

Digital Signatures

Mission Specific Work Group (MSWG)

Project Lead: J. John RYU (GS1 GO)

Report Date: March 2024
Expected project close: Q2 2024

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

Key issues and risks

- Confirm alignment with 2D barcodes, serialisation and Verifiable Credentials Standards

Accomplishments this period

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

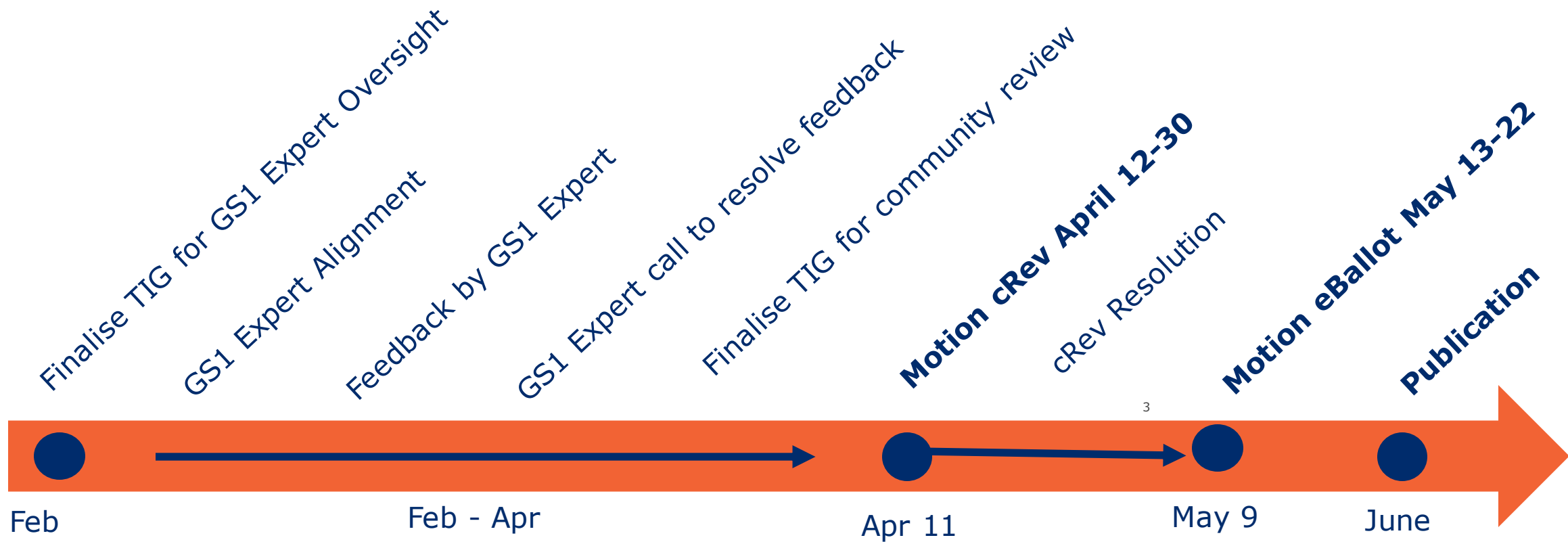
Upcoming period activities

- 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											
#	Standard/guideline		Milestones	Due Date	Notes	#	Collateral milestones		Due date	Notes	
1	Phase I - Open Standard Solution		WR 21-240: GS1 Web Vocabulary	gs1:AuthenticationDetails	Q4 2021		1	Edited Digital Signature Demo Video		Oct 2021	
2	Phase I - WR 21-240 Extra Link Type for JSON Web Signature				Q4 2021		2	Demonstration Tool recording		Jul 2021	
3	WR 21-307: Application Identifiers for ISO/IEC 20248 data structure				End of April 2024		3	Signature session recording for education and awareness		May 2021	
4	Deliverable 4 WR 23-172 Technical Implementation Guideline				Q2 2024	Timeline has been revised from Q1 2024 to Q2 2024	4	Collateral Material		None	After further analysis regarding collateral material, Technical Implementation Guideline will be developed within GSMP.
Stakeholders					Project Scope, Resources and Timeline Change Management						
Sponsor		Robert BEIDEMAN (GS1 GO)				<ul style="list-style-type: none">Project approval date 5/20202022-07-21 project change notification was submitted with July Scorecard to change the delivery date of deliverable #3 to Q3 2022 from Q2 20222022-08-18 project change notification was submitted with Sep Scorecard to change the delivery date of deliverable #3 to Q4 2022 from Q3 20222023-02-10 project change notification was submitted with Feb scorecard<ul style="list-style-type: none">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<ul style="list-style-type: none">Deliverable #4 Technical Implementation Guideline timeline to July '23 from April '232023-05-04 project change notification was submitted with May Scorecard<ul style="list-style-type: none">Deliverable #3 WR 21-307 timeline to June '23 from April '232023-11-16 project change notification was submitted with Nov Scorecard<ul style="list-style-type: none">Deliverable #4 WR 21-172 timeline to Q1 '24 from Nov '232024-03-project change notification was submitted with Feb Scorecard<ul style="list-style-type: none">Deliverable #4 WR 21-172 timeline to Q2 '24 from Q1 '24					
SDL		J. John RYU (GS1 GO)									
CE/Sol Liaison		Patrik JONASSON (GS1 GO), Nellie GAYLE (GS1 GO)									
SME		Mark HARRISON, Peta DING, Nadi GRAY (GS1 GO)									
AG Liaison		Kevin DEAN (GS1 Canada)									
Chairs		Bertus PRETORIUS (Tönnjes)									
New risks identified		No	Change request included	Yes	Legend		Complete	Not Started	On target	Risk of being late	Change needed (not recoverable)

DigSig TIG Schedule – Internal Do not post



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 Schedule DigSig TIG Internal Do not post

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

2024
April 11
May 2 9

