Global Data Synchronisation Network® (GDSN) Operating Roadmap for GS1 Data Excellence

Version 7.4
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1 PURPOSE
The purpose of this document is to clarify and update previous version(s) of the Global Data Synchronisation Network (GDSN) Roadmap and incorporate changes for the growth of the GDSN. Ongoing updates will be made as needed to support the community. This document will be maintained by GS1 Data Excellence, Inc. (“GS1 Data Excellence, Inc.” or “GS1 Data Excellence”).

1.1 BACKGROUND
The GS1 Global Registry® (GR), as originally defined by the Global Commerce Initiative (GCI) vision, and now implemented as a GS1 standard, is the registry for Global Data Synchronisation. Ultimately, it is envisioned that GDSN may serve as a foundation to enable the EPCglobal® to link the EPC number back to the item information via the GTIN. Other registries may join later to serve specific industries, geographical needs, or new types of master data alignment.

Access to the Global Data Synchronization Network (GDSN) is restricted to members of GDSN Certified Data Pools. The individual Certified Data Pools determine which of their members qualify to be members of the GDSN. All GDSN users are registered in the GS1 Global Registry®.

The Global Data Synchronisation Network consists of interoperable Certified Data Pools to enable data synchronisation. The result of GDSN execution is harmonized information exchange, and hence, trusted data, in all connected systems.

1.2 SCOPE
This document outlines the operating components and financial model of the Global Data Synchronisation Network.

1.3 GS1 Data Excellence, Inc.- MISSION, VISION, PRINCIPLES AND RATIONALE

Mission
Be the valued leader enabling a neutral, standards-based environment for reliable exchange of quality data across industry sectors, regions and markets.

Vision
Deliver business value to global value chains through continuous synchronization of product information among trading partners.

PRINCIPLES
1. The GS1 Global Registry® is the component of the GDSN that serves as the global directory for item, party, and price master data. It operates under single governance. The GS1 Global Registry® (GR) serves as GDSNs information directory to:
   ■ Perform as the repository for GS1 data keys and other core item attributes.
   ■ Identify trade item and party ownership
   ■ Maintain registered subscriptions.
1. Guarantee the uniqueness of the registered Catalogue Items and Parties.

2. Ensure GDSN Certificated Data Pools comply with GS1 Standards used in the GDSN System. This includes validation rules.

2. Access to the GDSN and GR is limited to Data Pools (DPs) that are GDSN certified compliant. Certification requirements are defined in the GDSN Certification Criteria Document and the Guidelines for Standard and Non-Standard Value Added Commerce policy. These documents are part of the GDSN Business Manual.

Note: All Certified Data Pool need to uphold the vision of GDSN standards and successfully complete GDSN certification.

3. The GDSN Kato® Data Pool provides certification testing services for new and existing data pools for compliance with GS1 Standards. This standards-based Data Pool is also the certifying data pool for the GDSN Certification Process.

4. The President of GS1 Data Excellence, Inc. manages the operations of the GDSN and its affiliated services. The President is responsible for the certification of Data Pools as well as the execution of the GDSN Business Plan and Roadmap. The President engages a GDSN Board of Directors to set the GDSN Strategy, Business Plan and Roadmap.

5. GS1 Data Excellence, Inc. outsources technology services for support of the GDSN infrastructure. Currently, Summa Technology Group (STG) is contracted to provide GS1 Global Registry® service under a contract which can be extended on an annual basis. At the direction of the GS1 Data Excellence Board of Directors, a Request for Proposal (RFP) can be created at any time to consider other service providers in order to maintain lower costs of the network.

6. GS1 MOs may participate directly in the GDSN as a Certified Data Pool on a voluntary basis. GS1 MOs may also participate by engaging an independent, Certified Data Pool for their community. Every GS1 Member Organisation (MO) and independent, Certified Data Pool need to uphold the vision of GDSN standards. All Data Pool service providers must successfully complete the GDSN certification process.

7. As a neutral, not-for-profit organization, GS1 Data Excellence, Inc.’s fees are established on a cost-recovery basis. These fees cover GDSN, global operational costs which include: GS1 Global Registry® hosting, development and maintenance; marketing; standards requirements gathering; and data pool certification. Fees for the GS1 Global Registry® and GDSN operations are derived annually and paid in two six-month instalments. The GDSN financial model is reviewed annually by the GS1 Data Excellence, Inc. Board of Directors as part of the financial planning cycle.

8. Any organisation using GS1 Standards and engaging in electronic commerce is encouraged to adopt the GDSN Model and send communications to their trading partners to join the GDSN.

9. The GDSN financial model principle is to reflect full transparency of incomes and costs. GDSN incomes must be equal to costs plus a reasonable reserve of not more than 20%. Currently the 20% reserve is held by the GS1 Global Office. The GS1 Data Excellence, Inc. Board of Directors (Finance Sub-committee) is responsible for reviewing the financial
model annually and proposing any necessary changes for subsequent years to comply with the financial model principle.

**RATIONALE**

1. **Global trading partners are using GDSN for standardised synchronisation of item, party and price data.** Demand exists across a broad base of companies, industries, regions, and sectors for this service. Users need a neutral, secure environment and network where they can choose a GDSN Certified Data Pool to partner with and implement the Global Data Synchronisation Network.

2. **Global and Local Retailers have adopted GDSN and many are directing their suppliers (including exporters) to communicate data using the GDSN.** Many Retailers rely on Certified Data Pools for onboarding, education, data alignment, and implementation services. Retailers and Manufacturers can choose any Certified Data Pool to connect to the network.

3. **Using the Global Data Synchronisation Network with Electronic Product Code (EPC) increases operational efficiency.** As major Retailers and Manufacturers implement EPC, users have stated that EPC, combined with GDSN, adds increased value. GS1 supports these and other initiatives.

4. **The GDSN model is strategically aligned with GS1.** GDSN supports GS1’s principles to supply user-driven functionality for both big companies and small to medium enterprises (SMEs). It is managed and governed by GS1 which results in reduced costs, improved data quality, and added value to the supply chain.

5. **The GDSN financial structure is supported by both users and GS1.** As result of the GDSN financial model, users are not imposed with multiple fees from different Data Pools. The fees are global, transparent and factor in market readiness as well as country economic factors.

### 2 GDSN BACKGROUND

#### 2.1 GDSN Vision

The GDSN vision is to deliver business value to global value chains through continuous synchronization of product information among trading partners.

The Global Data Synchronisation Network consists of interoperable certified data pools to enable the continuous synchronisation of data. The result of GDSN execution is harmonized information exchanged between two or more user systems, and hence, trusted data, in all connected systems. Exhibit 2.1 below depicts data exchange through the GDSN.

**Exhibit 2.1 – GDSN Diagram**
The GDSN Business Flow

GDSN Basic Requirements:
- Data exchanged via the synchronisation process must utilize GS1 Standards
- Data must comply with GDSN message extensions
- Receipt of Data must be acknowledge by the Data Recipient
- Updates to Data are continuously communicated to Data Recipients

GDSN Participants:
- GDSN Certified Source Data Pools Providers (this includes Trading Partners that elect to be their own Data Pool)
- GDSN Certified Recipient Data Pools Providers (this includes Trading Partners that elect to be their own Data Pool)
- Customers of GDSN Certified Data Pool Providers who use the network
- The GS1 Global Registry®

GDSN Functionality:
- Ability to enable and monitor technical interoperability within the Network through the certification of the DPs
- Support for GR registration of core item and party data to enable the uniqueness of item and party in the GDSN
- Method to support data sync beyond core item data (e.g. target market, relationship dependent data, price) among DPs and between respective Trading Partners
- A central repository of registered subscriptions
- Data Pool connectivity to the GR which serves as the central directory
- Implementation of GS1 Business Messages Standards /Validations (mandatory and optional)
- Network entrance for Data Source and Data Recipients through a single point of entry (home DP); a Trading Partner may choose to use multiple DPs, but the single point of entry (SPE) is the founding premise
- Use of a standard global product classification method (GS1 Global Product Classification (GPC)).

2.2 GDSN Infrastructure

The GDSN consists of certified interoperable Data Pools interconnected to provide users with two basic functions:

1. Global publication and subscription to make available item, party and price data
2. A Functionality to ensure continuous synchronisation of master data

2.3 GS1 Global Registry®

The role and function of the GS1 Global Registry® within the GDSN is summarized below. More detailed definition of the GS1 Global Registry® can be obtained from the GS1 Business Message Standards which are located on the GSMP website.

Role:

1. The GS1 Global Registry® is a global repository for the registration of items and parties (GS1 Keys).
2. The GS1 Global Registry® functions are distinct from those provided by the Data Pools within the interoperable network.
3. The technical operation of the GS1 Global Registry® is contracted to a neutral and separate service provider. Summa Technology Group (STG) is the current service provider. They are under a one year agreement which can be extended on an annual basis to support the GDSN Roadmap.

Key network features:

1. The access to and use of the GS1 Global Registry® is limited to Data Pools that are certified by GS1 Data Excellence as compliant within the Global Data Synchronisation Network.
2. The GS1 Global Registry® contains GS1 standard-compliant data which includes all registered items (GTIN), parties (GLN) and product classification (GPC).
3. GS1 Global Registry® maintenance ensures the unique definition of each Catalogue Item (GTIN + GLN + Target Market) and GLN record in the Network.
4. The GS1 Global Registry® provides a reference to the home data pool for additional information about Items and Parties, including the routing of subscriptions.
5. Information from the GS1 Global Registry® is continuously synchronized with data pools.
6. The GS1 Global Registry® facilitates the Item-Subscription matching process for targeted distribution of information within the Network.

7. The GS1 Global Registry® enables global data validation for standard attributes synchronized in the GDSN, leveraging GS1 Standards and validation rules.

**Functions:**

1. Registration/Processing of Item and Party data:
   - Registration after successful GS1 Global Registry® validation in addition to Data Pool validation
   - Registration Response notification with Success or Failure with *error identification*
   - Enables publication by Data Pools after successful registration
   - Provides continuous Data Status to reflect validation and registration status
   - Enables process maintenance (add, change, discontinue/cancel, and correct) for Item and Parties. Note: Delete/purge actions are handled manually via customer support to ensure the integrity of the item across the GDSN is maintained.

2. Global Validation:
   - GS1 Standard validations for GTIN/GLN formats
   - Uniqueness validation for Catalogue Items, Parties and Certified Data Pools
   - Stores and maintains GS1 Business Message Standards produced through the GS1 Global Standards Management Process (GSMP)
   - Enables the execution of the GS1 GDSN Standard Validation Rules

3. Central repository for subscriptions
   - Receives and stores subscriptions from Recipient Data Pools
   - Provides subscription acknowledgement
   - Matches subscriptions to item registrations
   - Forwards subscriptions to destination Source Data Pools

**2.4 Global Product Classification**

The Global Product Classification (GPC) is a key component of the GS1 Package Standards and of the GDSN. It gives Data Sources and Data Recipients a common language for grouping products consistently across the globe.

The GPC serves as a standardised system for classifying products to:

- Enable data synchronisation
- Assist higher level business processes based on the Item, Party, and Price data received through the GDSN
- Provide a GTIN reference/ positioning
- Facilitate Category Analysis

The GPC is managed and governed by the GPC Standards Management Group (SMG) and is fully aligned with the GSMP Standards Development Process. GS1 France is the current service
provider responsible for technical support, maintenance, and development of the GPC publication tool.

The GS1 user community is the ‘owner’ of the GPC. All current published GPC content is available to the community without any usage restrictions. No additional contractual arrangement is necessary to utilize a GPC.

The current GPC classification schema covers 36 categories. GPC is also aligned with the UNSPSC, (United Nations Standard Products and Services Code) a global, multi-sector classification system used in global procurement processes.

The GPC can be accessed on the web via: http://www.gs1.org/gdsn/gpc. There is also an online browser in 5 languages available at http://gpcbrowser.gs1.org/.

2.5  EPCglobal® Network and GDSN Relationship

The GDSN provides for the synchronisation of Item and Party master data created by data sources (manufacturers, distributors, and other related 3rd parties) and shared/validated within the network. The EPCglobal® Network enables the identification, capture, and exchange of event (read, aggregate, quantity) data about individual, specific items as they pass through the supply chain.

GS1 envisions the GDSN to further enable the functionality of the EPCglobal® network. The anticipation is for these networks to resolve the EPC number back to the Item information received through the GDSN via the GTIN. By ensuring that the EPC structure includes the GTIN, this will enable GS1 users to apply EPC technology and be compatible with GDS implementations. User demand will drive the requirements timeline for additional functionality.
3 Governance

Following are the Governance principles for the GDSN:

■ The governance of the GDSN standards is the responsibility of the GS1 GSMP with direction from GS1 Data Excellence, Inc.

■ The GS1 Global Registry® governance is the responsibility of GS1 Data Excellence Board of Directors. The President of GS1 Data Excellence, Inc. leads and manages the GDSN business unit and day-to-day operations.

■ The GS1 Data Excellence Board of Directors works with the President of GS1 Data Excellence, Inc. to set the strategic direction for the Global Data Synchronisation Network (GDSN) and the GS1 Global Registry®.

■ The governance of the GS1 Global Registry® finances is the responsibility of the GS1 Data Excellence, Inc. Board of Directors (Finance Sub-committee).

■ The governance of the GDSN Roadmap is the responsibility of GS1 Data Excellence, Inc. Board of Directors and the President of GS1 Data Excellence, Inc. They work closely with GS1 Industry Engagement and the Standards Management Groups to execute and deliver the GDSN objectives via the GSMP Standards Development Process.

GS1 Data Excellence, Inc. Board of Directors

In order to ensure that the GS1 Global Registry® service meets the needs of the entire global community, GS1 Data Excellence, Inc. has created a Board of Directors (BOD). The majority of the BOD will be end users with adequate global and multi-sector representation, as well as Member Organisation Chief Executive Officers and Officers of independent (non-MO) data pools.

The following are provisions for the Board of Directors:

1. The purpose of the Board of Directors is:
   a. To oversee the GS1 Global Registry® Programme.
   b. Assure that data pool fees are cost effective, globally applicable, and equitable.
   c. Make recommendations to the GS1 Management Board.
   d. Ensure maintenance of industry Key Performance Indicators (KPI’s) and scorecards.

2. A board members term is to be three (3) years with no limit on the number of terms served.

3. One third (1/3) of the BOD will be elected each year.

4. The BOD member’s company, including MOs, must be a member in good standing of the GDSN community.

5. A member in good standing is defined as:
   a. One who is current in its financial obligations to GS1 Data Excellence, Inc.
   b. One whose company is utilizing, or is implementing plans to utilize the GS1 Global Registry® in a production environment.
   c. A Member Organisation or Independent (non-MO) Data Pool that is implementing plans to offer a GDSN-certified data pool service to the community.
   d. One who is in compliance with the criteria defined in this GDSN Roadmap.
6. Representation on the GS1 Data Excellence, Inc. Board is based on the individual and their company, industry sector or region. The individual appointed to the board is required to personally fulfil the time commitments of a, GS1 Data Excellence, Inc. board member. If a committee member leaves his/her company, they are deemed to have submitted their resignation from the GS1 Data Excellence, Inc. Board. The rights and privileges of GS1 Data Excellence, Inc. Board member are not transferable to another individual within the company without putting that individuals name forward to the GS1 Data Excellence, Inc. Board nominating committee for consideration alongside any other potential candidates.

7. The Chairman of the Board shall serve for a two (2) year term and may serve no more than two consecutive terms as the Chairman. It is anticipated that the Vice Chairman of the Board will succeed the Chairman at the end of his/her term or upon resignation.

8. The CEO of the GS1 Global Office or an appointee will attend board meetings as a non-voting observer.
4 Roles

4.1 GS1 Member Organisations

GS1 Member Organisations can participate in the implementation and support of the GDSN in one or both of the following roles:

Local Marketing and Support Organisation Role

Member Organisations (MO) promote the value of GS1 Data Excellence Inc the Global Registry®, and Data Synchronisation. To ensure a consistent approach to implementation, communication and education of the GDSN, the GS1 Global Office, with the assistance of the GDSN community, has developed educational tools to be used by local GS1 MOs. These tools can be tailored for the local community at the guidance of the Member Organisation.

Certified Data Pool Role

Certified Data Pools may be operated by GS1 Member Organisations and other commercial entities. A Certified Data Pool is responsible for enabling Trading Partner implementations and ensuring users subscribe to the GDSN philosophy and its components. This includes the GS1 Global Registry®, the key component of the GDSN.

Organizations serving as a Certified Data Pool are standards compliant sources of both data and synchronisation services for their members. These entities must interoperate with the GS1 Global Registry® and other certified data pools. Certification equals being compliant with current certification criteria, GS1 Standards and continued maintenance of certification compliance.

Participation as a certified data pool is voluntary. GS1 MOs and all other commercial entities must uphold the vision of GDSN and GS1 standards. A list of current certified data pools is maintained on the GDSN web site.

GS1 Member Organisations are not required to sign a contract with GS1 Data Excellence, Inc. for GS1 Global Registry® unless they choose to become a GDSN Certified Data Pool.

The intent of the GDSN interoperability and the Trading Partner “Single Point of Entry” (SPE) is to provide the best value to the participants in the GDSN while taking costs out of the process. As a result, MO’s who operate data pools and sell data pool services are not entitled to make GR subscriptions and fees conditional on the use of their data pools.

4.2 Trading Partners (Users)

Trading Partners are the companies participating in the Global Data Synchronisation Network (GDSN). They have the right to choose any Certified Data Pool to fulfil their data synchronization requirements. A Certified Data Pool is normally selected to be a Trading Partner’s service provider based upon the value proposition offered by the Data Pool.

A Certified Data Pool may be a commercial entity that operates in competition with, or as an alternative to a Member Organisation Data Pool. Trading Partner companies may also elect to be their own Data Pool provided they are compliant with the GS1 Standards through the certification process.

Trading Partners must accept the GS1 Data Excellence, Inc. Terms of Participation Agreement (TOPA) that is executed through their Data Pool in order to participate in the GDSN.
4.3 GS1

GS1 Global Office (GO) facilitates the cooperation between GDSN, Trading Partners and Member Organisations. The GS1 Global Office is also responsible for support, promotion, and the expansion of the GDSN as well as the support/development of sector engagement. The GS1 GO provides development resources for the GS1 Standards (GSMP) which are required for the functioning of the GDSN and its served industries. Additionally, the GS1 GO facilitates and supports the GS1 Data Excellence, Inc. Board of Directors (see Governance).

4.4 Board of Directors

The GS1 Data Excellence, Inc. Board of Directors (BOD) sets the strategic course for the Global Data Synchronisation Network (GDSN) and the GS1 Global Registry®. The BOD oversees the execution of the GDSN and the GR approved Roadmap. They ensure Certified Data Pool membership fees are cost effective, globally applicable and equitable. The BOD also approves the company (‘s) that performs Data Pool certification.

Various committees reside under the GS1 Data Excellence, Inc. BOD. Normally these committees:

- Consist only of GS1 Data Excellence, Inc. Board members
- Must be structured under a Chairman
- Work outside of the scheduled BOD meetings.

To date, three standing committees, the Finance Committee, the Certification Committee and the Nominating Committee have been formed to support the GS1 Data Excellence, Inc. BOD. Other Ad hoc committees may be formed periodically to address specific business or technical matters. These are not permanent committees. Examples of Ad hoc committees which have previously existed to address specific GDSN issues are: Global Registry Technical Review Team, GDSN Strategy Team, Network Impact Team.

Role of the GS1 Data Excellence Inc. BOD Standing Committees:

- **Finance Committee** – The finance committee’s mission is to support the President of GS1 Data Excellence, Inc. and GS1 GO CFO to develop a 3-year (minimum) financial plan for the GDSN/GR that covers on-going operational cost, as well as funding for future enhancements to the GDSN Model.

- **Certification Committee** – The certification committee’s mission is to support the President of GS1 Data Excellence, Inc. to improve upon the current data pool certification processes, ensure adherence to Certification Criteria Document and to drive down the annual cost of the data pool GDSN interoperability certification event.

- **Nominating Committee** - The Nominating Committee is responsible for identifying and vetting individuals qualified to become GS1 Data Excellence Board members and recommending a slate of nominees for election when seats become available. This committee also makes recommendations to the BOD concerning the appropriate size, function, needs and composition of the board and its committees.

5 Data Pool Certification
All Data Pools participating in the GDSN must be certified as interoperable with the GS1 Global Registry® and other certified data pools. The entity (Data Pool) that receives GDSN Certification is considered to be a ‘node of the network’. Additional certification procedures can be found in the GDSN Certification Criteria Document. A Multiple / Duplicate Data Pool will be subject to software code verification as outlined in the GDSN Multiple / Duplicate Data Pool (DDP) Certification Policy. Both of these policies can be found on the GDSN web site under the GDSN Business Manual.

The fee structure outlined in this document incorporates any mandatory certification fees, GS1 Global Registry® fees and GDSN operations fees. Every Data Pool offering GDSN services is expected to underwrite their internal software development costs and all certification costs.

A clear understanding of a service provider’s certification status and ability to support specific releases of the GS1 Global Registry® is essential. A Data Pool that passes Interoperability Testing cannot state or imply that they are an “Active” GDSN Certified Data Pool unless they are synchronizing data using the GDSN and the GR. Data Pools mis-communicating messages regarding GDSN Certification status will be subject to a Data Pool De-Certification Process.

The GS1 Data Excellence, Inc. Board of Directors, with direction from the President of GS1 Data Excellence, Inc., has the responsibility of determining which certification service(s) will be used. This could include one global programme or several compliant local/regional programmes.

6 Financial Model

As a neutral, not-for-profit organization, GS1 Data Excellence, Inc.’s fees are established on a cost-recovery basis. These fees cover GS1 Data Excellence, Inc. global operational costs which include: Global Registry hosting, development and maintenance; marketing; standards requirements gathering; and data pool certification. Fees for the GS1 Global Registry® and GDSN operations are derived annually and paid in two six-month instalments. The GDSN financial model is reviewed annually by the GS1 Data Excellence, Inc. Board of Directors as part of the financial planning cycle.

6.1 Principles

The principles of the financial model are the following:

- Data Pools pay for the GS1 Global Registry® and GDSN service.
- The GS1 Data Excellence, Inc. Board of Directors is responsible for setting the fees applicable to Data Pools.
- The GS1 Data Excellence, Inc. Board of Directors is responsible for ensuring that the cost of the service and the data pool fees are; cost effective, globally applicable and equitable.

The financial model utilized by GS1 Data Excellence, Inc. is based on the best assessment of service costs in the market place and the demand forecast provided by Data Pools. The BOD (Finance Committee) reviews the financial model annually to ensure compliance with the financial model principles.

6.2 Objective

The objective of the GDSN pricing model, as set by the GS1 Data Excellence, Inc. Board of Directors in January 2011, is a pricing structure that is equitable, transparent, simple to apply, measurable and sustainable. The result of this objective produced a pricing structure that connects value and usage while providing an incentive to companies and data pools to participate in GDSN.
6.3 Trading Partner (User) Fees

Trading Partners (Users) are not required to pay a subscription fee directly to GS1 Data Excellence, Inc. in order to participate in the Global Data Synchronisation Network (GDSN) or access to the GS1 Global Registry®. Trading Partners must accept the GS1 Data Excellence, Inc. Terms of Participation Agreement (TOPA) that is executed through their Data Pool as their GDSN service provider.

6.4 Data Pool Fees

Effective 1 January 2011, the GS1 Data Excellence, Inc. BOD Finance Committee and the GS1 Data Excellence Board approved a new pricing model which consists of a fixed component and a usage component as follows.

- Covers the period January – December 2011
- A flat fee of USD $15,000 is billed to all Data Pools that provide and market distinct GDSN Certified Data Pool services, regardless of whether they do it via a separate GLN or the same GLN as their service provider. No flat fee will be assessed in countries for which a regional/global data pool only has customers synchronizing via a local country data pool.
- A usage fee will allocate of the balance of global operational budget of GDSN (less the cumulative flat fee) to Data Pools based:
  - 40% on Recipient Data Pool Subscription matches
  - 40% on Source Data Pool Subscription matches
  - 20% on Registered GLNs in the GS1 Global Registry®

Subscription matches is a metric available through the GS1 Global Registry®. This metric provides the potential number of synchronizations that are available as a result of the match of items and subscriptions in the GS1 Global Registry®. For a full understanding of the usage fee calculation, refer to the Exhibit 6.1 “GDSN Financial Model Supporting Material”.

For the 2011 model, usage statistics were calculated as of September 3, 2010. In the future, usage statistics will be taken annually at the end of June. This will allow adequate time to calculate the model, and communicate to Data Pools for budget preparation in the following year.

- Year-over-year, Data Pools should expect a variance in the usage component of their fee as the number of Data Pools changes and usage varies within each Data Pool.
- Flat fees will be assessed for new Data Pools joining during the year (on a prorated basis upon certification).

An initial fixed fee of USD $15,000 will be charged to new or non-certified data pools (with distinct data pool GLNs) as pre-payment for certification. The purpose of this pre-payment is to help ensure commitment by data pools to the certification event, and guarantee certification costs are covered.
**Additional Information**

As part of maintaining certification status, Data Pools are responsible for their financial obligations. Lack of fee payment will result in the initiation of the Data Pool Decertification Process. This process includes notification of breach of contract and commencement of the Decertification Process as outlined in the Certification Criteria Document. The Certification Criteria Document can be found on the Data Pool Online Support web site.

The following illustration shows the progression of GDSN Certified Data Pools fees budgeted for 2016:

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<th>Data Pool</th>
<th>CY 2016 Pub/Sub Cumulative</th>
<th>CY 2016 TP's</th>
<th>CY 2016 Fixed Fee</th>
<th>Usage Fee</th>
<th>Total Fee</th>
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<td>INDICOD-ECR / GS1 ITALY</td>
<td>-</td>
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<td>GS1 Mexico</td>
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<td><strong>TOTAL</strong></td>
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<td><strong>2,245,000</strong></td>
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</table>
Note 1: Data Pools who did not join the network prior to 15 July, 2015 are not included in the above, however, the Data Pools will be invoiced the Fixed fee of $15,000 for their 2016 Data Pool fee.

Note 2: Data Pools who plan to depart from the network May 2015 are included reflecting a prorated amount.

We wish to express our sincere gratitude to the GDSN Certified Data Pools and many individuals in the GDSN community for contributing to the success of GDSN. Questions should be directed to Susie McIntosh-Hinson at Susie.mcintoshhinson@gs1.org, Malcolm Bowden at Malcolm.bowden@gs1.org.