



IBM SOA^{*} Summit

^{*} Informations valorisées et SOA,
le couple gagnant.



IBM SOA*
Summit



SOA and Enterprise Information Consistency

Hubert Lalanne
Executive IT Architect
IBM Software Group



- **SOA and Enterprise Architecture**
- **SOA and the Information Perspective**
- **The key role of Data Models**
- **Information as a Service**
- **Information Services Implementation Patterns**
- **Conclusion**



The problem is to align Business and IT to address Key Challenges IT Executives are facing today



Move to architectures capable of business agility and game changing business models

Integrate core processes with agents and producers through Web and B2B channels

Reduce cycle times, operating expenses, and leverage BPO

Comply with national or international regulations and Industry Standards

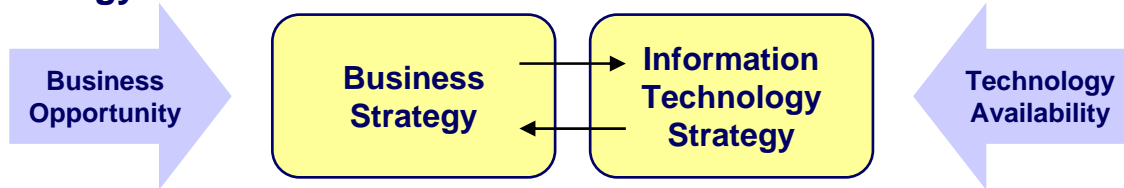


- Close to 80% of organizations currently implementing SOA components aim to **“Create Efficiencies across Business Processes”** and **“Improve Access to Corporate Information”** (Yankee Group CIO Survey 2004)

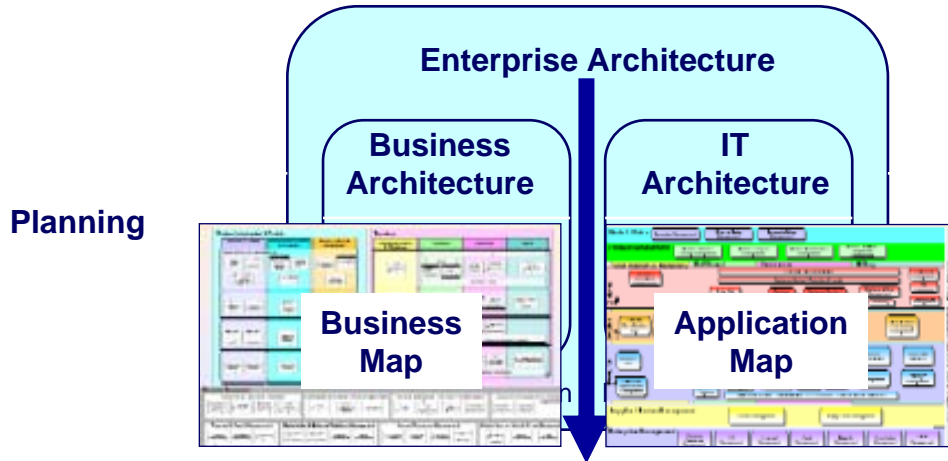
Enterprise Architecture embraces both Business and IT Architectures



Strategy



Enterprise wide focus

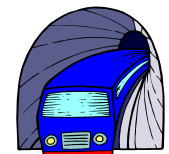


Planning

← **Enterprise Architecture**
 “the city plan”

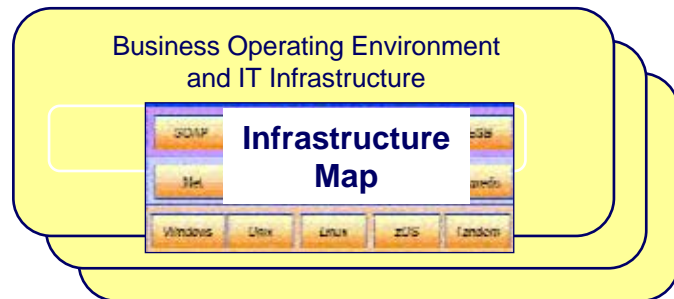


← **Domain Architectures**
 “regions of the city plan”



Project focus

Design and Delivery



← **Solution Architecture**

- functional aspects
- operational aspects

“the infrastructure and Single building design”

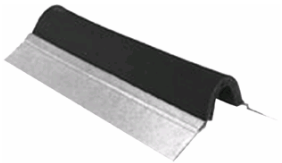
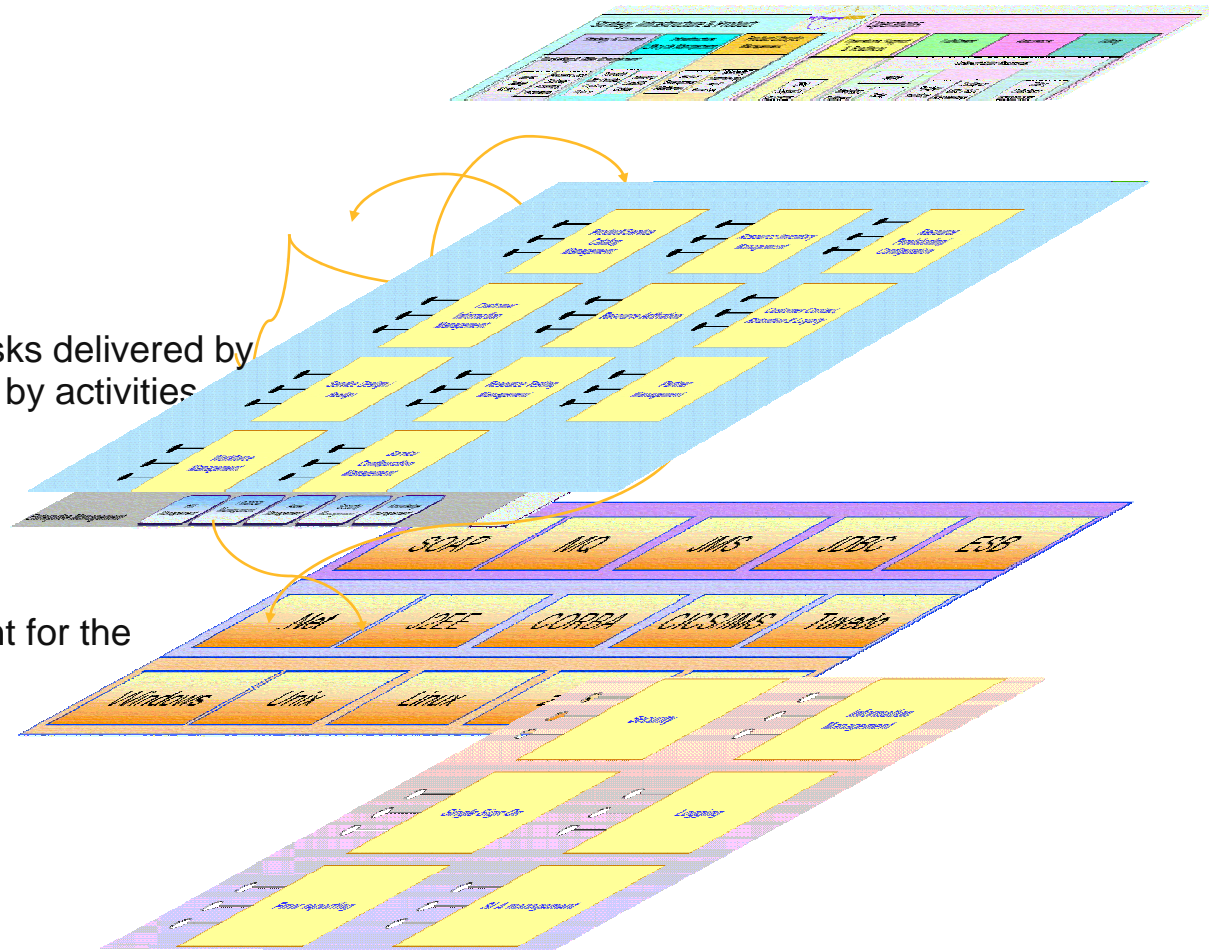


SOA approach extends an EA initiative to introduce flexibility



- Business Services
 - Expose repeatable business tasks delivered by business components
- Application Map
 - Deliver business tasks required by activities

- Infrastructure Map
 - Enable the physical environment for the applications



Expansion Joint Cover
Straight Flange

SOA aims to define “IT expansion joints”