GSMP Scan4Transport (S4T) - Phase 2 Prototype testing and Implementation Guideline
Mission Specific Working Group (MSWG) WR – 20-319

Milestone deliverables

1. Project approved December '18
   • Seated group

2. Requirements / Prototype April 2021
   • Com Review & eBallot

3. Development June 2021
   • Com Review & eBallot
   • IP review
   • Ratification

4. Collateral Publication July 2021
   • GS1 website

Completed last 30 days
• Obtained March – April pilot findings
• Aligned on two deliverables
Phase 2 S4T IG
Phase 3 Future Proofing S4T: Digital Link Pilot Report

Next steps
• Motion S4T IG to community review end of May
• Identify and share changes S4T (IG) Implementation Guideline based on pilot results, observations, challenges, and successes
• Plan Phase 3

Risks and Issues
Interested Join Scan4Transport | GS1

Project Description
Standards describing the contents and structuring of the GS1 2D barcode symbol (and other GS1 data carriers) on the transport component of the GS1 Logistic Label, particularly data elements that enable the transport process in the absence of access to host applications providing information related to the transport unit

Key Transportation Process
First/Last Mile process (e.g. delivery route optimisation)
Sortation/Auto-sortation process (e.g. efficient sorting of parcels in the depot)
Administration process (e.g. capturing proof-of-delivery, billing)

Deliverable/Objective
Conduct prototype testing
Develop a GS1 S4T Implementation Guideline

Company participation

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<thead>
<tr>
<th></th>
<th>Actual roster</th>
<th>Required roster</th>
<th>Minimum votes (12)</th>
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<tbody>
<tr>
<td>Shipper</td>
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<td>Transport Companies</td>
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<td>Other</td>
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Stakeholders

| Sponsor (s)      | Elzbieta HALAS - GS1 Poland
| Marianne TIMMONS |
| SDL              | John RYU
| CE/Sol Liaison   | Thierry GRUMIAUX - GS1 France
| SME              | Dan MULLEN and Mark HARRISON
| AG Liaison       | Eugen SEHORZ – GS1 Austria
| Chairs           | Michiel RUIJHAVER – GS1 Australia

Legend

G  On schedule
Y  Minor Risk/≈10% behind schedule
R  Significant risk/10%+ behind schedule
C  Complete
Transport operators from around the world rely on the transport data encoded on a logistics label to support their daily operations. Currently, this data is captured in various proprietary formats. As the number of transport providers grows, so do these proprietary solutions, especially when it comes to two dimensional (2D) barcodes.

Consider that many retailers and shippers must use dozens upon dozens of transport providers and just as many different ways to encode the same information on a transport label. Driving this proliferation of transport providers are consumers. They are demanding increasingly more delivery options—demands that can only be fulfilled with more transport providers. For retailers and shippers, there is excessive waste associated with the development costs and time required to setup many different transport providers in their transport systems and processes.

### Project deliverables status

<table>
<thead>
<tr>
<th>Standards</th>
<th>Publication Date</th>
<th>Collateral</th>
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<tbody>
<tr>
<td>• S4T GSCN</td>
<td>August 2020</td>
<td>Collateral: Future Proofing S4T: Digital Link Pilot Report Tools</td>
<td>TBD 2021</td>
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<td>• General Specification V 21</td>
<td>January 2021</td>
<td>• GS1 S4T Interactive Demo Tool</td>
<td>December 2020</td>
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<td>• Prototype testing</td>
<td>July 2021</td>
<td>• GS1 Scan4Transport Mobile Demo</td>
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<tr>
<td>• S4T Implementation Guideline</td>
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<td>• GS1 Digital Link demo page</td>
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<td>Collateral: Future Proofing S4T: Digital Link Pilot Report Tools</td>
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<td>• Scan4Transport slide deck</td>
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<td>• S4T Flyer</td>
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<td>• GS1 Transport Standards – YouTube</td>
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**Legend**

- **G**: On schedule
- **Y**: Minor Risk (~10% behind schedule)
- **R**: Significant risk (>10% behind schedule)
- **C**: Complete