GSMP EPC UHF Gen2v3 Mission Specific Working Group (MSWG) WR – 21-320

Milestone deliverables
1. Project approved April 26, 2021
   • Seated group
2. Requirements Dec 2021
   • Com Review & eBallot
3. Development TBD
   • Com Review & eBallot
   • IP review
   • Ratification
4. Collateral Publication
   • GS1 website

Completed last 30 days
- Successful eBallot BRAD
- Started GSMP step 3 development phase
- Shared project planning approach

Next steps
- Requirement owners will share draft solution ideas
- Seek editor team to help build solution
- Update project timing

Risks and Issues
Two months behind schedule due to resolution of community review comments by a GS1 member who needed to opt-in group.

Project Description
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.

Deliverable/Objective
Updates to
- EPC/RFID UHF air interface protocol Gen2 v3.0
- EPC/RFID Gen2 v3.0 Conformance Requirements

Company participation

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- Increase interoperability between the different pieces of GS1’s Identify / Capture / Share portfolio.
- Make RFID implementation and use easier.
- Prevent proliferation of proprietary custom features.

### Project deliverables status
tabular format:
- **Standards**
  - EPC/RFID UHF air interface protocol Gen2 v3.0
  - EPC/RFID Gen2 v3.0 Conformance Requirements
- **Publication Date**
  - TBD
  - TBD
- **Collateral**
  - TBD
- **Publication Date**

**What business challenges are being solved**

- The main objective of UHF Gen2 MSWG is to optimize the air interface based on lessons from the field.
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