

GSMP EPC UHF Gen2v3

Mission Specific Work Group (MSWG)

Project Lead: J. John RYU

Report Date: Jan 2023
Expected project close date Q4 2023

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

- Editor team is determining if prototype testing will be needed and determine impact to project
- Further details will be provided as there may be an impact to the delivery of June 2023 Gen2v3 solution

Accomplishments this period

- Completed resolution of requirements by the Dec 2022 deadline
- Core Editor Team started in drafting solution
 - Tom (Clairvoyant)
 - Jim (EM Microelectronic)
 - Rene/Megan (Impinj)

Upcoming period activities

- Weekly Thursday Editor teleconference
- Start drafting solution
- Share work on Gen2v3 February 2 Teleconference



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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	June 2023		1	List your milestones here	None at this time	
2	EPC/RFID Gen2v3 Conformance Requirements	Q4 2023					
3							
4							

Stakeholders

Sponsor (s)	Robert BEIDEMAN (GS1 GO)
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)

Project Scope, Resources and Timeline Change Management

- 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
 - 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

New risks identified	Yes	Change request included	No	Legend	Complete	Not Started	On target	Risk of being late	Change needed (not recoverable)
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