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B2B Collaborative Commerce e-Hub Exchanges

Session Agenda

- E-Business Economy B2B
- What is C-Commerce?
- Marketplace or Businessplace?
- C-Commerce Business Models
 - Horizontal, Industry, Private
- C-Commerce via Exchange Solution Models
 - Marketplace Exchange
 - Supply Chain ExchangeProduct Development Exchange
- Integration is key...NOT Functionality













Gartner Group, August 1999

















B2B is Much I Than Just Buy	More ying and Selling	z
Design	Supplier	Sell with
Better Products	Tracking	Partners
Innovate	Agree on	Partner
Faster	Forecasts	Marketing
Eliminate	Schedule	Jointly
Expediting	Agreement	Service
Staff	Inventory	Reduce
Projects	Planning	Time to Market



The Businessplace, Benefits

- Collaborative Business Processes on the Internet
- Leverage Internal Business Rules
- Integrate With New and Existing Systems
- Highly Personalized Portal Access







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Problem	Action	Use of Exchange	
Excess inventory	Need to sell product	Seller auction	
Buyers need less	Need to redirect product	Search for another buyer in need	
Buyers need more	Make or find more	Initiate buyer auctio	
Sometimes 1 can't produce	Find more or notify fast	Initiste buyer suction or send notification	
I need to produce for the best buyers	Know who is beat	Utilize business	

Problem	Action	Use of Exchange
Producer has a variance	Find other sources	Search or buyer auction
Customers need less	Redirect product	Search for another buyer in need; seller auction
Customers need more	Find more or find more sources	Initiate buyer auction
l need to produce for the best buyers	Know who is best	Utilize business intelligence

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Horizontal Exchange	Industry Exchange	Private Exchange
Leverage existing	Bring together key	Bring together key
customer base to	companias in an	trading partners of
offer B2B services	industry	sponsor company
Usually buying and	Focus on design,	Focus on design,
selling of indirect	plan, buy/sell and	plan, buy/sell and
goods across many	delivery within an	delivery within a
industries	industry	supply chain

















	Horizontal Exchange
Customer Focus:	Greater China Region
Benefit:	Demand aggregation
Operator:	Cable & Wireless Hong Kong Telecom
Participants:	Greater China business community
Market Size:	Estimated \$1 trillion by 2004

Retailers Market Xchange	Industry Exchange
Customer Focus:	Convenience Stores
Benefit:	Reduce costs and streamline operations
Operators:	Chevron, McLane's
Participants:	43,000 stores and customers
Market Size:	\$200 billion (US)

W wayabu	Industry Exchange
Customer Focus:	Business-to-Goverment (B2G)
Benefit:	Reduce costs and streamline operations
Investors:	Kleiner, Perkins, Caufield and Byers
Participants: Liquidity:	Public schools, Government \$50 Million per Month
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auto-xchange	Private Exchange
Customer Focus:	Automotive
Benefit:	Trading partner collaboration, streamline operations
Partner:	Ford Motor Company
Participants:	All tiers of Ford suppliers
Market Size:	Estimated over \$500 Billion
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Operators Create Efficient Markets	 Hosted offering Rapid time to market Self-service setup and maintenance
Buyers Save Money	Reduce supplier discovery costs Select suppliers for avail, quality, cost Reach market transparency
Suppliers Seii More	Decrease customer acquisition costs Access new sales channels Reduce cost of sales



















Supply chain collaboration	Global visibility, workflow-based automation
Demand planning	Fast, collaborative forecasting
Supply chain planning	N-tier planning and optimization
leventory planning	N-tier inventory planning and replenishmen
Globel order promising	Fast, accurate promise dates
Transportation planning	Cost-effective logistics planning
Supply chain intelligence	Measure performance of virtual chain





























- Determine long-term procurement budgets
- · Identify strategic sources























Supply Chain Reboration	Demand Planning	Advanced Supply Chain Planning	Inventory Planning	Global Order Promising	Transportation Planning	Supply Chain Intelligence
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Conclusion Supply Chain e-Hubs

- Complement existing infrastructure
- completion existing timesudence
- Enable unprecedented collaboration
 - Extend seach to all tiers
 - Enable closed loop collaboration processes
 Synchronize multi-tiered supply chains
- · Measure and improve supply chain performance



Product Development Landscape

- Demand for Better, Faster, Cheaper
- Project Oriented Environment
- · Geographically Dispersed Development Te
- Cross Enterprise Development Teams
 More Design Outsourced to Suppliers
 - More Design to Customer Order
- The Internet Changes Everything
 Especially Cross Enterprise Project Management!











Value Drivers

- Global Visibility of Product / Project Information
- Web Collaboration Tools
- Tools to Measure and Improve PD Performance
- Intellectual Capital Management

Oracle Differentiators

- E-Hub (Portal, EAI Tools, Web Platform)
- Integrated Marketplace and Supply Chain Mgt
- Internet File System (iFS)
- Integrated Project Collaboration
- Product Development Intelligence

Product Development Exchange (OPDX)

OPDX provides a collaboration hub where global project teams can develop better products - faster and cheaper than the competition

- Accelerate time to market
- · Create better, more competitive products
- Provide executive visibility
- · Preserve intellectual capital
- Reduce product development costs

Oracle Product Development Exchange (OPDX) Solution

• E-Hub

- Web Applications Platform
- Oracle Portal and portal partners
- EAI Tools
- Role based security
 Oraçle Workflow
- tracke worknow
- Document Management
- Project Collaboration
- Product Information Management
- Oracle PD Intelligence / Planning / Optimization





Project Collaboration



- Project information Management
 - People and roles, documents, item links
 - Unlimited WBS, change notification
- Project system upload / download
- Net Meetings
 - WebEx (Portial Oracle Ownership, Portal Partner)
- Collaborative View and Markup via web browser
 - Mechanical: ADRC, PTC, CATIA, etc...
 - Electrical: Cadenos, Menot, Synopsis, etc...

Project Collaboration

- Projects defined by Work Breakdown Structure (WBS)
 - WBS can be stored as "template" for reuse
 - Partnership with PRTM to implement "industry templates"
- Project Upload/Download from Microsoft Project

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- Project tasks and status communicated over WEB
- Project Tasks Associated with Products, Documents, People



Product Information Management

- Item Catalog with Role Based Security
- Text and Parametric Search
- Product Information
 - Attributes by Category
 - Issues/Requirements
 - Change Orders
 - Item Revisions
- Item & BOM Upload/Download to Popular CAD/PDM Applications
- Links to Projects, Documents, People

Product Information Management, cont.

- · Product structure & "where used"
- "Stretch" viewer technology
- Change notifications
- Integrated CAD and document viewers

Notifications: Manage By Exception

- Subscribe to Notifications
 - Product Changes (specifications, etc.)
 - Project Changes (task status, slippage, etc.)
 - Document Changes (change, delete, etc.)
 - People Changes (PD team member changes)
- Automatically Alert Through:
 - Portal Page
 - E-Mail
 - Mobile Device (phone, pager, PDA)



OPDX Benefits

- Manage all Product Information
- Manage all Project Information
- Manage all Document Information
- Manage all People Information (PD Teams)
- Associate:
- Products/Projects/Documents/People
- Notifications: Manage by Exception
- · Collaborative Meeting Space



























SOFTWARE POWERS THE INTERNET