

# Welcome to the e-Manufacturing Workshop December 3, 2002

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# Items of this workshop

- **This workshop is an e-diagnostics, EEC, and, e-Manufacturing (include reticle data management) update. Reticle data management by JEITA, EEC guidelines by ISMT/JEITA/Selete, and related SEMI standard activities will be presented.**
- **Device Maker's EES adaptation and Suppliers 's prototyping experiences will also be presented.**
- **Business model study of EES (SEAJ) will be introduced.**
- **300mm automation status (ISMT) will be showed.**

# e-Manufacturing Positions

## e-Business

### e-Manufacturing

product and pre-product's e-commerce  
chip buyers support  
spare parts logistics  
**Reticle data** etc

Equipment Engineering Capability  
Equipment Performance Tracking, Real time control(APC:partly)  
M-to-M difference management, Maintenance scheduling etc

### e-Diagnostics

Diagnostics data collection  
Remote access and analysis of diagnostic data

# EES Development Consequences

	2000 / 6	2000 / 7	2000 / 12	2001 / 3	2001 / 7	2001 / 10	2001 / 12	2002 / 7
<b>e-Diag</b>	ISMT e-Diag Guidelines	Data Transport and Security		DDA -TF	SEMI Standard Activity peaked up	[Arrow]		First DDA balloted and reviewed
<b>ISMT /JEITA / Selete EEC Guidelines</b>			Collaboration started		Phase 1 GL	Phase 1.5 GL	Phase 2.0 GL	Phase 2.5 GL
					EE Basic Operations	Data Quality Maintenance	Control EPC3 Recipe	
<b>JEITA/ SEAJ/SEMI Joint WG</b>		EES Concept exporation			Formation of WG with industry: EES Business model study			

# Expecting Future Plan

- 2001 to 2002: *Introduction Phase*
  - Guideline, Standardization, Prototype Test(a type )
- 2003 to 2004: *Growth Phase*
  - Prototype testing (b type), EES contents (business type), build platform for fabrication
- 2005 to 2006: *Expansion Phase*
  - Equipment, process, mask, design, test, analysis, spare parts, durables
  - New business patterns

# Expected Results of This Workshop

- Further alignment of chip manufacturer and supplier implementation strategies for e-Diagnostics/EEC/e-Manufacturing and a common understanding of the issues.
- Acceleration in establishment of the e-Manufacturing world for semiconductor.