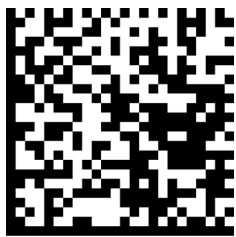


Make sure your barcodes are compliant!

When choosing your barcode symbology for adherence to Project i-TRACE requirements, it is helpful to know that not all 2D barcodes are the same and it can be easy to get it wrong.

Project i-TRACE calls for the implementation of GS1 DataMatrix as the barcode of choice – here are some reasons why and a quick checklist that you have it right.

GS1 DataMatrix



VS

QR Code



GS1 DataMatrix will:

- Still return a successful scan even if it is 40% damaged
- Scale down to as little as 5mm x 5mm – ideal for very small components
- Allow etching directly on to steel or other material types
- Withstand exposure to harsh environments
- Support structured data requirements as per GS1 standards
- Allow the encoding of over 2000 alphanumeric or 3000 numeric characters
- Need Function 1 character to be configured on your scanning device to ensure it is a GS1 compliant 2D DataMatrix

Overall, GS1 DataMatrix are a robust symbology that, when direct part marked, can withstand exposure to the elements unique to the rail industry.

GS1 DataMatrix in association with GS1 application identifiers allow the users to encode the base data requirements for the rail industry, with scope to add a vast range of data attributes to improve their supply chain processes.

For more information on GS1 DataMatrix please follow the link:

www.gs1au.org/resources/standards-and-guidelines/barcodes-and-rfid/gs1-datamatrix

Contact GS1 Australia on **1300 227 263**