



The global language of business

Implementation of GS1 EDI Standards in 2018

Executive Summary



EDI Implementation Survey

The GS1 Global Office runs the annual survey aimed at assessing the state of the EDI community worldwide. It measures implementation of the EDI standards in countries where there are GS1 Member Organisations.

GS1 EDI Standards ensure secure, reliable and seamless exchange of business information worldwide.

What are we trying to assess?

- Type and versions of standards implemented (GS1 EANCOM®, GS1 XML, other non-GS1)
- Number of implementing companies
- Specific messages implemented
- Communication methods used for exchanging EDI messages
- GS1 strategic sectors using EDI
- Member Organisation activities in the area of EDI

Why is this important?

The data collected in the survey are useful both for GS1 community and the user companies.

The **GS1 Global Office** uses them to update EDI strategy and define the future of EDI. Information collected during the survey helps in discovering the training, communication and marketing needs of users and Member Organisations. It allows taking decisions based on facts rather than assumptions.

The **GS1 Member Organisations** benefit from the survey results by being able to compare the situation in their market with other countries. Knowing what is being implemented where, it is easier to seek assistance when similar needs arise in their country. They can also estimate how the

More information about GS1 EDI and the detailed report are available on the GS1 website: <http://www.gs1.org/edi>

situation may develop in their market, based on information from other countries. It is particularly useful in supporting user companies with cross-border business.

The **GS1 user companies** gain the possibility to benchmark their own actual or planned implementation with other users in their own country and abroad. The overview of the market trends may also help in taking decisions about the EDI implementation.

How did we collect the data?

Data reported in the survey are sometimes based on estimation made by GS1 Member Organisations, sometimes on surveys conducted in the local markets and information obtained from the EDI solution providers. However, the estimation is done by the most suitable people: the GS1 Member Organisation staff members, having daily contact with their user community and often assisting them in implementation.

EDI implementation in 2017

53 out of 112 Member Organisations responded to the survey and 43 of them reported that some forms of EDI have been implemented in their countries in 2018 (see Figure 1).

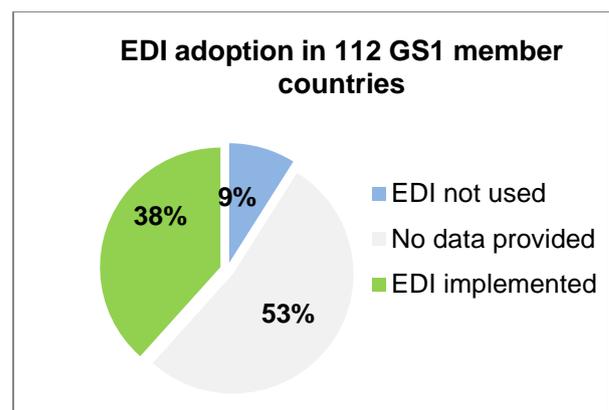


Figure 1

For advice about implementing GS1 EDI Standards ask one of GS1 MOs: <http://www.gs1.org/contact>



EANCOM® standard

The EANCOM® standard in 2018 has been implemented in 31 countries, by more than 120,000 companies - see figure 2.

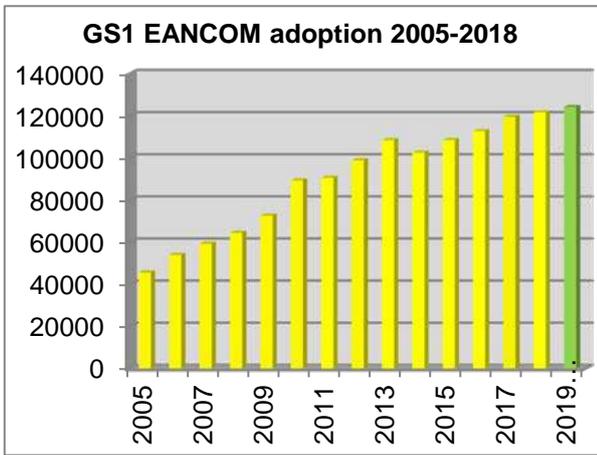


Figure 2

Figure 2 proves that GS1 EANCOM® is not an 'old and obsolete' technology. The number of its users keeps growing.

EDI Implementation trends 2005 – 2018

Figure 4 illustrates the implementation of GS1 EANCOM® and GS1 XML in last 14 years, and the forecast for 2019. Due to some inconsistencies in the responses received every year, the chart represents statistical approximation for this period.

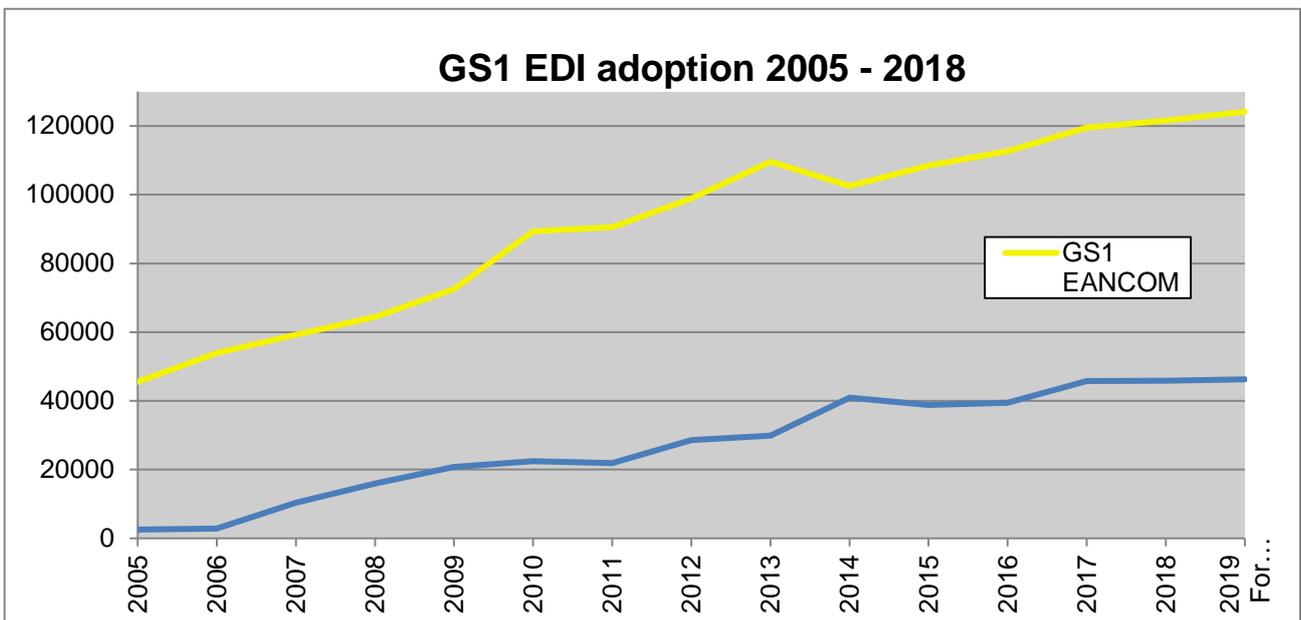


Figure 4

GS1 XML standard

The GS1 XML standards have been implemented in 25 countries, by more than 45,000 companies – see figure 3.

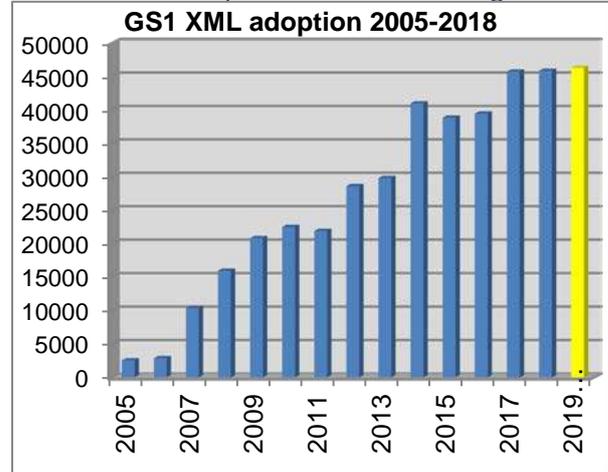


Figure 3

The GS1 XML standard after a period of modest implementation levels during first few years is increasing steadily.

Non-GS1 EDI standards

Non-GS1 EDI standards have been used by GS1 Member Companies in 28 countries. These other standards are rather diverse, the most widely used are UBL (Universal Business Language) and the local country specific or regional standards (including ANSI X12), UN/EDIFACT, sector specific standards and proprietary solutions.