Digital Signatures
Mission Specific Work Group (MSWG)

Project Lead: J. John RYU (GS1 GO)

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

- Based on core team meetings and discussions in October and schedule has been updated because review needed by SME, community engagement, and SDL
- Community review by Jan '24
- eBallot changed to Q1 '24 from Nov '23

Accomplishments this period

- Core team has been updating the TIG

Upcoming period activities

- Core team conducting calls to prepare for community review
- Deliverable #4 Technical Implementation Guideline (TIG)
  - Draft by core team
  - Community review by Jan '24
  - eBallot in Q1 '24

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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 '21		1	Edited Digital Signature Demo Video	Oct '21	
2	Phase I - WR 21-240 Extra Link Type for JSON Web Signature	Q4 '21		2	Demonstration Tool recording	Jul '21	
3	WR 21-307: Application Identifiers for ISO/IEC 20248 data structure	End of April '24		3	Signature session recording for education and awareness	May ' 21	
4	Deliverable 4 WR 23-172 **Technical** Implementation Guideline	Q1 '24	Update based upon November meetings original Nov '23	4	Collateral Material	None	After further analysis regarding collateral material, Technical Implementation Guideline will be developed within GSMP.

Stakeholders

Sponsor	Robert BEIDEMAN (GS1 GO)
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)

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 20248 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

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