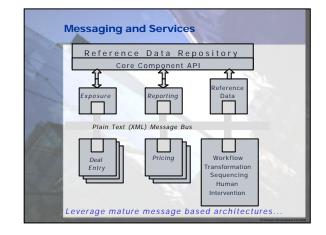


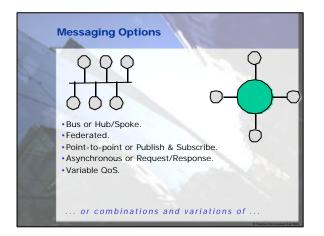


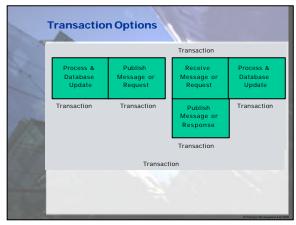
... SOA is a software architecture that starts with an interface definition and builds the entire application topology as a topology of interfaces, interface implementations and interface calls... atis. Gartner 20031

- Abstract Interfaces to Business Processes. ·Leverage Existing Systems. •Ease integration of large systems (e.g. SAP).
- •Heterogeneous environments.
- XML, simple protocols. SOA is not web services, SOA is a design philosophy.

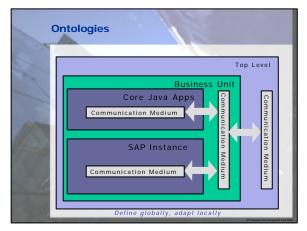
Services are not just Web Services..





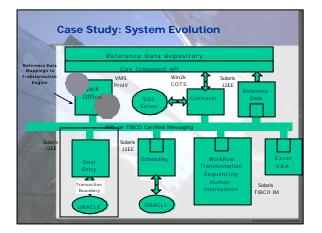


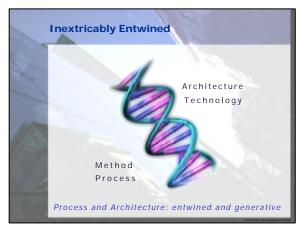


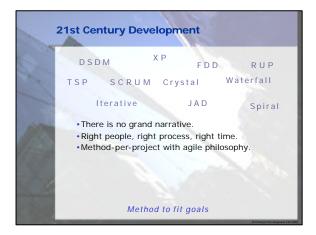


Application	n Services	Deploymen	t Services	
Persistence	Security	Load Balancing		
Data Access	API			
Audit/History	Caching	Deployment	Administration	
Process Automation		Recovery	Fail Over	
Workflow	Rules Engine	Referen	ce Data	
Integration		Meta Data	Master Data	
Transformation	Translation	Monitoring		
Messaging	Routing	Event Bus	Monitoring	

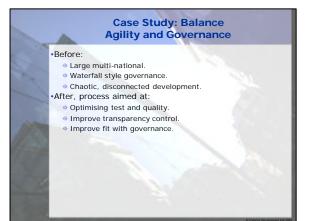


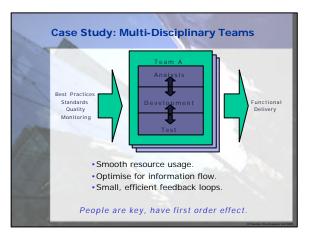


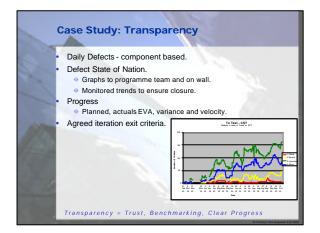






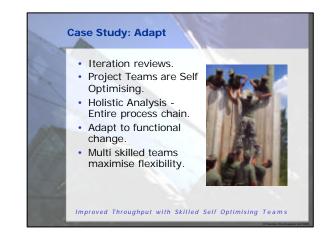


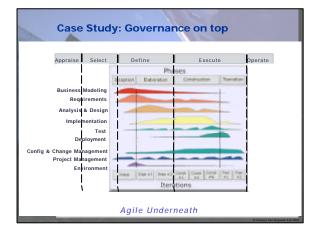




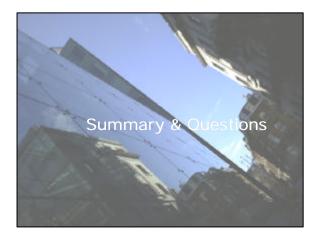
	Case S	tudy:	Autom	ate, au	utomate	
Test Phase	Tool Support	Check-In Build	Cruise Control	Nightly	End of iteration test.	Responsible
Unit Tests	xUnit Robot					Dev
Link Tests	xUnit Robot					Dev
Tech Tests	Load Runner					Dev/Tech Test
System Tests	Robot People					Test Team
Integration tests	xUnit Robot People					Test Team
	Cont	inual int	egratior	n and tes	st build qualit	y R Catalon Development Iad 2002

	Case Study: Necessary & Sufficient
	Design and Analysis is both an activity and communication.
1	Documentation is not an end in itself. Focus on:
	 Necessary: Has a clear purpose. Sufficient: Good enough for the purpose. Right level of detail.
18	
	Necessary and sufficient - minimum needed









	Summary
in the second	 Derivatives increasingly important and profitable Increasingly disparate
	 Business needs force flexibility Balance between federal and centralized control
	 Requires common development methods Needs strong accreditation throughout the organization
	Part of your core competenceNot to be outsourced!
	0 Galge Destayan I.

