GSMP EPCIS and Core Business Vocabulary (CBV) 2.0
Mission Specific Working Group (MSWG) WR - 18-050

Project Description
Develop an update to the EPCIS and CBV standards to increase their versatility as event-based visibility enablers, culminating in a backward-compatible major release. These enhancements will lower barriers to adoption of the EPCIS & CBV standards, increase their developer-accessibility and ensure their relevance into the coming decades.

Deliverable/Objective
The proposed standard enhancements will include, but not be limited to: Support for sensor-captured quality data in EPCIS events, Inclusion of party certification information in EPCIS data, Overhaul of CBV as Comprehensive Business Vocabulary, Addition of JSON-LD syntax to EPCIS, Addition of REST binding support to EPCIS, Diverse minor adjustments to EPCIS & CBV specs

Company participation

<table>
<thead>
<tr>
<th></th>
<th>Actual roster</th>
<th>Required roster</th>
<th>Minimum votes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>7</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Retailer/ eTailer</td>
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<td>MO’s</td>
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<tr>
<td>Solution Providers</td>
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Stakeholders

- **Sponsor**: Robert Beideman
- **SDL**: Greg Rowe
- **CE/Sol Liaison**: Tim Marsh
- **SME**: Craig Alan Repec
- **AG Liaison**: Elizabeth Waldorf
- **Chairs**: Elizabeth Waldorf – TraceLink, Neil Aeschliman – GS1 US

Workstream requirements
- EPCIS & CBV standards motioned to public community review on the 21 September call
- Public review started on 14 October as it took time to get multiple documents ready for review
- Review period - 14 October to 11 November

Next steps
- Work on resolving comments during the review period
- Conduct weekly calls with extended time to resolve comments
- Motion to eBallot by mid-December

Risks and Issues
- Due to high volume of comments coming into ComRev, it will take an extensive amount of time to resolve with full MSWG.
- Completion date to resolve comments, eBallot, ratification and publication is projected to be early Jan 2022

Milestone deliverables

1. Project approved
   - February ’18
   - Seated group

2. Draft Standard
   - June 2020
   - Com Rev

3. Development Community Review & Test Standard
   - Q2 2021
   - Com Rev & eBallot
   - IP review
   - Ratification

4. Collateral Development or Collateral
   - Q2 2021
   - Updated landing page including Linked Data
   - Implementation Guideline 2.0
   - Update of EPCIS Workbench to support EPCIS/CBV 2.0

Legend
- **G**: On schedule
- **Y**: Minor Risk/≈10% behind schedule
- **R**: Significant risk/10%+ behind schedule
- **C**: Complete
What business challenges are being solved

The work effort is driven by a number of business requirements, including the need to:
• increase the versatility of EPCIS as a visibility enabler
• lower barriers to adoption of EPCIS & CBV
• increase developer-accessibility of EPCIS & CBV
• ensure relevance of EPCIS & CBV into the coming decades

Project deliverables status
(completed documents are hyperlinked)

<table>
<thead>
<tr>
<th>Standards</th>
<th>Publication Date</th>
<th>Collateral</th>
<th>Publication Date</th>
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| EPCIS and Core Business Vocabulary (CBV) 2.0 | Q4 2021 (now early Jan 2022) | • Social media announcements and executive summary – currently in development with Marketing (Craig & Jen)  
• Re-launch of the EPCIS landing page featuring other normative, human-readable specifications – EPCIS 2.0 and CBV 2.0 – and their associated machine-readable artefacts  
• Publish an update to the EPCIS & CBV Implementation Guideline  
• Launch EPCIS Workbench 2.0 and FREEPCIS 2.0 in support of EPCIS/CBV 2.0 | Jan 2022  
Sept 2022  
Sept 2022 |