Some Ideas for *RFID*
Example of a Supply Chain

RAW MATERIALS → PRODUCTION → DISTRIBUTION → STORAGE
What is new? e-Supply Chain

Information Flows
Goods Flow

Suppliers → Manufacturers → Wholesale Distributors → Retailers → Customers

Contract Manufacturers
Virtual Manufacturers
Consortia Exchanges
Logistics Exchanges
Virtual Distributors
Logistics Providers
SCM revolution?

• From supplier to customer
  – Supplier: eg. Inventory management
  – Customer: eg. Smart shop service/Future store

• One item one ID Code

• Smooth chain or chain without privacy?

• Conflicts between supplier and customer
  – Firms could access personal information much more
  – Personal information exposure too much
Industry Trend?

• Technology Life Cycle
• Substitute for BarCode
• Trend forecasting
  – Model?
  – Input?Output?
• Another wave
Industry Restructuring

- Technology Life Cycle
  - Technology shift
- Economics of scale
  - Average cost downward
- Technology enhancement
  - Average cost shift
- Industry revolution, restructuring