

GSMP EPC UHF Gen2v3 Mission Specific Work Group (MSWG)

Project Lead: J. John RYU

Report Date: June 2024
Expected project close date: Q2 2024

Business purpose

This group will develop technical revisions to modernise GS1's EPC "suite" of standards, with focus on increasing inventory scanning performance and efficiency with flexibility of parameters for diverse application requirements and harmonisation of the EPC Gen2 with ISO/IEC 18000-63 through the optimisation of the Gen2 air interface command set based on implementation lessons from the field.

Key issues and risks

- None

Accomplishments this period

- Gen2v3 conformance requirements
 - Completed community review and motioned to eBallot
 - Completed IP Review
 - June eBallot

Upcoming period activities

- Gen2v3 conformance requirements
 - Ratification
 - Publication
- Close out MSWG



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Overall Status

#	Standard/guideline Milestones	Due Date	Notes	#	Collateral milestones	Due date	Notes
1	WR – 21-320 EPC/RFID UHF air interface protocol Gen2v3	Dec 2023		1	Fact Sheet Post on website	Q1 2024	https://www.gs1.org/sites/default/files/docs/epc/epc_gen2v3_fact_sheet.pdf
2	WR 24-041 EPC/RFID Gen2v3 Conformance Requirements	Q2 2024					

Stakeholders

Project Scope, Resources and Timeline Change Management

Sponsor (s)	Robert BEIDEMAN (GS1 GO)			<ul style="list-style-type: none"> Project approval April 2021 Scope change #1 - revised to March 2023 due to increase from 5 technical requirements to 12 and BRAD community review delay Project change October 2022 <ul style="list-style-type: none"> Extended 27 Oct decision deadline to Dec 2022 in solving the BRAD requirements Revised Gen2v3 solution deliverable To: Q2 2023 From: Q1 2023 Megan (Impinj) added as co-chair Project change March 2023 <ul style="list-style-type: none"> Revised Gen2v3 solution deliverable To: Oct 2023 From: Q2 2023 Revised conformance requirements To: Q1 2024 From: Q4 2023 Project change October 2023 <ul style="list-style-type: none"> Revised Gen2v3 solution deliverable To: Dec 2023 From: Oct 2023 Revised conformance requirements To: Q2 2024 From: Q1 2024 Prototype testing is not needed to complete the conformance requirements document The proposed Interoperability Test Methodology is not needed and is potential future development
SDL	J. John RYU (GS1 GO)			
CE/Sol Liaison	Claude TETELIN (GS1 GO)			
SME	Claude TETELIN Craig Alan REPEC (GS1 GO)			
AG Liaison	Eugen SEHORZ (GS1 Austria)			
Chairs	Tom FREDERICK (Clairvoyant) Megan BREWSTER (Impinj)			
New risks identified	No	Change request included	No	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">Legend</div> <div style="text-align: center;">Complete</div> <div style="text-align: center;">Not Started</div> <div style="text-align: center;">On target</div> <div style="text-align: center;">Risk of being late</div> <div style="text-align: center;">Change needed (not recoverable)</div> </div>