



# **GS1 EPC/RFID Advisory Group Meeting 2**

**21 February 2007**

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## Local Update

**GS1 Australia EPC/RFID Advisory Group**  
Sue Schmid, GM - Standards Development  
21th February 2007

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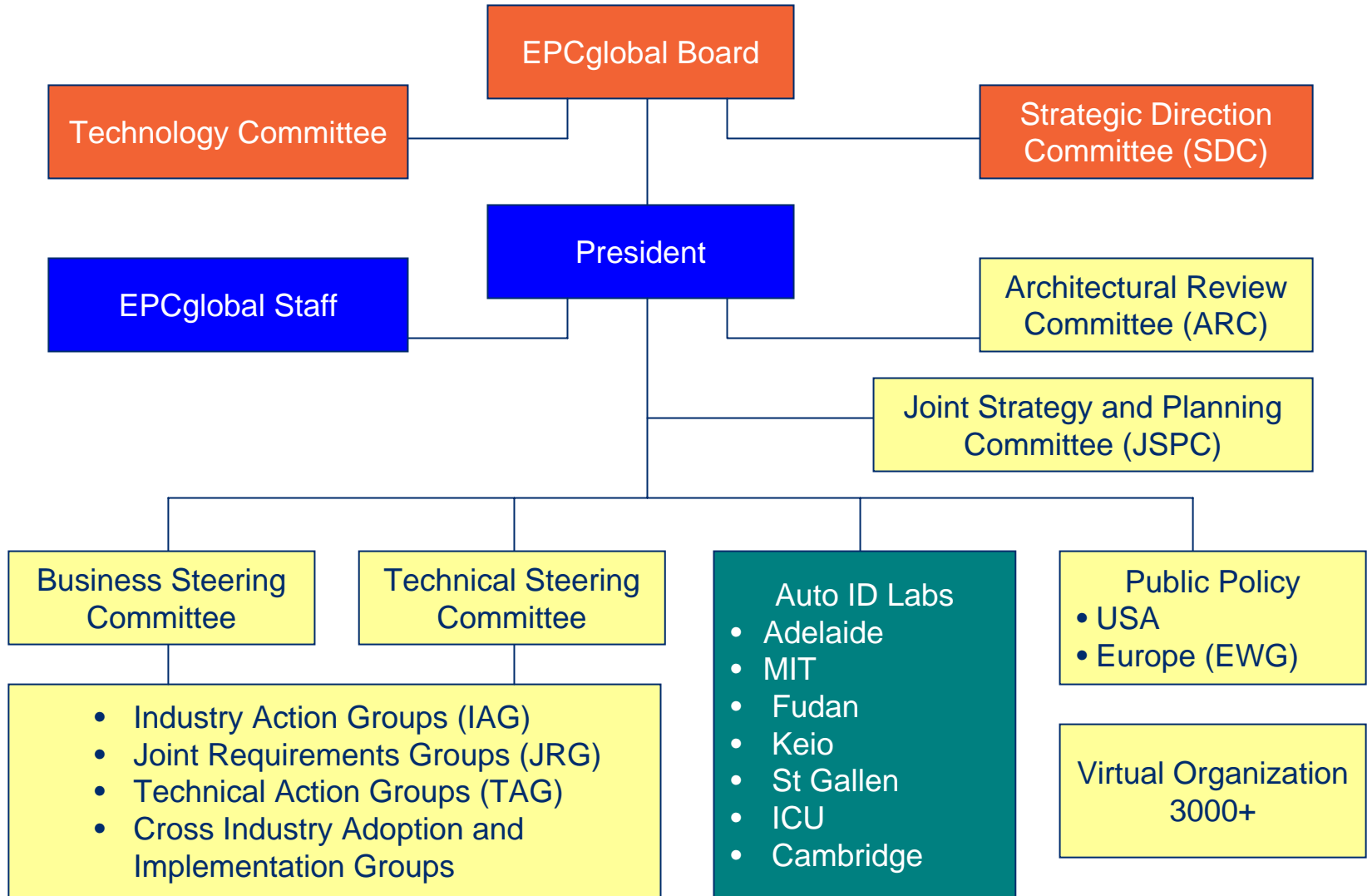


## Agenda – Local / Global Update

- Snapshot of EPCglobal Activities
- Local Update
  - 4 Watt
  - Privacy Code of Practice



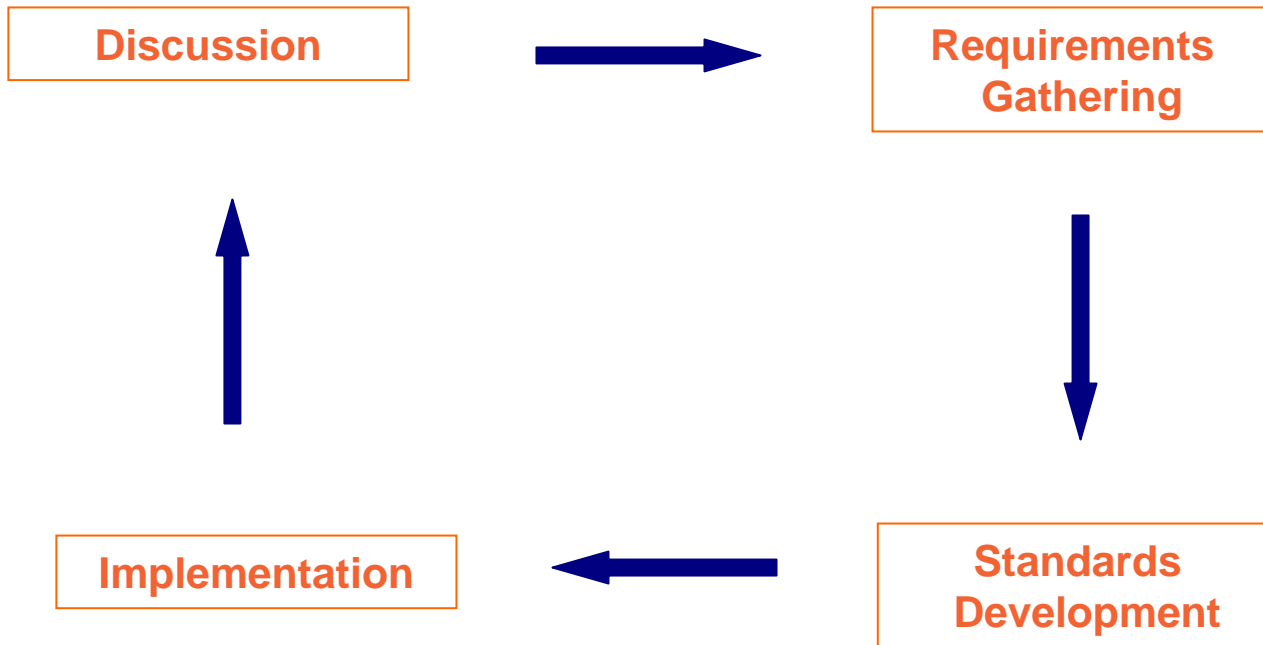
# EPCglobal Organisation Structure



*Making our Vision a Reality*



# Standards Development Process





# EPCglobal Standard Development Process

## Discussion Groups

No Opt-In or IP required  
Open to non-EPC subscribers only  
end users by invitation only

## Industry Action Groups (IAG)

Open ONLY to EPCglobal Subscribers  
Voluntary inclusion via subscribers area

## Technical Action Groups

Opt-In and IP IS required  
Open ONLY to EPCglobal Subscribers

## Joint Requirements Groups (JRG)

Opt-In and IP IS required

## Joint Working Groups

No Opt-In or IP required  
Open ONLY to EPCglobal Subscribers



# Helicopter view of EPCglobal Activities... Discussion Cycle

## Discussion Groups (DG)

- Consumer Electronics
- Automotive
- Chemical
- Aerospace & Defence
- Fibre Packaging



## Industry Action Group (IAG)

- Retail Supply Chain (Apparel, Fashion and Footwear/Media and Entertainment)
- Health and Life Sciences (Industry Adoption Task Force/Track and Trace/Serialisation Task Force)
- Transportation and Logistics (Transportation Work Group / 4 Walls Work Group / Import Export Work Group / Integration Work Group)
- Multi-Sourcing EPC Assignment Interest Group





# Helicopter view of EPCglobal Activities...

## Hardware Action Group (HAG)

- UHF Air Interface 1 and 2
- HF Air Interface
- Tag, Label, Reader and Printer Performance
- Product Data Protection ad hoc Committee
- Testing and Certification
- Gen 2 Interoperability

## Software Action Group (SAG)

- Drug Pedigree Standard
- EPCIS 1.0 Specification
- Reader Operations' Low Level Reader Protocol (LLRP 1.0)
- Filtering and Collection
- Tag Data & Translation Standards

## Joint Requirements Group (JRG)

- Item Level Tagging
- Sensors and Battery-Assist Passive Tagging
- Tag Data – User Memory
- Active Tagging
- Data Exchange
- Drug Pedigree Messaging

## Cross Industry Adoption and Implementation (AIG)

- Implementation Sharing
- European Adoption Program
- Asian Adoption Program



## EPCglobal Major Highlights

- Over 1,000 EPCglobal subscribers
  - 12 major industry sectors
  - 51 industry segments
- Ratification of:
  - Electronic pedigree standards
  - Reader Management standards
- Joint Action Group Meeting held in Orlando Florida January 2007

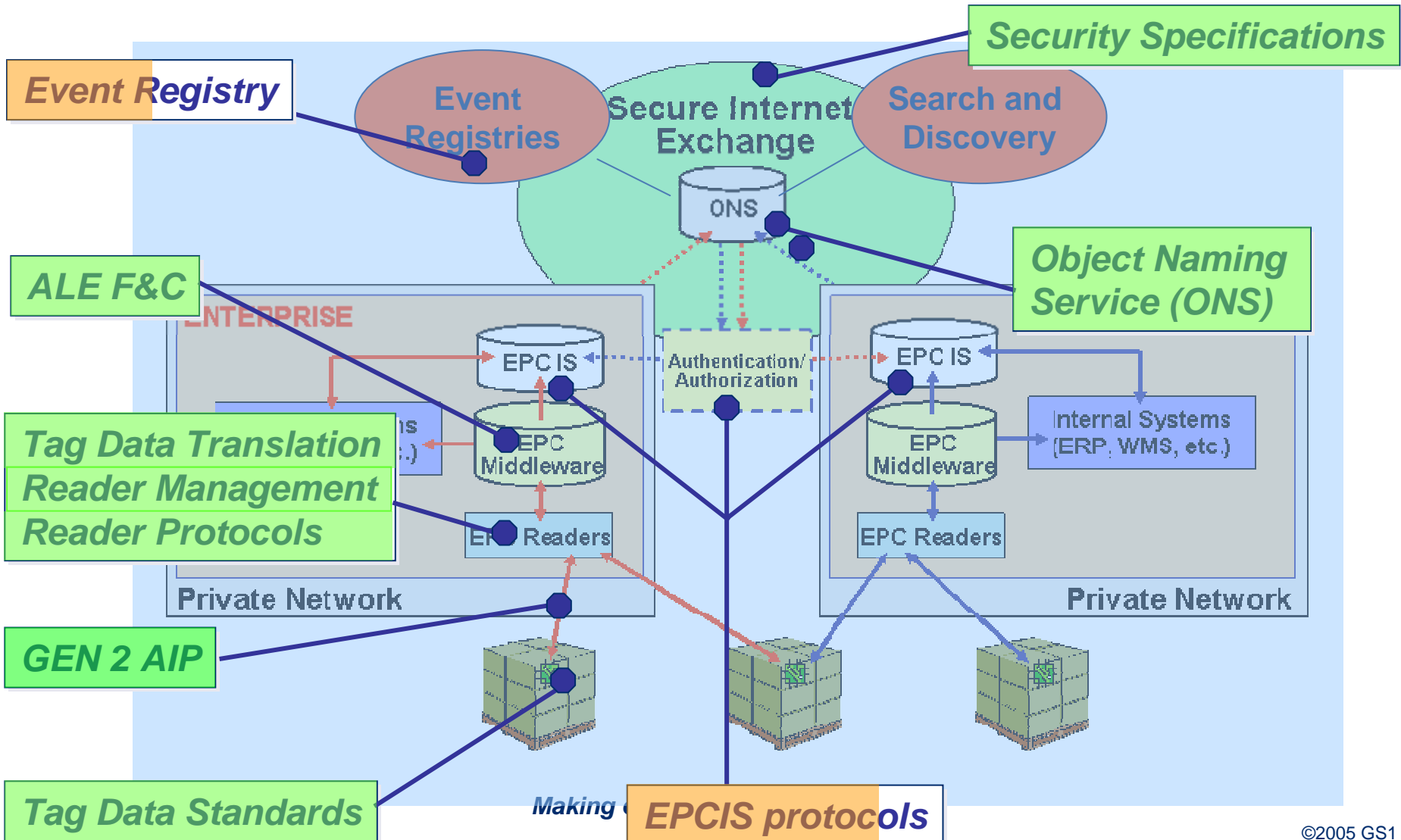


## EPCglobal Year Ahead 2007-2008

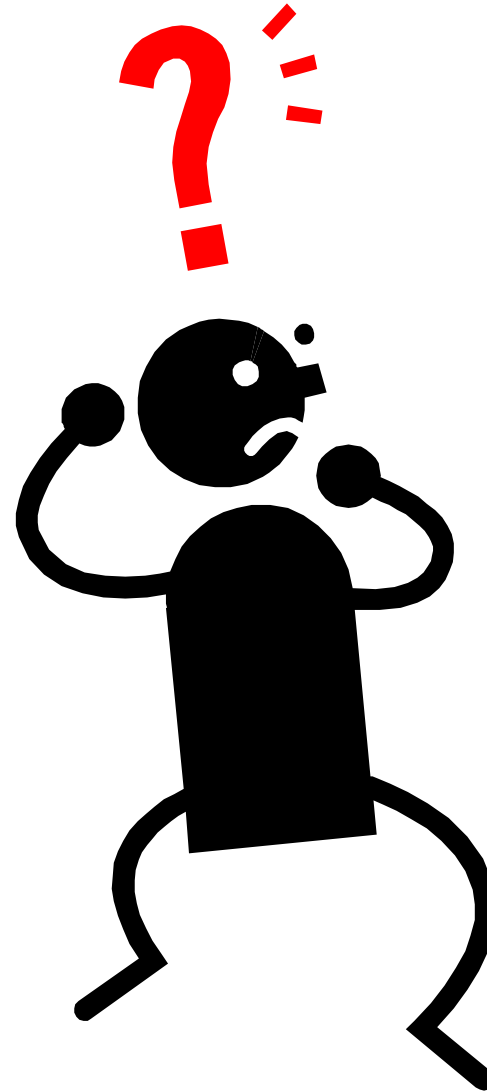
- Completion of hardware, software and data interfaces standards set
- Ratification of the following standards is expected
  - Application Level Event (ALE), Filtering and Collection 1.1
  - Reader Operations (DCI) 1.0
  - UHF Item Level Tagging 1.0
  - Sensor and Battering Tagging 1.0
  - Tag Data Standard 1.3
  - HF Item Level Tagging 1.0
  - EPCIS Version 1.2 (ePedigree, Traceability)
  - Active Tagging 1.0
- Completion of Transportation and Logistics Pilot Phase 2
- Development of a Track and Trace Standard that addresses need for pedigree on demand
- Formation of Industry Action Groups for
  - Consumer Electronics
  - Aerospace and Defence
  - Chemical Industry



# EPCglobal Network standards



# Questions?





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