Data Sharing

A GS1 Learning Zone Course

www.gs1ie.org/eLearning
Course Overview

The **Data Sharing Course** is aimed at GS1 Ireland Members who have implemented both basic and advanced identification numbers and data carriers within their supply chain.

In this course you will learn about the transfer of data within and between businesses through **Electronic Data Interchange (EDI)**, via the **Global Data Synchronisation Network (GDSN)** and the sharing of **Event Based Data** in **EPCIS**. The successful implementation of these standards requires good **Data Quality** to achieve success and this is also covered on this course.

The modules in this course include:

1. **An Introduction to GS1 Electronic Data Interchange (EDI)**
   This module covers the basic concepts of GS1 EDI; a form of electronic business messaging based on international standards. The topics in this module include GS1 EDI standards, the basics of the electronic messaging process and the Global Data Dictionary (GDD).

2. **Global Data Synchronisation Network (GDSN)**
   The module delivers a high level introduction to Global Data Synchronisation (GDSN) in addition to an introduction to product classification and the GS1 Global Product Classification (GPC) - a rules-based, four-tier classification system for grouping products.

3. **Electronic Product Code Information Services (EPCIS)**
   In this module the basics of the Electronic Product Code Information Services (EPCIS) are covered. EPCIS is a GS1 standard for sharing information about physical events in the supply chain. It includes a number of concepts, such as track and trace, chain of custody (or chain of ownership), and recall - contributing to the safety and security of supply chains.

4. **Introduction to Data Quality**
   With the growth in global data synchronisation adoption and the need for better business-to-consumer (B2C) information, a distinct focus on Data Quality is needed to deliver supply chain savings and efficiency, as well as to provide trustworthy, accurate data to consumers.

Further Information

To learn more about this or any of the Courses or Certificates available on the GS1 Learning Zone please email training@gs1ie.org or visit our website www.gs1ie.org/eLearning

Who is this course for?

This course is ideal for anyone who has some prior knowledge of GS1 identification and data capture standards and wishes to gain a deeper understanding of the fundamentals of master data management and the sharing of data through EDI and data synchronisation (GDSN).

Get Started

Register for access to the Learning Zone today and explore all the course options available to you at www.gs1ie.org/LearningZone.