

Secure exchange of supply chain information

The exchange of supply chain information carries the greatest risk when not handled securely, but also carries the greatest rewards when handled securely. Standard, compliant product information must be able to flow uninterrupted between trading partners in a secure fashion in order for the vision and principles of Global Data Synchronisation to be achieved.

Security Guidelines

One of the key considerations for ensuring the usability and wide adoption of the GDSN Network is the security needs and concerns involved in implementing and interacting with such a network. Responding to concerns expressed both from the community and the industry at large, GDSN has collaborated on a proposed strategy for developing a set of security guidelines that address all aspects of security (physical, logical, business processes and contractual).

Working with members of the GDSN Architecture Committee and GDSN Price Synchronisation team, GDSN Inc. has developed a proposed approach for addressing security of data within the GDSN network as well as beyond the network to include recommendations for the relationship between source / recipient data pools and suppliers / retailers.

Today Data Pools have security best-practice responsibilities to other Data Pools and users in the GDSN as defined as part of Data Pool Certification Criteria. The full Security Guidelines and Security Requirements documents can be found on the GDSN Website at <http://www.gs1.org/productssolutions/gdsn/technical/index.html>.

GDSN Inc. wishes to thank the many individuals in the GDSN community who participated in the creation of this document.

Key principles

Key Principles regarding GDSN and the security of data within and beyond the network are:

- GDSN is an enabler and can provide guidance / insight to Data Pools and Trading Partners to ensure a comfort level with Trading Partner relationships, but ultimately, it is the Trading Partner to Trading Partner agreements that should reflect / guide security expectations around how data is handled and this then guides DP (TP/DP). (DP/DP) agreements.
- It is recognized that some levels of security is not required for all types of data.
- GDSN Certification requires certain levels of security (AS2). Data Pools have security best-practice responsibilities to other Data Pools and users in the GDSN as defined in the Data Pool Certification Criteria document.