

# 2004 FIATECH Spring Meeting



AVEVA Burns & Roe  
 DuPont  
 60 가  
 90 "Smart Chip"  
 1.7% RFID  
 0.5%  
 FIATECH (Fully "Interoperability"  
 Integrated Automated Technology)  
 30-40% 30-40%  
 가 1999  
 CII Breakthrough Committee 가  
 NIST(National Institute of Standards and Technology)  
 CII  
 NIST  
 SEMATECH NCMS(National Center for Manufacturing Science) 1. Smart Chip  
 (Engineering/Procurement/Construction Firms), (Universities), Chip (RFID, GPS, Sensors )  
 (Technology Developers), (Owners), (Supply Chain),  
 (Research Institutes) (Operation) 가  
 Bechtel, DuPont, Flour, Intel, Jacobs  
 NIST FIATECH  
 FIATECH  
 가  
 FIATECH  
 2004 Spring Meeting  
 Delaware Wilmington  
 2004 4 6 7 Intel  
 Delaware 가  
 Wilmington DuPont  
 가



1. RFID Test bed (FIATECH)

가  
가  
Design Automation  
가  
3-D Simulation,  
Visualization  
PDM(Product Database  
Management)

RFID

Web

가 SOA(Service Oriented Architecture)

Interoperability

2. "Interoperability"

Web

XML

3.

Spring Meeting 가

Open System

EPC(Engineering

Procurement Construction)

Meridian Project System

CEO

Open system

?

가?

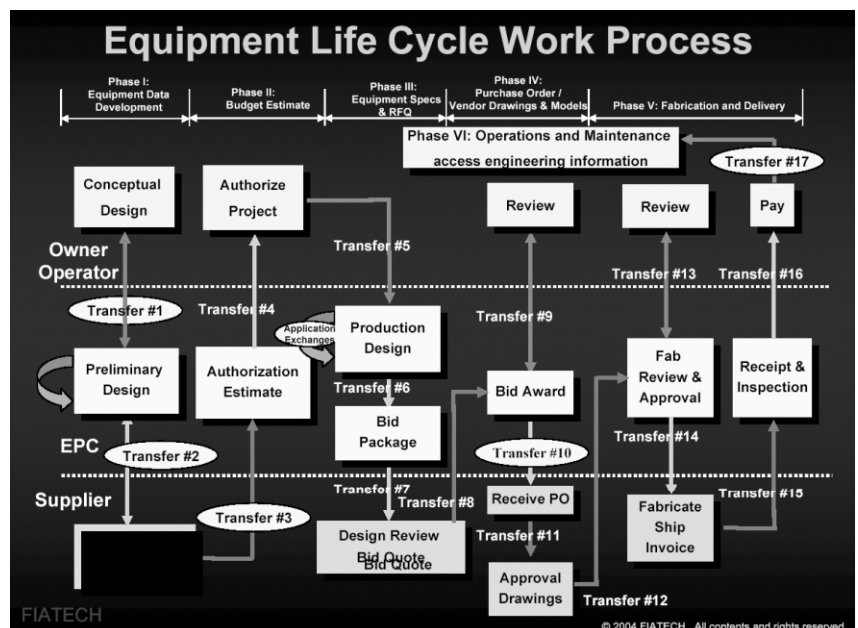
R&D

가

가?

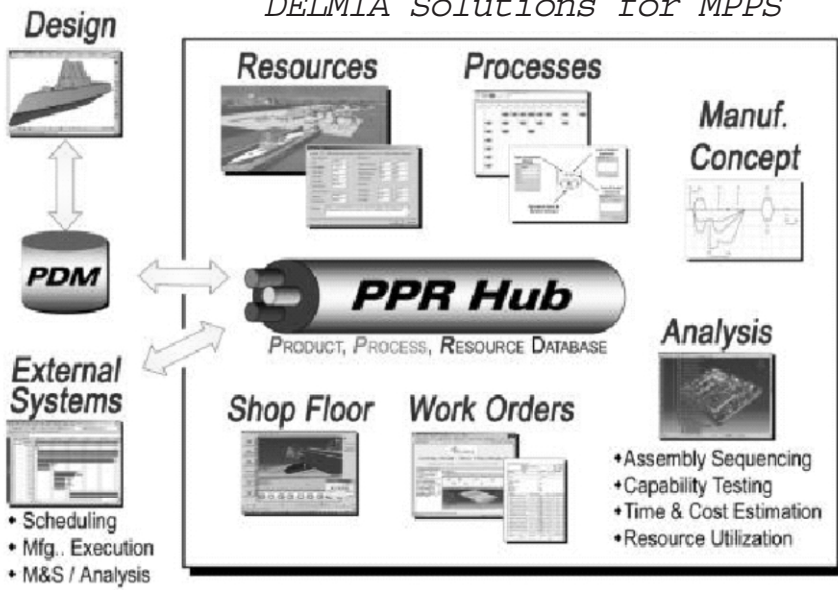
EPC

XML



2. Equipment Life Cycle Work Process (FIATECH)

DELMIA Solutions for MPPS



가  
FIATECH

(IT Integration)

가

3. DELMIA Solutions (NAVY)

2001 CEO John Bodrozic, Primavera  
CEO Joel Koppelman  
IT

(Technology

Developers)  
가

가?"

가  
가

70

FIATECH

(3  
Chip )

Smart

Technical Roadmap(TRM)

가

가

Bentley CEO Greg  
Bentley Meridian Project Systems

IMF

Roadmap

TRM

가

Market Roadmap Product