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>
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<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>
<td>3</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

**Risks and Issues**
- Breaking errors and flaws have been flagged via GitHub issues and during team calls, delaying Com Rev to end of September, Publication to December.

**Workstream requirements**
- Held session at the Fall I&S event
- Team continued to review and resolve GitHub issues

**Next steps**
- Motion EPCIS & CBV documents to public community review on the 21 September team call
- Public review will be 4-weeks
- Work on resolving comments during the review period

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

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

These enhancements will boost the appeal of EPCIS & CBV by enabling them to satisfy a range of

Project deliverables status
(completed documents are hyperlinked)

<table>
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<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 | • Currently in process of users vetting the spec as we work on finalising the standard based on feedback from the users  
• Marketing plans and material will be discussed during the public community review  
• Current plans include:  
  • Social media announcement  
  • Re-launch of the EPCIS landing page  
  • Both normative specifications – EPCIS 2.0 and CBV 2.0 – and their associated machine-readable artefacts  
  • Publish an update to the EPCIS & CBV Implementation Guideline in Q1 2022  
  • Launch EPCIS Workbench 2.0 and FREEPCIS 2.0 in support of the EPCIS/CBV 2.0 planned for Q3 2022 | TBD |

Legend

- G: On schedule
- Y: Minor Risk~10% behind schedule
- R: Significant risk/10%+ behind schedule
- C: Complete