

# STDF Data logging Format for Volume Diagnostics

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Oct 26, 2006

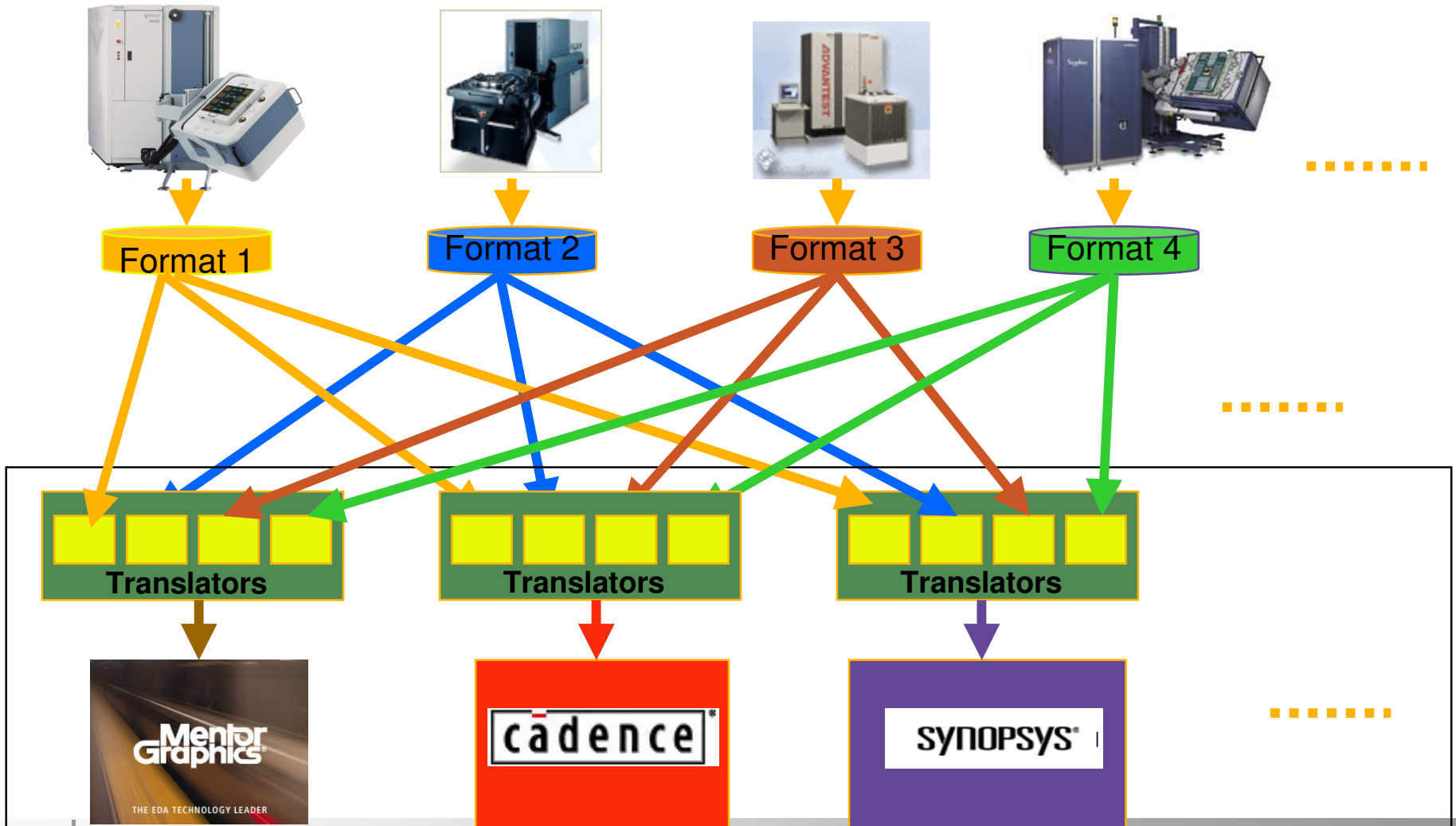


# Agenda

- Welcome & Introductions
- Infineon's perspective
- Background
- Scope & Goals
- Status Update
- WG Organization
- Logistics for WG meeting
- Standards body update
- Open Discussions

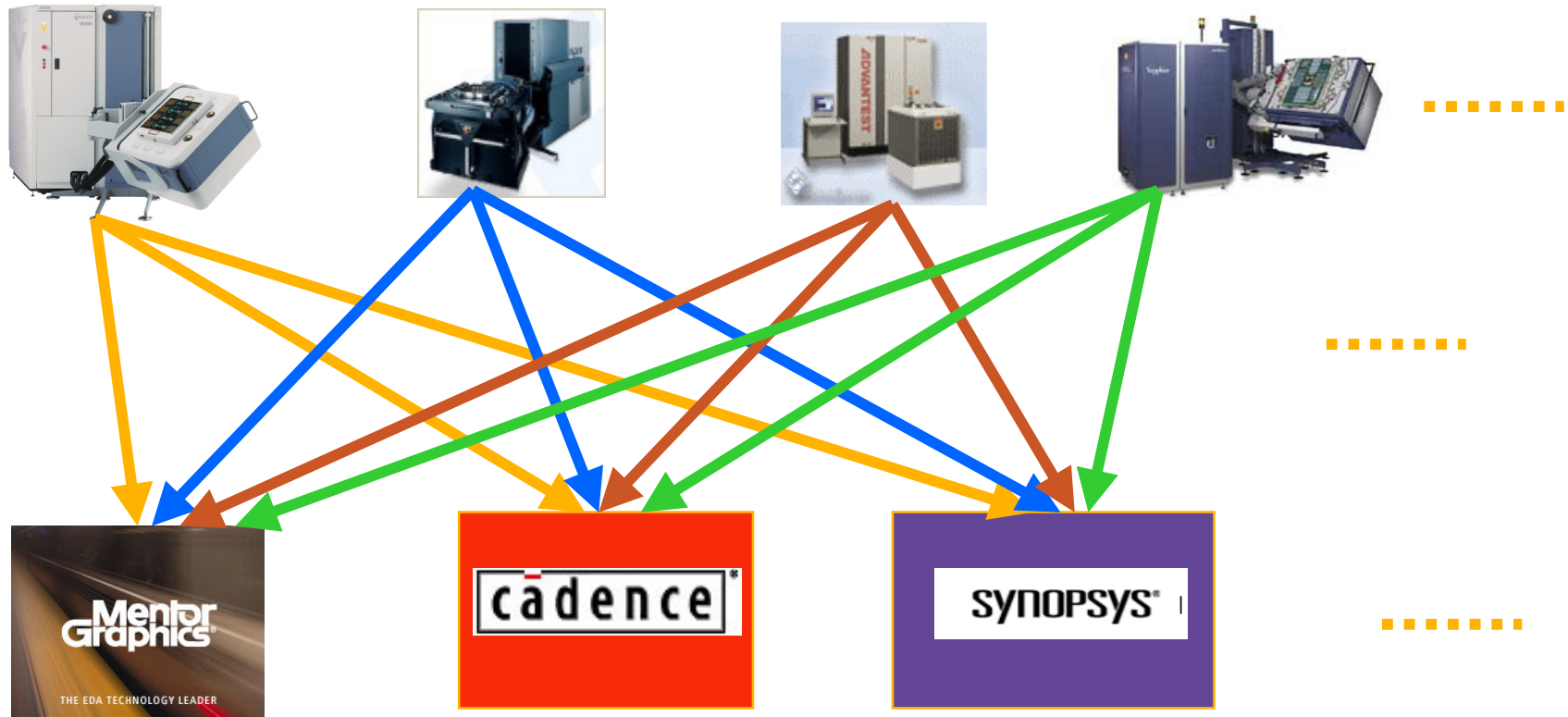
# Format Mesh (Mess?)

## EDA Tool Translate ATE Formats

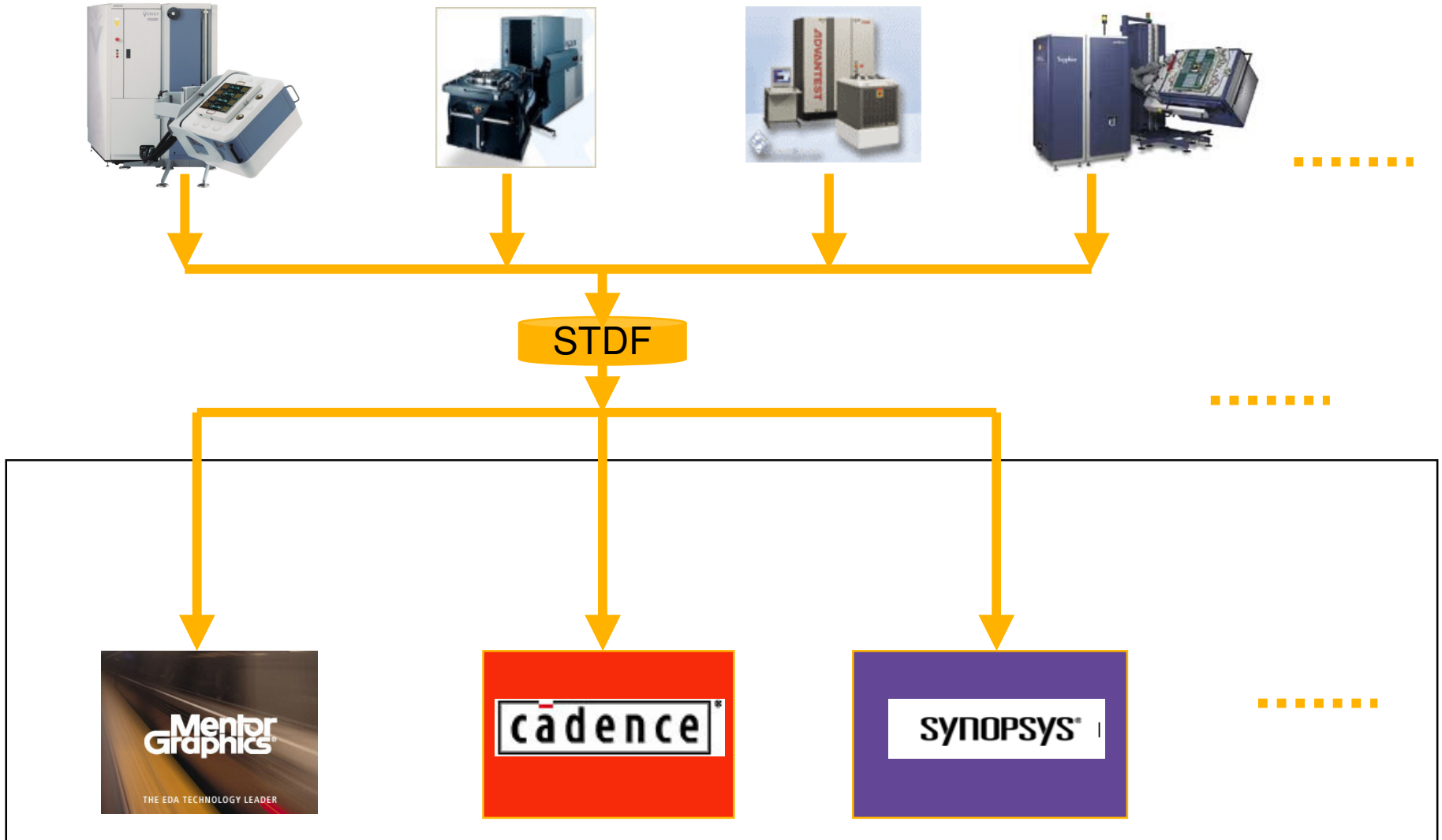


STDF Datalog standardization  
Oct 26, 2006

# Format Mesh(Mess?) ATE Generates Data in EDA Tool Format



# Standard Format



# Status Update

- 1<sup>st</sup> Meeting at Semicon 2006
  - Agreement reached to move forward
- Web site for standard
  - <https://www.verigy.com/portal/page/portal/Products%20Applications/Applications/Advanced%20Test%20Methodologies>
- Identification of working mode and standards body

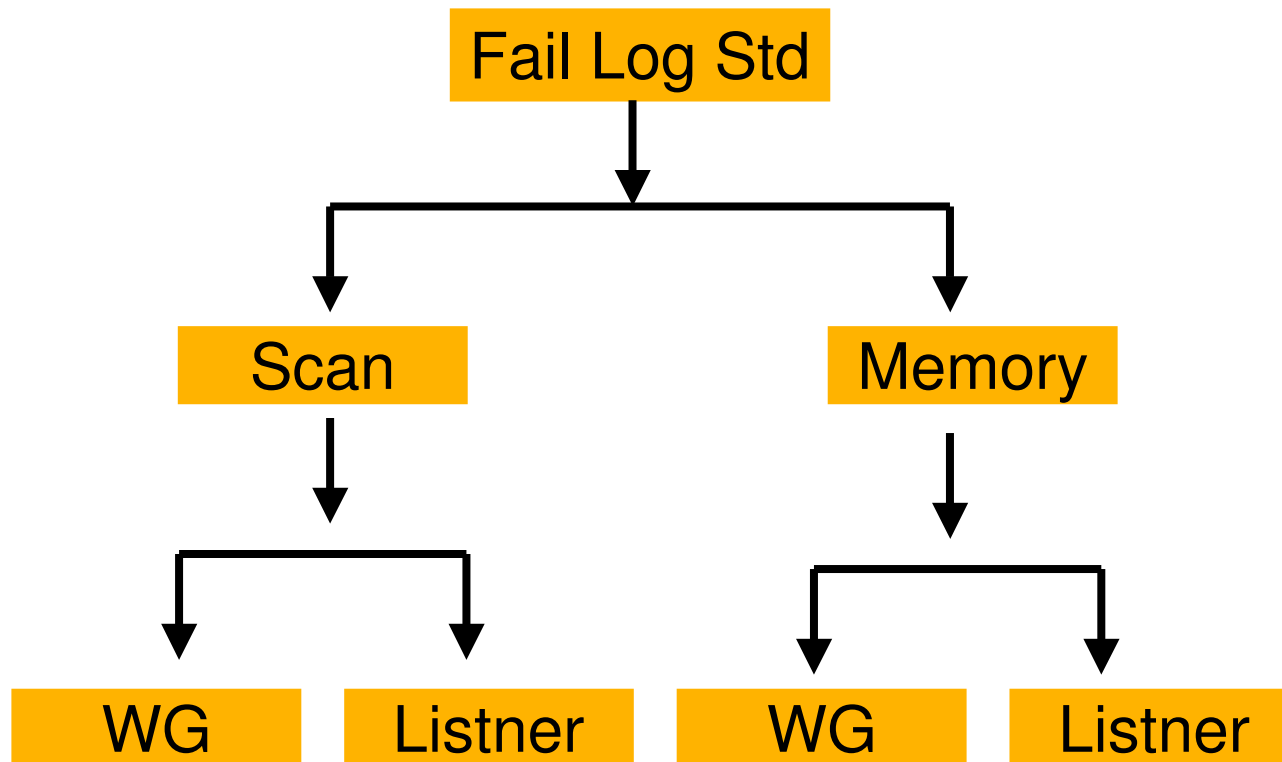
# Scope

- Type of Fails
  - Scan Fails
  - Memory bit fails
- Format structure
  - STDF V4 (GDR)

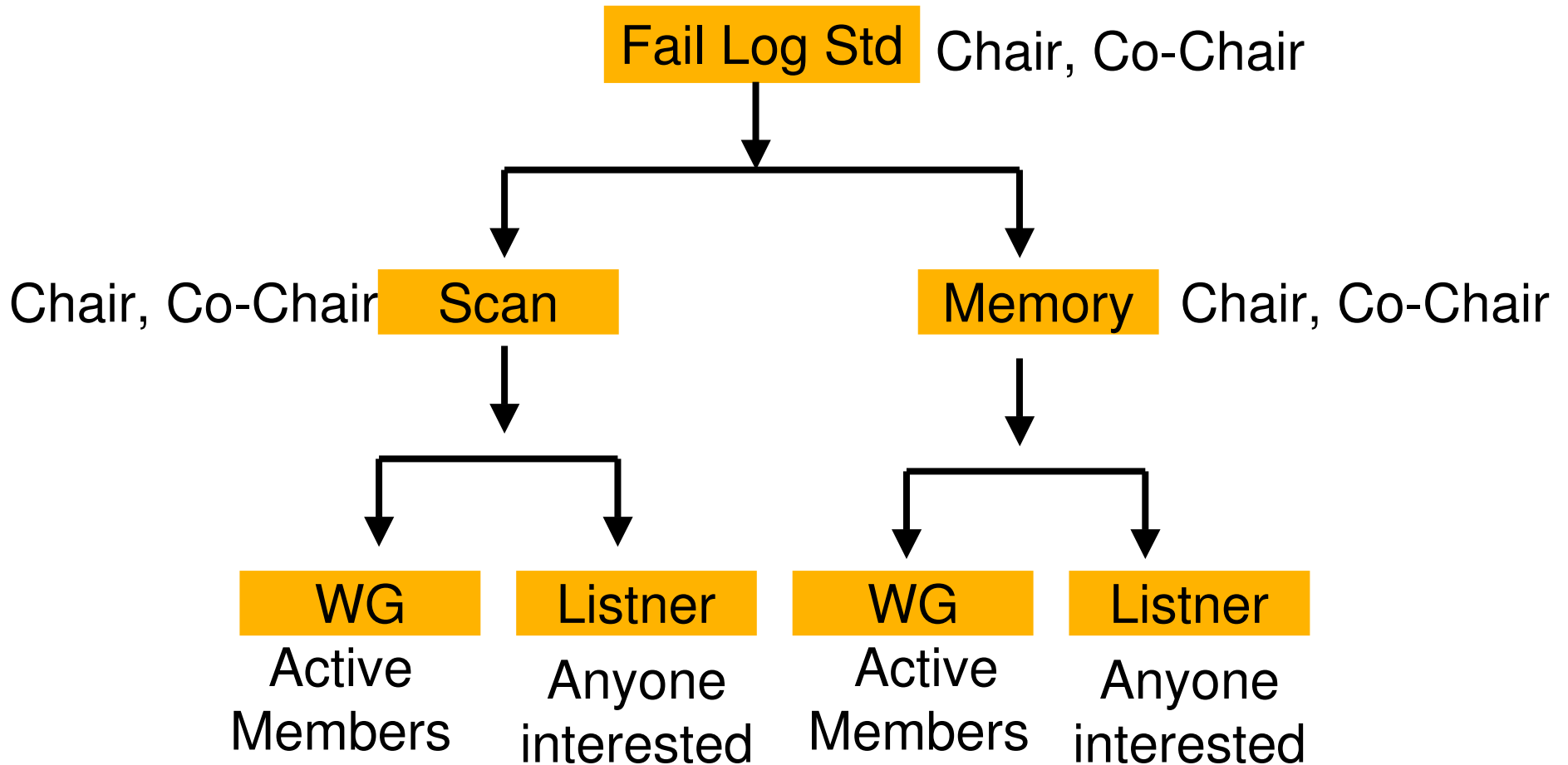
# Goals

- Data Sufficiency
  - Meet the needs of downstream tools
- Data Efficiency
  - No/Low manufacturing throughput impact
  - High volume diagnosis throughput
- Data Integrity
  - provide consistency checking
- Compatibility with existing STDF based tools

# Organization Proposal



# Organization Proposal



# Proposal for Working Group Structure

- Chair
  - Responsible for coordinating group activities
  - Issue resolution
- Co-Chair
  - Work with Chair
- Members (Number?)
  - ATE
  - EDA
  - User

# Meeting Logistics

- Teleconference
  - Frequency? WG to decide
- Document management
- Communication
  - Outbound : Web-site, email
  - In-bound: WG email
- Face-2-Face? Needed?
  - Frequency?
  - Venue?

END

