

GSMP EPC UHF Gen2v3

Mission Specific Work Group (MSWG)

Project Lead: J. John RYU

Report Date: March 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 at this time

Accomplishments this period

- Gen2v3 conformance requirements
 - Shared first draft
 - Call out for conformance requirements owner
- Worked with GS1 marketing to develop collateral material fact sheet

Upcoming period activities

- Gen2v3 conformance requirements
 - Owners to update their section
 - Discuss and verify no missing requirements



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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 2021Scope change #1 - revised to March 2023 due to increase from 5 technical requirements to 12 and BRAD community review delayProject change October 2022<ul style="list-style-type: none">Extended 27 Oct decision deadline to Dec 2022 in solving the BRAD requirementsRevised Gen2v3 solution deliverable To: Q2 2023 From: Q1 2023Megan (Impinj) added as co-chairProject change March 2023<ul style="list-style-type: none">Revised Gen2v3 solution deliverable To: Oct 2023 From: Q2 2023Revised conformance requirements To: Q1 2024 From: Q4 2023Project change October 2023<ul style="list-style-type: none">Revised Gen2v3 solution deliverable To: Dec 2023 From: Oct 2023Revised conformance requirements To: Q2 2024 From: Q1 2024Prototype testing is not needed to complete the conformance requirements documentThe 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	Legend	Complete	Not Started	On target	Risk of being late	Change needed (not recoverable)