

GSMP EPC UHF Gen2v3 Mission Specific Work Group (MSWG)

Project Lead: J. John RYU

Report Date: May 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

- Decision to postpone Gen2v3 Solution MSWG review because of complexity, more development time was needed by the core team to make sure all the new features are consistent with each other.
- Results of June prototype testing may impact the Gen2v3 solution timeline

Accomplishments this period

- Editor team provided high level updates regarding Gen2v3 solution
- Core Editor Team started drafting solution

Upcoming period activities

- Weekly Thursday editor teleconference
- Continue drafting solution
- Prepare Gen2v3 demo solution for the prototype testing in June



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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	Oct 2023	Prototype testing will impact Change from June 2023 To October 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"> • IESC approval April 2021 • IESC 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)

