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

**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**

<table>
<thead>
<tr>
<th>Company</th>
<th>Actual roster</th>
<th>Required roster</th>
<th>Minimum votes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipper</td>
<td>5</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Transport Companies</td>
<td>9</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MO’s</td>
<td>27</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Solution Providers</td>
<td>6</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Stakeholders**
- Sponsor(s): Elzbieta HALAS - GS1 Poland, Marianne TIMMONS – GS1 GO (not an OGSIM)
- SDL: J. John RYU - GS1 GO
- CE/Sol Liaison: Thierry GRUMIAUX - GS1 France
- SME: Dan MULLEN and Mark HARRISON – GS1 GO
- AG Liaison: Eugen SEHORZ - GS1 Austria
- Chairs: Michiel RUIGHAVER – GS1 Australia

**Completed last 30 days**
- Ratification/Publication S4T Implementation Guideline (IG) Appendix C Measuring transport unit dimension WR 21-317
- Motioned S4T Pilot Report for publications

**Next steps**
- Publish S4T Pilot Report (Collateral Development)
- Finalise Geo-coordinates GSCN WR 21-318
- TBD Plan Phase 3 S4T Digital Link Standard and adoption of S4T standard.

**Risks and Issues**
Interested Join Scan4Transport | GS1

**Legend**
- G On schedule
- Y Minor Risk/≈10% behind schedule
- R Significant risk/10%+ behind schedule
- C Complete

**Update for**
1 February 2022
What business challenges are being solved

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
(completed documents are hyperlinked)

<table>
<thead>
<tr>
<th>Standards</th>
<th>Publication Date</th>
<th>Collateral</th>
<th>Publication Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>• S4T Appendix C WR 21-317</td>
<td>• December 2021</td>
<td>Congratulations GS1 Australia – S4T Winner of Not for Profit &amp; Community Solutions of the year award</td>
<td>June 2021</td>
</tr>
<tr>
<td>• Phase 2 HTML S4T Implementation Guideline</td>
<td>• August 2021</td>
<td>Tools</td>
<td>December 2020</td>
</tr>
<tr>
<td>• General Specification V 21</td>
<td>• January 2021</td>
<td>GS1_S4T Interactive Demo Tool</td>
<td></td>
</tr>
<tr>
<td>• S4T GSCN</td>
<td>• August 2020</td>
<td>GS1_Scan4Transport Mobile Demo</td>
<td></td>
</tr>
</tbody>
</table>

Completed

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

Legend

C = Complete
X = Missed deadline
A = Missed by 10% or behind schedule
R = Significant risk (10% or behind schedule)
G = Go schedule