

# Digital Signatures

## Mission Specific Work Group (MSWG)

*Project Lead: J. John RYU (GS1 GO)*

Report Date: Sep 2024  
Project Closed: Q3 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**

- None

### **Accomplishments this period**

- Completed eBallot
- Ratified
- Closed out group and thank you !

### **Upcoming period activities**

- Publish the Guideline



# 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	See <a href="https://gs1.org/voc/AuthenticityDetails">https://gs1.org/voc/AuthenticityDetails</a>	1	Edited Digital Signature Demo Video	Oct 2021	
2	Phase I - WR 21-240 Extra Link Type for JSON Web Signature	Q4 2021	See <a href="https://gs1.org/voc/jws">https://gs1.org/voc/jws</a>	2	Demonstration Tool recording	Jul 2021	
3	WR 21-307: Application Identifiers for ISO/IEC 20248 data structure	End of April 2023	application standard See sections 2.6.16 AI 8030 See Section 3.9.18	3	Signature session recording for education and awareness	May 2021	
4	Deliverable 4 WR 24-213 Technical Implementation Guideline	Q3 2024	See <a href="https://www.gs1.org/standards/log">https://www.gs1.org/standards/log</a>	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"> <li>Project approval date 5/2020</li> <li>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</li> <li>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</li> <li>2023-02-10 project change notification was submitted with Feb scorecard                             <ul style="list-style-type: none"> <li>Change the delivery date of deliverable #3 ISO/IEC 2024 to end of April '23 from Q4'</li> </ul> </li> <li>2023-04-03 project change notification was submitted with April Scorecard                             <ul style="list-style-type: none"> <li>Deliverable #4 Technical Implementation Guideline timeline to July '23 from April '23</li> </ul> </li> <li>2023-05-04 project change notification was submitted with May Scorecard                             <ul style="list-style-type: none"> <li>Deliverable #3 WR 21-307 timeline to June '23 from April '23</li> </ul> </li> <li>2023-11-16 project change notification was submitted with Nov Scorecard                             <ul style="list-style-type: none"> <li>Deliverable #4 WR 23-172 timeline to Q1 '24 from Nov '23</li> </ul> </li> <li>2024-03-project change notification was submitted with Feb Scorecard                             <ul style="list-style-type: none"> <li>Deliverable #4 WR 23-172 timeline to Q2 '24 from Q1 '24</li> </ul> </li> <li>2024-07-project change notification was submitted with July Scorecard                             <ul style="list-style-type: none"> <li>Deliverable #4 WR 23-172 / 24-313 timeline to Q3 '24 from Q2 '24</li> </ul> </li> </ul>				
SDL	J. John RYU (GS1 GO)						
CE/Sol Liaison	Nellie GAYLE (GS1 GO)						
SME	Mark HARRISON, Peta DING, Nadi GRAY (GS1 GO)						
AG Liaison	Kevin DEAN (GS1 Canada)						
Chairs	Bertus PRETORIUS (Tönnjes)						

Change request				Complete	Not Started	Complete	Risk of being	Change needed (not
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