

e-Diagnostics Working Group Meeting

Supplier Company Caucus Feedback

Suppliers

September 20, 2000

Supplier Concerns and Feedback

- **What is the business case for e-Diagnostics?
Business economic study needed?**
- **66% - Why is this number used? Where is it from?
(This “goal” is now being discussed as a spec!)**
- **Please move utilization bullet to top of list on “Why e-Diagnostics?” slide**
- **MTTR reduction: Suggest making “wafers out” the main goal / metric of e-Diagnostics success**
- **Protection of supplier/producer assets (data/IP) is a concern**
- **Who is liable for adverse results from e-Diagnostics / control / implementation / ... ?**

Supplier Concerns and Feedback

(continued)

- **Total data (network bandwidth) requirements for tool (including AEC/APC, ...) needs to be considered**
- **Some tools can't be improved (support cost) since already almost maxed**
- **Any changes to SEMI standards needed as a result of e-Diagnostics guidelines?**
- **IT vs. Manufacturing - Who is in control within IDMs?**
- **Data security**
 - Participation from IDM?
 - Risk analysis
 - Be realistic, IDMs already trusting suppliers with recipes, etc.
 - Security consistency needed between the IDMs
- **Schedule! - e-Diagnostics specs already coming out of IDMs**

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(continued)

- **Roadmap:**
 - Get definition of Level 0 + 1 completed fast
 - 1) on tool, 2) in fab, 3) in world; - stick to this order
 - Focus on Level 0 and 1
- **Is e-Diagnostics tied to other roadmaps (300mm, SEMI roadmaps)?**
- **When are the IDMs going to be ready?**