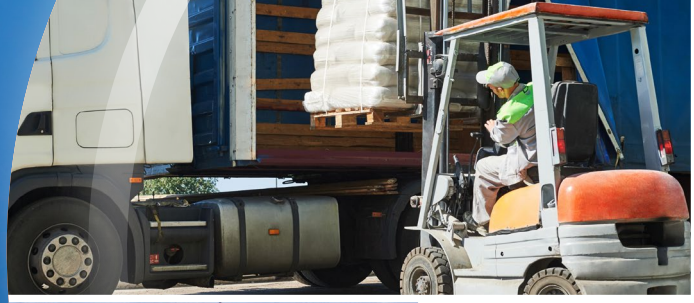
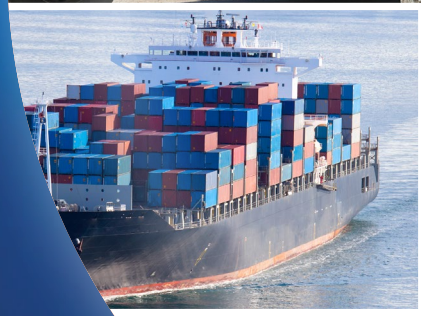
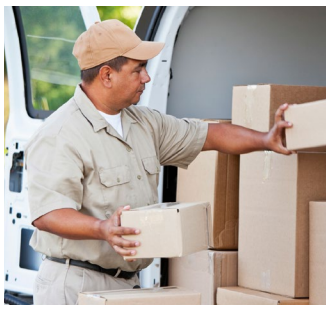
GS1 Australia



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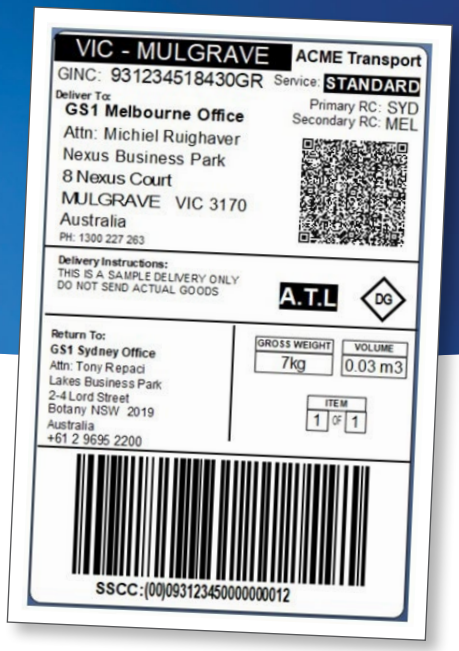
# SCAN4TRANSPORT
# DRIVING DIGITAL TRANSPORT CAPABILITY




## WHAT IS SCAN4TRANSPORT?

Scan4Transport is a global standard for encoding transport data on a Logistics Label. The standard supports companies across the transport process including first mile, sortation and last mile activities and enables them to keep pace with the growing needs of their customers.

## WHY WOULD WE USE IT?

**Using the Scan4Transport label enables:**

- Improved first and last mile processes by capturing transport task data from barcodes, even before electronic instructions.
- Enhanced sortation via granular address capture from transport labels.
- Maintained visibility even without remote IT system access.
- Standard labels that improve efficiency and interoperability across the supply

## HOW DOES IT WORK?

The Scan4Transport standard allows the capture of the core data required to complete a transport task by scanning a 2D barcode on a standards-based transport label.

Transport data including address information, authority to leave, etc is encoded into a 2D barcode symbol (a GS1 Data Matrix or QR code) on the transport label to facilitate the transport of all sorts of freight including satchels, cartons and pallets.

## WHAT IS A 2D BARCODE?

2D barcodes, also known as Next Generation Barcodes, are a type of barcode that can have large amounts of data embedded within. One type of 2D barcode is the GS1 DataMatrix. 2D barcodes are particularly useful for storing information relevant to the transport process (e.g. Ship to Address, Dangerous Goods Information, Weight, min and max freight temperature requirements, etc) as it enables the information to be available in both on-line and off-line environments by simply scanning the barcode.

## ABOUT THE STANDARD

A global industry workgroup, including major Australian transport organisations such as AusPost, DHL and VicTas Freight Express, collaborated to develop the Application Identifiers (AIs) and Implementation Guideline that underpin Scan4Transport.

These AIs define the meaning of each data element so transport information can be encoded and interpreted consistently across different systems.

The Guideline applies the GS1 Digital Link standard within a 2D barcode on the logistics label. This helps improve efficiency, interoperability and visibility across the transport process, particularly in last-mile operations.

The workgroup included shippers, logistics providers, solution partners and GS1 member organisations from more than 22 countries. Their collaboration helps drive stronger alignment and improved efficiencies across the sector.

> “These Application Identifiers define the meaning of each data element so transport information can be encoded and interpreted consistently across different systems.”

## BENEFITS OF A SCAN4TRANSPORT LABEL

### Enables 30 key data attributes to be captured in the barcode

**Provides clear digital access to essential delivery and handling details, including:**

- Delivery and return locations
- Routing instructions
- Authority to leave
- Signature requirements
- Delivery windows
- Temperature details

Access to key transport instructions via the barcode when freight is handled, before electronic instructions have been received

Seamless identification and traceability across global supply chains via SSCC

Enhanced sortation, smoother processes and greater customer satisfaction

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