AUTOMOTIVE PRESENTATIONS TO IEEE STANDARD WORK FLOW

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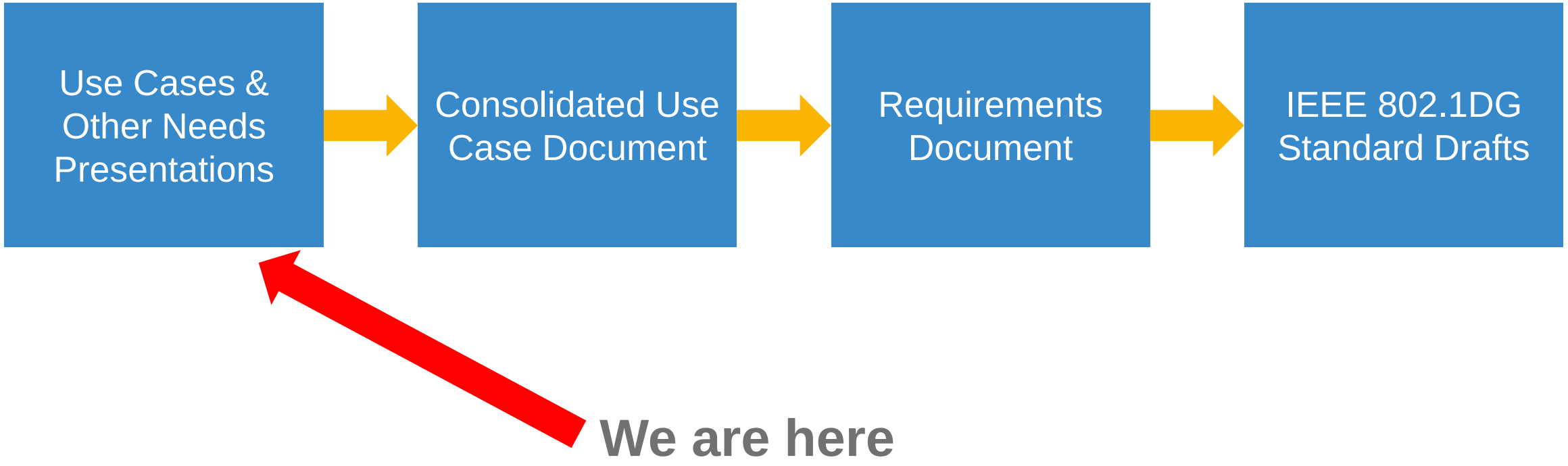
IEEE 802.1DG – Automotive Profile Work Flow

- Input Collection (Presentations made by Industry, i.e., You)
  - Presentations from the Industry that show Use Cases and Needs
    - Ethernet bandwidth and maximum latency requirements for each Use Case is helpful
      - For Example: Sensor XYZ generates 75 Mb/sec data bandwidth with a maximum Ethernet Talker to Ethernet Listener latency of 5 mSec
- Consolidation of the Inputs (work done by Don Pannell)
  - 802.1DG will follow the format that the IEC/IEEE 60802 Industrial Profile used
    - Each Presentation will have it's information consolidated into a single Use Case document
    - A Requirements document will be constructed at the same time from the Use Case data
- Creation of the IEEE 802.1DG Drafts (work done by Craig Gunther – Editor)
  - The 802.1DG Drafts will incorporate & be driven by the Requirements
    - From the Requirements document

IEEE 802.1DG – Automotive Profile Work Flow



Links to Examples

- Input Collection (Presentations made by Industry, i.e., You)
  - Presentations from the Industry that show Use Cases and Needs (only 1 listed for brevity)
  - http://www.ieee802.org/1/files/public/docs2019/dg-zinner-automotive-architecture-evolution-0319-v02.pdf
- Consolidation of the Inputs (work done by IEC/IEEE 60802)
  - Industrial Use Case document & Industrial Requirements document (latest examples)
  - http://www.ieee802.org/1/files/public/docs2018/60802-industrial-use-cases-0918-v13.pdf
  - http://www.ieee802.org/1/files/public/docs2018/60802-industrial-requirements-1218-v12.pdf
- Creation of the IEEE 802.1DG Drafts (work done by Craig Gunther – Editor)
  - The 802.1DG Drafts will incorporate & be driven by the Requirements (current draft)
  - http://www.ieee802.org/1/files/private/dg-drafts/d0/802-1DG-d0-1.pdf

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