777
F > 27 11 886 4966
info@cgcsa.co.za
www.ean.co.za
www.cgcsa.co.za
www.eanpdc.co.za
www.ecr.co.za

South Korea
1988

EAN KOREA
45, Namdaemunro
4 ga, Jung-gu
Seoul, 100-743
T > 82 2 311 1435
F > 82 2 311 1452
admin@eankorea.or.kr
hmkang@eankorea.or.kr
www.eankorea.or.kr
www.scm.eankorea.or.kr
www.koreannet.or.kr

Spain
1978

AECOC -Asociación Española
de Codificación Comercial
Ronda General Mitre, 10
08017 Barcelona
T > 34 93 2523900
F > 34 93 2802135
info@aecoc.es
www.aecoc.es
www.aecocnet.com
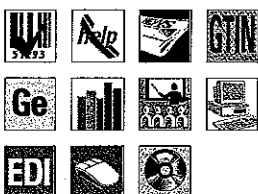
Sri Lanka
1995

EAN SRI LANKA
C/o. The Ceylon Chamber of Commerce
50, Navam Mawatha
Colombo 2 PO Box 274
T > 94 1 449352
    94 1 326096
F > 94 1 449352
    94 1 437477
chamber2@sri.lanka.net
www.chamber.lk
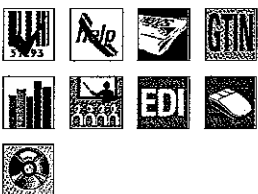
Sweden
1977

EAN SWEDEN AB
Box 1178
111 91 Stockholm
T > 46 8 698 30 40
F > 46 8 698 30 49
info@ean.se
www.ean.se

Switzerland
1977

EAN (SCHWEIZ, SUISSE, SVIZZERA)
Dornacherstrasse 230
4053 Basel
T > 41 61 338 70 00
F > 41 61 338 70 99
mail@ean.ch
www.ean.ch
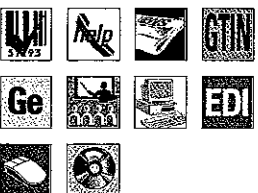
Syria
1998

EAN SYRIA - c/o Syrian Computer Institute
Lazaristes Building
Bab Touma
Damascus
T > 963 11 5427909
F > 963 11 5427909
ean-syria@net.sy
www.trust-info.net
www.ean-syria.com

Taiwan
1985

EAN TAIWAN COUNCIL
10, Lin-Shen South Road
4th Floor
100 Taipei
T > 886 2 2393 9145
F > 886 2 2351 7415
eantw@eantaiwan.org.tw
www.eantaiwan.org.tw

Thailand
1988

EAN THAILAND INSTITUTE
The Federation of Thai Industries,
Queen Sirikit National Convention Center,
Zone 3rd floor
60 New Rachadapisek Rd., Klongtoey
Bangkok 10110
T > 66 2229 4255
F > 66 2229 4939
info@eanthai.org
www.eanthai.org

Tunisia
1992

TUNICODE
Immeuble Ennour
Centre Urbain Nord
1082 Tunis
T > 216 71 23 11 22
F > 216 71 75 14 37
tunicode.eantunis@gnet.tn
www.tunicode.com.tn

Turkey
1988

Union of Chambers of Commerce and
Industry, Maritime Commerce and
Commodity Exchanges of Turkey (TOBB)
Atatürk Bulvari No 149
Bakanlyklar
Ankara
T > 90 312 4181512
F > 90 312 4179501
eanturkey@tobb.org.tr
www.tobb.org.tr/ean

Ukraine
1994

Article Numbering Association of Ukraine
EAN UKRAINE
Artema street, 26
Kyiv 04053
T > 380 44 216 0734
    380 44 246 8521
F > 380 44 246 8515
    380 44 216 0032
ean@ean.ua
www.ean.ua
www.online.ean.ua
www.depos.ean.ua
www.gepir.ean.ua

United Arab Emirates
2000

EAN EMIRATES
Corniche Road Al Reem Plaza
Flat No 405
Sharjah
T > 971 6 57 222 83
F > 971 6 57 222 86
ean_uae@emirates.net.ae

United Kingdom
1977

e.centre
10 Maltravers Street,
London WC2R 3BX
T > 44 20 7655 9000
F > 44 20 7681 2290
info@e-centre.org.uk
www.e-centre.org.uk

United States of America
1972

Uniform Code Council, Inc.
Princeton Pike Corporate Center
1009 Lenox Drive Suite 202
Lawrenceville, NJ 08202
T > 1 609 620 0200
F > 1 609 620 1200
info@uc-council.org
www.uc-council.org
www.uccnet.org
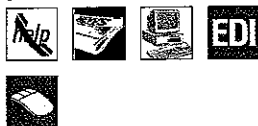
Uruguay
1989

EAN URUGUAY
Jose Ellauri 885
11300 Montevideo
T > 598 2 712 3360
F > 598 2 712 3360
info@eanuruguay.org
www.eanuruguay.org

Uzbekistan
1998

EAN Uzbekistan
Street Bukhara, 6
Tashkent 700047
T > 998 71 136 71 31
F > 998 71 136 79 46
ean@sarkor.uz
www.ean.uz

Venezuela
1987

EAN VENEZUELA
Av. Francisco Miranda
c/c Calle Los Laboratorios
Centro Empresarial Quorum. Piso 1
Ofic. J y K. Los Ruices
Caracas - 1071
T > 58 212 237 87 77
      58 212 237 95 20
      58 212 237 73 81
F > 58 212 237 72 50
info@eanve.org
www.eanve.org
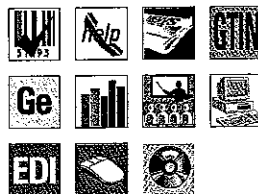
Vietnam
1995

Vietnam Article Numbering
and Barcoding Organization
8 Hoang Quoc Viet St.
Cau Giay Dist.
Hanoi
T > 844 8361463
F > 844 7562444
      844 8361771
eanvn@fpt.vn
www.vsc.org.vn

Member Companies & Sectors of Application

Countries	Agriculture, Hunting and Forestry	Fishing	Mining and Quarrying	Manufacturing	Electricity, gas, steam and hot water supply	Construction	Wholesale	Hotels and Restaurants	Transport, Storage and Communications	Financial Intermediation	Real Estate, Renting and Business Activities	Public Administration, Defence	Education	Health and Social Work	Other Community	Not otherwise classified	TOTAL NUMBER OF MEMBERS 2002	TOTAL NUMBER OF MEMBERS 2001	TOTAL OF NUMBERS ALLOCATED IN 2002
A Algeria				639								1				640	1280	1495	1280
Argentina	470	2	98	6853	2	1	62		5	2	2	2			2	295	7775	8650	7775
Armenia	19	4		110			25								6		164	153	
Australia	451		16	7358	4	32	3659		76	5	90	32	17	73	83	584	2480	11956	
Austria	255	2	14	2481	1	19	1561	14	16		75	5	3	1	58	331	1836	7489	
Azerbaijan		3		1		4							2		104		114	95	
B Bahrain																12	12	8	
Belarus			5	655			25								6		691	689	
Belgium	94	5	6	1940	10	10	1406	19	44		2	10		7	63	562	4705	4085	
Bolivia	12	2		241	1		5					1	8			2	277	266	
Bosnia																1100	1100	725	1000
Brazil	1116	36	290	32266	6	145	10209	374	84	6	441	11	16	34	357		45391	41635	
Bulgaria	40			1564			103										1707	1440	1707
C Canada	129			4629	61	166	1803	2								210	7000	6000	7000
Chile	394	20	11	1417	4	10	1174	16	12	17	55		7	6	24	127	3282	3082	
China																75181		60653	
Colombia	276	50	75	5452	15	11	1	5	7	48		23	95	471		2770		8764	
Costa Rica																1203	1203	1132	
Croatia	191		7	1784	2	10	729	9	11	2	161		12	1	37	143	3099	2715	
Cuba	24	7		229			7										267	194	267
Cyprus																1048	1048	283	1048
Czech Republic	290	11	17	4498	2	45	1329	55	87	15	50	54	5	6	46		6511	6288	6511
D Denmark	57	3	131	1398	103	139	1875	8	75	63	150	33	6	17	106	1062	5226	5094	5226
Dominican Republic	11	1	7	1126			258	2	6		11			2	1	108		1447	
E Ecuador	285	167	25	2490		38	11		7					131				2835	
Egypt	450			200													650	500	650
El Salvador																975	975	816	975
Estonia	41		4	637	1		113		4		3				10			750	
F Finland																4628	4628	4462	4628
France	5382	199	47	10048	7	27	8412	67	128	26	689	37	54	106	120	1159	26508	25829	
G Georgia				110														760	
Germany	904	83	179	22285	53		3718	12	1210	4	677	74		36		91883		117709	
Greece	78	2	8	2637	2		797	7	12		28	1	1		14			8351	
Guatemala																1571	1571	754	
H Honduras	132	5	3	415		1	56	3		2	19		25		3		664	548	664
Hong Kong	1			320	1		2828	6	4				204	4	1	30	3409	3076	3409
Hungary	92	2	5	1393		15	767	23	19		98	1	5	14	50	3323	5807	6330	5800
I Iceland	20	13	1	304		1	181	8	5		17	1		14	27	11	602	601	572
India																2510	2510	2205	2510
Indonesia																1583	1583	1161	1583
Iran	2	8		3580					60								3650	3300	3650
Ireland	167	51		1813	14	151	22	11	45		15	2	8	116	8	109	2522	2312	4140
Israel																3192	3192	3964	6277
Italy																27176	27176	25650	36057
J Japan																103932	103932	109098	142663
Jordan	3		1	284	1	1	52	1	1		15				2		362	450	375
K Kazakhstan	2	8		421										10			441	349	441
Kenya																790	790	570	790
Kuwait																28	28	27	28
Kyrgyzstan																14	14	0	14
L Latvia	45			682			125		7		63				3		925	1288	83
Lebanon																593	593	452	593
Libya																10	10	10	10
Lithuania	52	3		1094			170	10	4		39				4		1376	1447	1632

Countries	Agriculture, Hunting and Forestry	Fishing	Mining and Quarrying	Manufacturing	Electricity, gas, steam and hot water supply	Construction	Wholesale	Hotels and Restaurants	Transport, Storage and Communications	Financial Intermediation	Real Estate Renting and Business Activities	Public Administration, Defence	Education	Health and Social Work	Other Community	Not otherwise classified	TOTAL NUMBER OF MEMBERS 2002	TOTAL NUMBER OF MEMBERS 2001	TOTAL OF NUMBERS ALLOCATED IN 2002
M Macau				38			8		1			2						34	40
Macedonia	36			348		13	183	8	11		15	1			11	30		519	
Malaysia				2103			1025		4							52		2889	
Malta	3	2		266			34	1	17			2	3					272	
Mauritius																286		280	
Mexico																20561		18724	
Moldova				322														310	
Morocco				314			5		1									281	
N Netherlands																5472		5398	
New Zealand																3831		3500	
Nicaragua		2		205	1		3		5					2	10			180	
North Korea				21											4			20	
Norway	65	26	7	1194	153	10	1069	25	133	2	180	5	3	48	67			2788	
P Panama	23	12		310			183	1	9				56	13				893	
Paraguay	9			693			10		7	4	1			3				690	
Peru	19	4	5	1735			22	1	21	2	26		3	1	25			2745	
Philippines				2352			1026									584		3618	
Poland	643	4	55	10072		69	3360	77	65	9	442	1	6	19	79			13885	
Portugal																4978		4561	
R Romania																854		790	
Russia	52			6212			34		27				2	667	285			6538	
S Saudi Arabia																207		207	
Serbia and Montenegro	5		10	2935			62		1		2		1		1			219	
Singapore				610			782	3	3		1		3		9			1433	
Slovakia	90	2	6	1746		26	224	40	23	2	87		1	2	16	86		2917	
Slovenia	97	3	3	2041	1	38	1149	48	36	1	175	1	7	15	73			3730	
South Africa	326	73		6801	7		186		9	2	44			2	17	1133		8658	
South Korea				13237			12									1732		12652	
Spain				16902			418									368		16251	
Sri Lanka																235		167	
Sweden																6500		6500	
Switzerland																2953		2928	
Syria																169		110	
T Taiwan	132	1		6214	1		4180		97						17			10036	
Thailand	134			3186	39	751	312	13			17	11	3	33	12			3500	
Tunisia	798	30		882								15				155		697	
Turkey																12238		10700	
U Ukraine	20		7	2989			49		5		8		1	1	3	5		3086	
United Arab Emirates	4	2		176			16							2		2		136	
United Kingdom	452	10	21	8380	19	65	3884	65	112	20	806	11	11	89	284	1403		14411	
United States of America	4955	187	4234	40713	32	1450	42306	4244	5846	1503	15170	971	849	2264	1275	139100		267347	
Uruguay	68	2		667			151		2		4			2				997	
Uzbekistan	19		2	186		23								8		79		290	
V Venezuela	20	1	20	2146			20		7	9	35				1			2080	
Vietnam	32	32	2	902	3	5	49		1		353	7		2	14	373		1157	
Head Office / Directly Assigned Numbers																188		148	
TOTAL	19722	1080	5322	260252	547	3276	103305	5178	8360	1744	20166	1314	1411	4254	104951	440841	981723	936161	1039005

Number of Companies
using Electronic Commerce Standards

EDI EANCOM®	Name of the project	Number of users Dec 2002	Estimated number of users Dec 2003
A Argentina	SEA	65	65
Australia	ECR Australasia (retail)		
	Applie-com (appliances)		
	HardwareB2B (hardware)	3000	3500
	MeatB2B (meat)		
	FurnitureB2B (furniture)		
	SmartTEN (textile)		
Austria	ECODEX	1900	2800
B Belgium	EANCOM®	324	324
Brazil	EANCOM®	4500	4700
C Chile	B2B EDI	40	50
Colombia	EANCOM®	1300	1600
Costa Rica	EDI Costa Rica	32	40
Czech Republic	P&G EDI Project	10	10
	Invoicing	NA	50
D Denmark	HANCOM	1454	1500
	ebNord		
F Finland	EANCOM®	20	30
France	UPSTREAM		
	LOGISTIC PROVIDER	9325	12460
	FROZEN GOODS		
	TRANSPORT		
G Germany	EANCOM®	6100	6600
Greece	EANCOM®	265	290
H Hong Kong	EZ*TRADE (based on EANCOM®)	76	80
Hungary	ECR_EDI	100	110
I Iceland	RETANN	0	2
	COACSU	0	2
Ireland	HEDI	370	500
Israel	UCACOM	230	250
Italy	EANCOM97	200	230
J Japan	JEDICOS	200	250
M Mexico		5000	6500
N Netherlands	MIGs	1900	1950
Norway	DEDIP2	110	120
	FEDIP	20	20
	EFO	40	45
P Peru	EDI PERU	80	120
Portugal	EANCOM®	2186	2387
S Singapore	ShopNET	50	50
Slovakia		9	12
Slovenia		20	31
South Korea	EANCOM-Korea	1400	1500
Spain	Servicio AECOM	2600	3000
Switzerland	EANCOM®	650	800
Sweden	EANCOM/ESAP(covering various buisness scenarios)	8 000	9 000
	EDIT (previous project)		
U UK	EANCOM®	2000	2200
Uruguay	RONDANET	0	12
TOTAL		45576	63080

Web/Lite EDI	Name of the project	Number of users Dec 2002	Estimated number of users Dec 2003
A Argentina	WebEDI	140	200
Austria	ECODEX@Lite	110	170
B Brazil		6000	6500
C Chile	B2B EDI	880	1000
Colombia	CEN	NA	NA
Costa Rica	EDI WEB	0	50
Czech Republic	Invoicing Makro C&C	300	450
D Denmark	LE@N	180	200
F France		6500	8400
H Hong Kong	EZ*TRADE (based on EANCOM®)	509	545
Hungary	ECR_EDI	60	65
I Italy	EURITMO	150	300
Ireland	HEDI	300	375
M Mexico	AS2 / Secure Shell	1000	2500
N Netherlands	Web-EDI	50	100
Norway	Dagfinn	70	120
P Peru	EANnetPERU	40	200
R Romania	EasyCom	150	300
Russia	EDI-UNISCAN	229	250
S Slovakia	XML2EDI	0	25
	IPN	0	50
Spain	EDIWEB AECOC	265	300
	Conector XML	10	100
Switzerland	Retailers indiv.	50	100
U Uruguay	RONDANET	0	73
TOTAL		**17103**	**22253**

National standards	Name of the project	Number of users Dec 2002	Estimated number of users Dec 2003
A Argentina	XML	1300	2000
Austria	SEDAS	1500	145
B Brazil	RND	250	250
	CNAB	26000	26000
	OTHERS	3000	3000
C Canada	ECR, EFR, ECRx	500	600
Chile	CUSTOMS EDIFACT	250	250
E El Salvador	TELEDESPACHO (E-CUSTOMS)	75	155
	E-PAYMENT	0	14
F France		15186	13250
G Germany	SEDAS	500	500
Guatemala	Implementation of the CUSCAR message based on Edifact	0	32
H Hungary	ECR_EDI	50	55
I Iceland	RETANN	0	2
	COACSU	0	2
J Japan	J-Protocol	40000	40000
M Mexico	ANSI X12	4000	3000
N Netherlands	XML	10	50
Norway	Rigal	400	400
	Standard record	2115	2115
S Singapore	EDITRANS	25	25
Slovenia	eSLOG	0	2
South Africa	SAANA EDI Standards	460	460
	XML	0	250
Switzerland	MEDWIN	80	150
U UK	TRADACOMS	12500	
	UK EDIFACT	100	
USA		6200	6200
Slovakia		730	800
TOTAL		**115181**	**99707**

Charts