

Industrial UC Applications

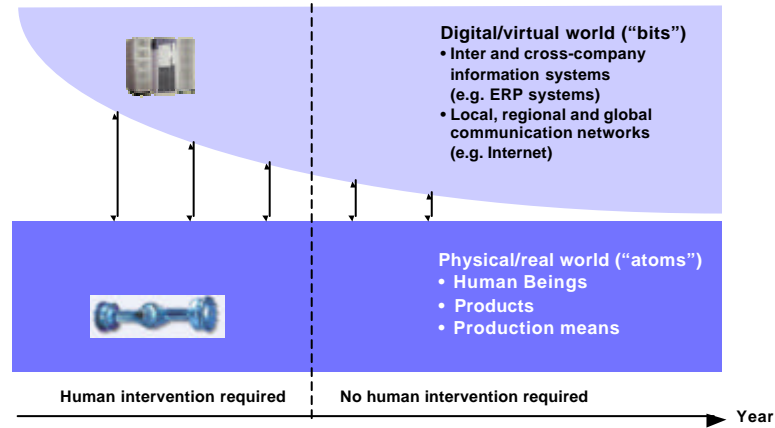
Results of Group Work at Dagstuhl Retreat

September 10, 2001

General statements

- How to discuss the business implications of UC without knowing exactly what UC is?
- Up to now, UC research is clearly technological driven
- Technology adoption as core challenge
- What is business different from home / education / public space etc.?

UC as a tool to streamline business processes



UC Business Apps

10 Years	Only products with source verification sell				
5 Years	Products with source verification sell to higher margins				
Industry	Military	Automotive	Retail	Logistics	...
Business Process	Supply Chain Management	Manufacturing	Maintenance / Repair	Quality Management	...
Business Function	Track&Trace		Quality Assurance	...	
Technology	UC				

Challenges

- Political
 - Standards such as RFID frequencies
- Technological
 - Scalability of reading
 - Energy consumption
 - Security
 - Infrastructure
- Economical
 - Cost of tags, readers and sensors
- Environmental
 - Radiation
 - Tag recycling