

e-Manufacturing is moving for business

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A Direction for IT Business Structure

B2B
Content

B2B
Content

e-Diag
content

Inter fab Infrastructure

EES
content

EES
content

EES
content

Intra fab Infrastructure

Equipment

Equipment

Equipment

B2B content

- spare parts
- reticle data MG

• **Second handed
equipment**

- analysis support

EES content

- maintenance support
- reduce NPW
- equipment level APC etc

All content must require business study!

E-manufacturing Direction

e-Supply Chain Management
e-Business/Commerce

e-Engineering
design,reticle data,analysis

Second handed equipment

Spare parts
management

e-Manufacturing
control the fab

EES
(Equipment
Engineering
System)

APC/FDC

e-Maintenance
solve problems

e-Preventative Maintenance
prevent problems

e-Diagnostics

extract information

e-Diagnostics project

SEMI®
International
Standards

Summary

- 1. Advances in e-Manufacturing are occurring at ever faster rates.**
- 2. Equipment suppliers and Device makers must deliver stable equipment running with new e-Manufacturing technology.**
- 3. How will e-Manufacturing address for business?**
- 4. We must study many applications.**