**Business purpose**
Counterfeiting is a growing problem damaging the global economy. More effective enforcement on national and regional level is needed. Various approaches and different emerging solutions are being proposed to combat counterfeiting, diversion and illicit trade. Divergent approaches and solutions pose a risk of adding complexity and cost to the supply chain and they also conflict with GS1 standards and standards-based implementations.

**Accomplishments this period**
- Core team conducted first GS1 expert alignment call and shared schedule for feedback.
- Timeline has been revised to Q2 2024

**Key issues and risks**
- Confirm alignment with 2D barcodes, serialisation and Verifiable Credentials Standards

**Upcoming period activities**
- Deliverable #4 Technical Implementation Guideline (TIG)
  - GS1 expert to provide their feedback for internal alignment before posting for community review
  - Additional calls in March for oversight by GS1 experts
  - Community Review April 12-30
## Digital Signatures MSWG

### Overall Status

<table>
<thead>
<tr>
<th>#</th>
<th>Standard/guideline Milestones</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>Phase I - Open Standard Solution WR 21-240: GS1 Web Vocabulary gs1:AuthenticationDetails</td>
<td>Q4 2021</td>
<td></td>
<td>1</td>
<td>Edited Digital Signature Demo Video</td>
<td>Oct 2021</td>
<td></td>
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<tr>
<td>2</td>
<td>Phase I - WR 21-240 Extra Link Type for JSON Web Signature</td>
<td>Q4 2021</td>
<td></td>
<td>2</td>
<td>Demonstration Tool recording</td>
<td>Jul 2021</td>
<td></td>
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<tr>
<td>3</td>
<td>WR 21-307: Application Identifiers for ISO/IEC 20248 data structure</td>
<td>End of April 2024</td>
<td></td>
<td>3</td>
<td>Signature session recording for education and awareness</td>
<td>May 2021</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Deliverable 4 WR 23-172 Technical Implementation Guideline</td>
<td>Q2 2024</td>
<td>Timeline has been revised from Q1 2024 to Q2 2024</td>
<td>4</td>
<td>Collateral Material</td>
<td>None</td>
<td>After further analysis regarding collateral material, Technical Implementation Guideline will be developed within GSMP.</td>
</tr>
</tbody>
</table>

### Stakeholders

<table>
<thead>
<tr>
<th>Role</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor</td>
<td>Robert BEIDEMAN (GS1 GO)</td>
</tr>
<tr>
<td>SDL</td>
<td>J. John RYU (GS1 GO)</td>
</tr>
<tr>
<td>CE/Sol Liaison</td>
<td>Patrik JONASSON (GS1 GO), Nellie GAYLE (GS1 GO)</td>
</tr>
<tr>
<td>SME</td>
<td>Mark HARRISON, Peta DING, Nadi GRAY (GS1 GO)</td>
</tr>
<tr>
<td>AG Liaison</td>
<td>Kevin DEAN (GS1 Canada)</td>
</tr>
<tr>
<td>Chairs</td>
<td>Bertus PRETORIUS (Tönnjes)</td>
</tr>
</tbody>
</table>

### Project Scope, Resources and Timeline Change Management

- Project approval date 5/2020
- 2022-07-21 project change notification was submitted with July Scorecard to change the delivery date of deliverable #3 to Q3 2022 from Q2 2022
- 2022-08-18 project change notification was submitted with Sep Scorecard to change the delivery date of deliverable #3 to Q4 2022 from Q3 2022
- 2023-02-10 project change notification was submitted with Feb scorecard
  - Change the delivery date of deliverable #3 ISO/IEC 2024 to end of April ‘23 from Q4’
- 2023-04-03 project change notification was submitted with April Scorecard
  - Deliverable #4 Technical Implementation Guideline timeline to July ‘23 from April ‘23
- 2023-05-04 project change notification was submitted with May Scorecard
  - Deliverable #3 WR 21-307 timeline to June ‘23 from April ‘23
- 2023-11-16 project change notification was submitted with Nov Scorecard
  - Deliverable #4 WR 21-172 timeline to Q1 ‘24 from Nov ‘23
- 2024-03 project change notification was submitted with Feb Scorecard
  - Deliverable #4 WR 21-172 timeline to Q2 ‘24 from Q1 ‘24

New risks identified: No; Change request included: Yes; Change needed (not recoverable): No

### Legend

- Complete
- Not Started
- On target
- Risk of being late
- Change needed (not recoverable)
DigSig TIG Schedule – Internal Do not post

- Finalise TIG for GS1 Expert Oversight
- GS1 Expert Alignment
- Feedback by GS1 Expert
- GS1 Expert call to resolve feedback
- Finalise TIG for community review
- Motion cRev April 12-30
- cRev Resolution
- Motion eBallot May 13-22
- Publication

Feb - Apr
Apr 11
May 9
June
GS1 Expert Schedule TIG – Internal Do not post

Feb 28 (10:00-11:00 EST / 16:00-17:00 CET)
• GS1 Expert Oversight Intro Call
  • Leads highlight TIG
  • Highlight area for GS1 Experts to provide feedback
  • What should be in and out or adjusted

Feb 28 – Mar 15 GS1 Expert Oversight Review
• Mar 20 (11:00-12:00 EST / 17:00-18:00 CET)
  • GS1 Expert Call to share any concerns feedback
• Mar 21-26 Peta update TIG
• Mar 28 (08:00-09:00 EST/ 14:00-15:00 CET)
  • GS1 Expert call feedback and final input to update TIG
  • April 2-4 Peta final update for cRev

2024

Feb 28 GS1 Expert Call – Leads introduce and highlight TIG

Mar 20 GS1 Expert provide feedback

Mar 28 GS1 Expert Call final update TIG
MSWG Call Duration:
• 60 minutes
• 09:00-10:00 ET New York / 15:00-16:00 CET Brussels

Schedule
• April 11 Motion cRev
• April 12-30 cRev
• April 12 – May 13 IP Review
• May 2 Resolve cRev first discussion
• May 9 Resolve cRev second discussion
• May 9 Motion eBallot
• May 13-22 eBallot
• May 23-29 Ratification
• May 30 – June 5 Publications