GSMP TDS/TDT 2.0 Mission Specific Working Group (MSWG)

Project Lead: Greg Rowe

Business purpose
• TDS/TDT 2.0 MSWG and EPC UHF Gen2 v3 MSWG will work in parallel to develop technical revisions to modernise GS1’s EPC “suite” of standards, with focus on increased native interoperability and ease of use.

Accomplishments this period
• GS1 GO staff is working on making updates to the TDS 2.1 standard

Key issues and risks
• Additional Community Review comments caused a delay to moving to eBallot. Estimate ending in December
• GS1 GO Staff SMEs found gaps in Section 17 (Packed Objects) of TDS standard that would prove challenging to some DPP scenarios and other potential user cases requiring Digital Signature. Additionally, corrections to ABNF grammar needed

Upcoming period activities
• GS1 GO staff finalise updates and hold call with TDS MSWG to go over updates
• 13 December team call motion to Community Review, conduct Community Review resolutions and eBallot
• The TDS/TDT MSWG will close once the eBallot for TDS 2.1 is complete and transition to the ID SMG

Report Date: December 2023
Closing in January 2024

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## Overall Status

<table>
<thead>
<tr>
<th>#</th>
<th>Standard/guideline</th>
<th>Due Date</th>
<th>Notes</th>
<th>#</th>
<th>Collateral milestones</th>
<th>Due date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EPC Tag Data Standard (TDS) 2.0</td>
<td>August 2022</td>
<td>Ratified 10 August</td>
<td>1</td>
<td>Social media announcement and executive summary in collaboration with Marketing (Craig &amp; Deirdre).</td>
<td>Q3 2022</td>
<td>Q3 2022</td>
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<tr>
<td>2</td>
<td>EPC Tag Data Translation (TDT) standard 2.0</td>
<td>May 2023</td>
<td></td>
<td>2</td>
<td>Re-launch of the TDS/TDT landing page</td>
<td>Q3 2023</td>
<td></td>
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<tr>
<td>3</td>
<td>TDS 2.0 to TDS 2.1</td>
<td>Jan 2024</td>
<td>Prior to moving to a SMG, the team will make minor updates in TDS 2.0 to create TDS 2.1 – Once this work is complete, the MSWG will close and move to ID SMG</td>
<td>3</td>
<td>Open-source-based encoder/decoder between GS1 Element String, GS1 Digital Link, EPC Binary and EPX Hex formats, leveraging new TDT 2.0 artefacts.</td>
<td>Q3 2023</td>
<td>Q3 2023</td>
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## Stakeholders

<table>
<thead>
<tr>
<th>OGSM</th>
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<tbody>
<tr>
<td>Sponsor</td>
<td>Robert Beideman</td>
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<tr>
<td>SDL</td>
<td>Greg Rowe</td>
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<tr>
<td>CE/Sol Liaison</td>
<td>Steven Keddie</td>
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<tr>
<td>SME</td>
<td>Craig Alan Repec</td>
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<td>AG Liaison</td>
<td>Mark Harrison</td>
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<tr>
<td>Chairs</td>
<td>Jeanne Duckett – Avery Dennison Mark Harrison – Milecastle Media Limited</td>
</tr>
</tbody>
</table>

## Project Scope, Resources and Timeline Change Management

- IESC approval date 4/21
- IESC projected delivery date, June 2022
- GSMP management approved splitting TDS and TDT with TDS by June 2022. Delivery date for TDT is Q1 2023
- Prior to moving to a SMG, the team will make minor updates in TDS 2.0 to create TDS 2.1 – updates are expected to be completed in July, with the publication taking place in early/to mid-August
  - Once this work is complete, the MSWG will close and move to ID SMG

## Change Management

- New risks identified
- Change request included
- Legend
  - Complete
  - Not Started
  - On target
  - Risk of being late
  - Change needed (not recoverable)