



EPCglobal HLS Update

State of Pedigree and EPC/RFID Standards

Global Healthcare User Group Meeting
Berlin, Germany

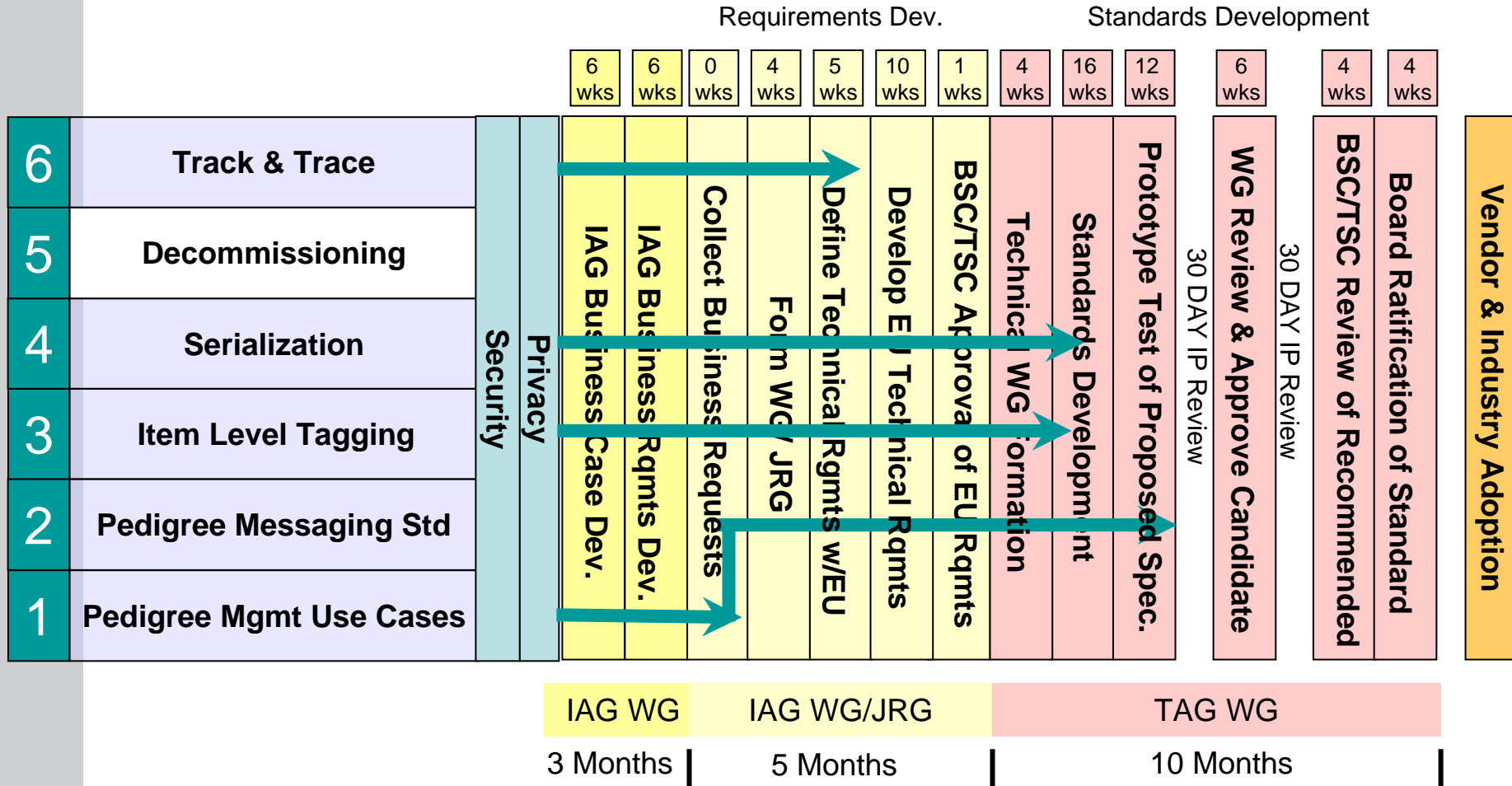
February 1, 2007

Mike Rose, Ron Bone & Ramesh Murthy
EPCglobal HLS Tri-Chairs



Standards Update

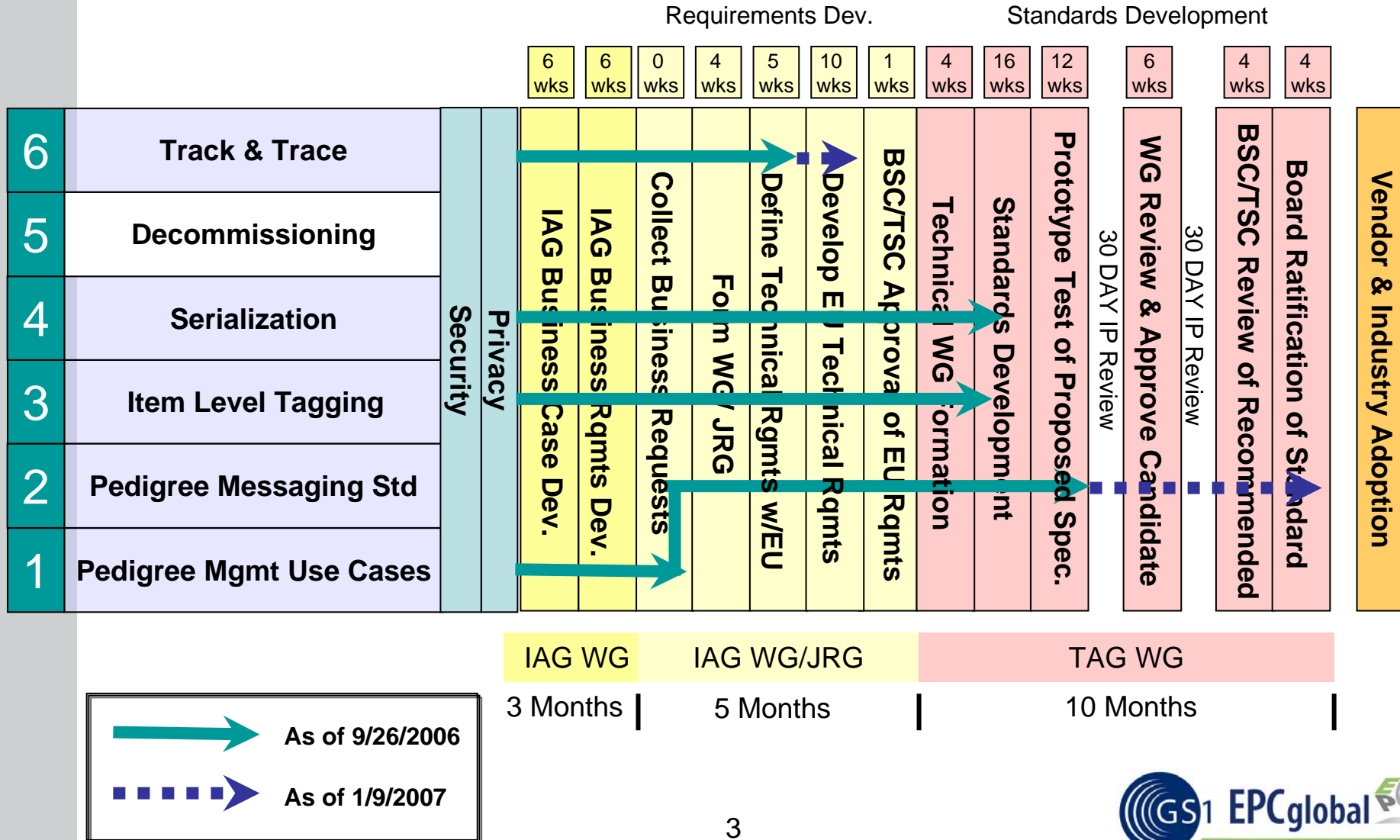
CA Enforcement Committee – 9/26/2006





Standards Update

Current Status





Standards Update

6	Track & Trace
5	Decommissioning
4	Serialization
3	Item Level Tagging
2	Pedigree Messaging Std
1	Pedigree Mgmt Use Cases

Define all supply chain use cases, processes and information needs for use in creating a Pedigree Messaging Standard.

Status: Complete



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Define a standard format for a Pedigree Messaging standard that will meet all current Federal and State Pedigree requirements.

Status:

- All Standards work complete (Certification Requirements due 12/20/2006).
- Prototype event was successful.
- Passed Technical Review
- Intellectual Property Review period started

- **Ratified standard**



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Define requirements for tagging pharmaceuticals at the item level. Include requirements for manufacturing lines, distribution environments, transportation and Retail environment.

Status:

- Requirements complete. Resulted in a High Frequency technical working group to define the standard.
- HF & UHF initiatives underway to provide uniform air interface protocol at item level.
- HF Standard expected '07.



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Define requirements the EPC identifier to be encoded on an RFID tag.

Status:

- Requirements complete. Identified 2 GS1 identifiers [Global Trade Item Number (GTIN) and Serialized Shipping Container Number (SSCC)] to be used.
- Collaborating with GS1/HUG via the “Global Healthcare Initiative” -- starting with Serialization.



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Define requirements and/or guidelines for decommissioning tags as they leave the supply chain.

Status:

- HLS Work Group to be chartered & initiated February 2007
- DEA interest in this capability is extremely high
- Solutions expected to span a mix of hardware, software and process responses
- Potential for this work to expand cross-industry



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Define supply chain use cases, processes and information needs for sharing EPC related data for forward and reverse logistics.

Status:

- Forward & Reverse Logistics (Returns) processes and data exchanges completed
- Common vocabularies and location identifiers drafted
- Additional use cases to be addressed:
 - 3rd Party Logistics Providers & Repackers
 - Product Recall
- Data Sharing Strategy & Guidelines are currently being addressed
- Pedigree-on-Demand concepts being Investigated
 - IBM/VeriSign – Solution Provider Perspective
 - Cardinal Health – Supply Chain End-User Perspective



Next Steps

- Walk Board of Pharmacy through Pedigree scenarios
- Host workshop for Regulators from States with electronic pedigree bills
- Industry Adoption WG formed
 - Working with Industry Associations on Serialization & Item Level Tagging issues
- Upcoming events:
 - **EPCglobal RFID Hospital Summit – February 20, 2007 in San Diego, CA**
 - Ongoing Standards Work
 - Serialization
 - Item Level Tagging
 - Track and Trace
- Provide regular status updates to CA BoP



Questions?