

GSMP EPC UHF Gen2v3 Mission Specific Work Group (MSWG)

Project Lead: J. John RYU

Report Date: September 2023
Expected project close date: Q1 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

- More time needed to finalise solutions for the two major requirements (create new commands and inclusion in the existing protocol)

Accomplishments this period

- Thank you Core Gen2v3 (Rene, Jim, Tom, Megan) for your time to edit / discuss and prepare Gen2v3 for community review
- Gen2v3 Solution in Community Review and IP Review

Upcoming period activities

- Monitor and resolve community review comments Gen2v3
- Discuss and plan conformance requirements
- Discuss and identify collateral material



GSMP EPC UHF Gen2v3 MSWG

Overall Status

#	Standard/guideline Milestones	Due Date	Notes	#	Collateral milestones	Due date	Notes
1	WR – 21-320 EPC/RFID UHF air interface protocol Gen2v3	Oct 2023		1	List your milestones here	None at this time	
2	EPC/RFID Gen2v3 Conformance Requirements	Q1 2024	Conformance requirement will start after beginning Gen2v3 Community Review				
3							
4							

Stakeholders				Project Scope, Resources and Timeline Change Management					
Sponsor (s)	Robert BEIDEMAN (GS1 GO)			<ul style="list-style-type: none"> • Project approval April 2021 • Projected delivery date was May 2022 • 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 					
SDL	J. John RYU (GS1 GO)								
CE/Sol Liaison	Claude TETELIN (GS1 GO)								
SME	Claude TETELIN and 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)

