

Notes for Mis313:

Topic 2:

Barcodes and order numbers:

GTIN: Global trade item number – this is a barcode which also can include Date and Batch/lot/serial number

GDSN: Global Data Synchronisation Network –Which provides an effective way in which trading partners in a supply chain can communicate attribute Information with trading partners based on product and location Identification Keys. GS1 Australia's GDSN (called GS1Net) enables trading partners to notify trading partners of new products, changes to existing products (including pricing), etc.

SSCC: Serial shipping container codes – used for large pallets or crates to show contents as whole

GLN: Global location Number

Advanced Ship notice contains:

1. SSCC
2. GDSN
3. GLN

Barcode types:

EAN/UPC barcodes – Use EAN/UPC barcodes on trade items so they can be scanned at Point-of-Sale and distribution centres, anywhere in the world.

GS1 DataBar – Use the range of GS1 DataBar barcodes to identify, capture and share data in your supply chain. Often used on small or hard-to-mark consumer products, these barcodes can also be used at Point-of-Sale if retailers are ready.

ITF-14 barcodes – Use ITF-14 barcodes on corrugated cardboard or fibreboard – for example cases and cartons – that are not intended for Point-of-Sale scanning.

GS1-128 barcodes – Use GS1-128 barcodes on cases and cartons, pallets and other logistics units in the supply chain; and capture additional information about your trade items.

GS1 Data Matrix – Use GS1 Data Matrix barcodes to hold a large amount of data in a relatively small space. These compact, two-dimensional barcodes can be used in a number of applications across a range of industries.

GS1 QR Codes – Use these two-dimensional barcodes, which were recently introduced to the GS1 System, as another option for applications that support the use of GS1 Data Matrix.

EPC/RFID standards – Use EPC/RFID standards to leverage the many benefits of UHF and HF radio frequency identification, from speed of identification to improved accuracy of your inventory.

