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SCSM		 	





Methodologies for IT Service Management

ITIL and MOF

IT Service Management

- IT Service Management (ITSM) is a discipline for managing information technology (IT) systems, philosophically centered on the customer's perspective of IT's contribution to the business
- **Systems management** refers to enterprise-wide administration of distributed computer systems

ITIL

- IT Infrastructure Library was developed by Office of Government Commerce (OGC)
- Current version is v3
- Main difference from v2 ITIL adopted a Service Lifecycle model (similar to MOF)
 - Service Strategy
 - Service Design
 - Service Transition
 - Service Operation
 - Continual Service Improvement

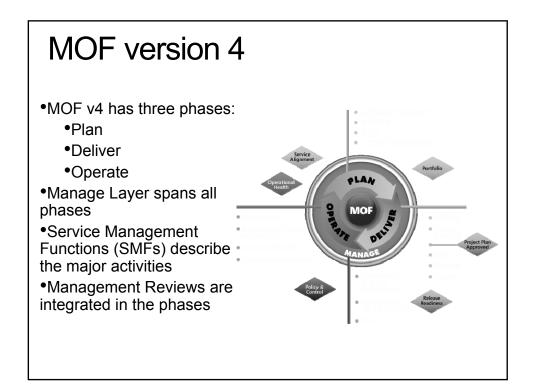
ITIL version 2			
Service Delivery	Service Support		
Service Level Management Capacity Management Availability Management Financial Management IT Service Continuity Management	Service Desk (function) Incident Management Problem Management Software Asset Management Configuration Management Change Management Release Management		

ITIL version 3				
Service Strategy	Service Design	Service Transition	Service Operation	CSI
Service Portfolio Management IT Financial Management Demand Management	Service Portofolio Design Service Catalogue Management Availability Management Capacity Management Continuity Management Security Management Supplier Management	Change Management Service Asset & Configuration Management Knowledge Management Release Management	Incident Management Problem Management Request Fulfillment Event Management Access Management Service Desk Technical Management IT Operations Management Application Management	Service Reporting Service Measurement Service Level Management

Microsoft Operations Framework

- MOF is a collection of best practices and guidance for establishing and implementing IT Services that are:
 - Reliable
 - Cost effective
- http://www.microsoft.com/MOF

Changing	Operating	Supporting	Optimizing
Quadrant	Quadrant	Quadrant	Quadrant
Change Management Configuration Management Release Management	Directory Services Administration Job Scheduling Network Administration Security Administration Service Monitoring and Control Storage Management System Administration	Incident Management Problem Management Service Desk	Availability Management Capacity Management Financial Management Infrastructure Engineering IT Service Continuity Management Security Management Service Level Management Workforce Management



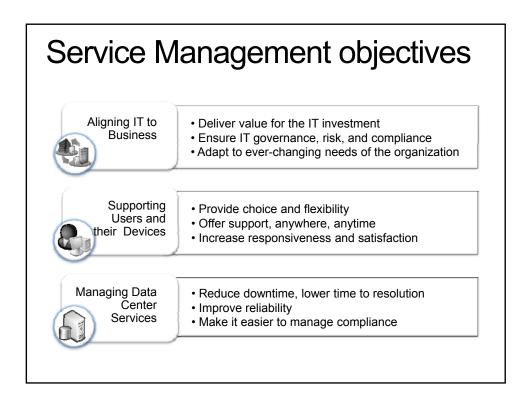


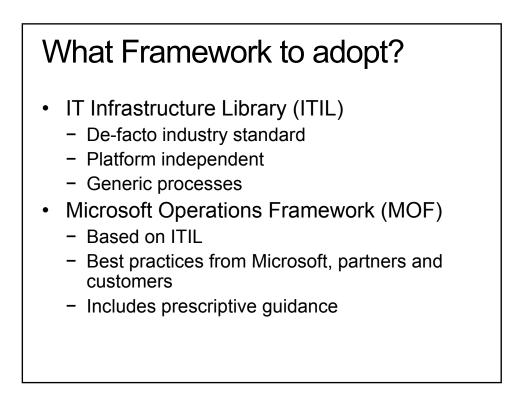
The need for Service Management

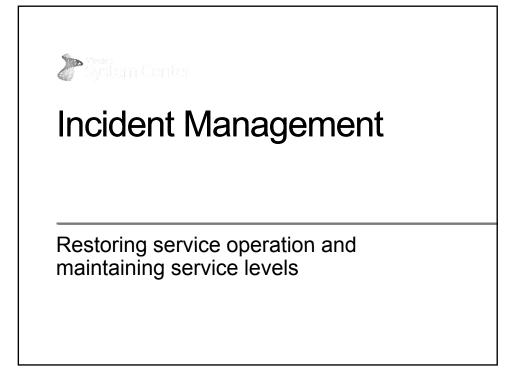
Orchestrating People, Processes and Technology

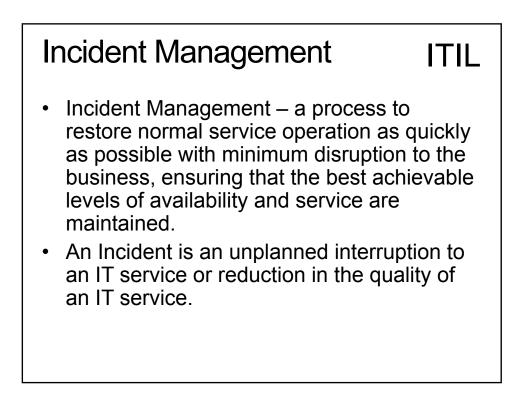


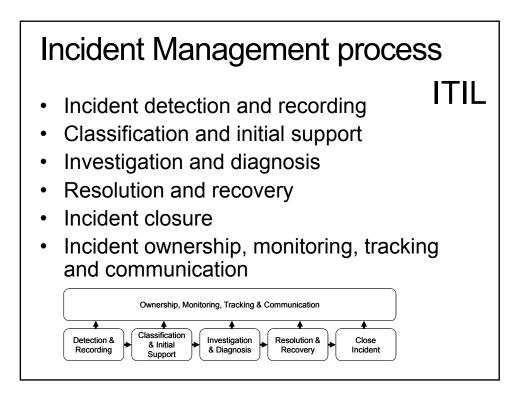
- Quickly adapt to the ever-changing business needs
- Keep track of current capabilities
- Estimate the business impact of service outages
- Optimize resources, integrate and streamline activities
- Demonstrate compliance and optimize the application of corrective measures

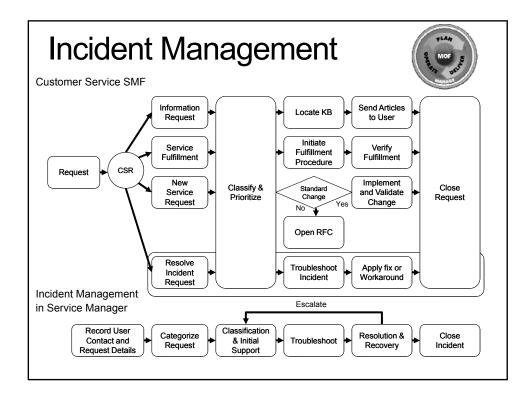


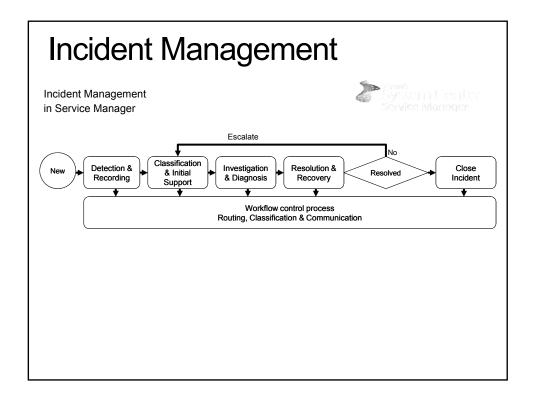




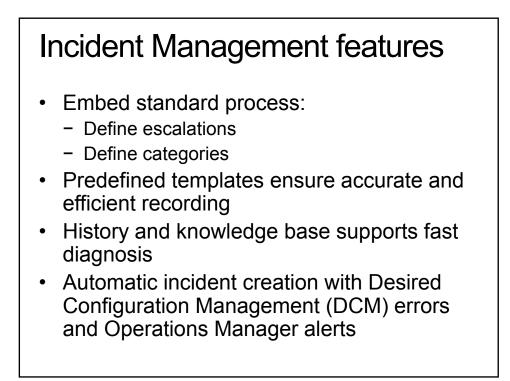


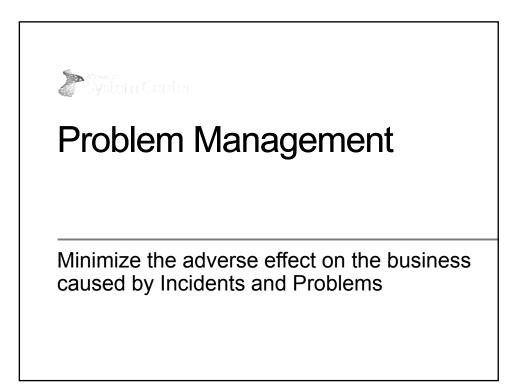


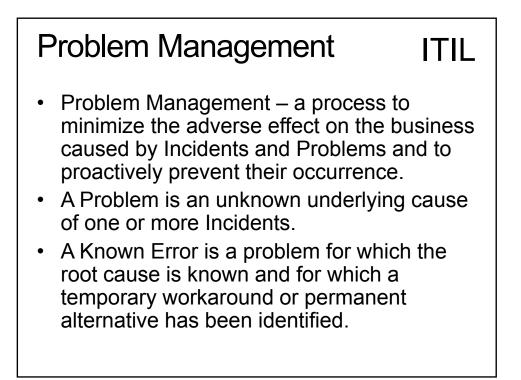


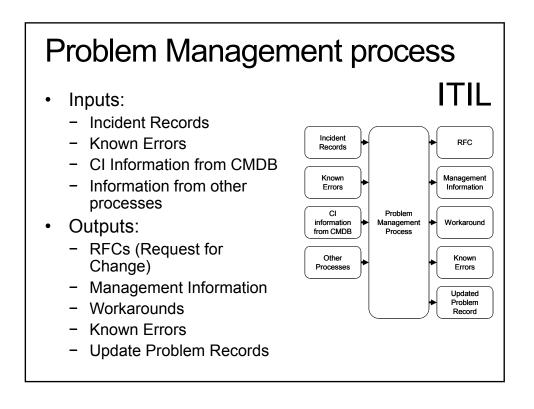


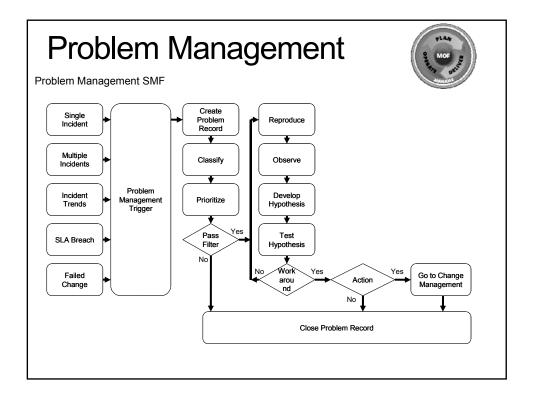




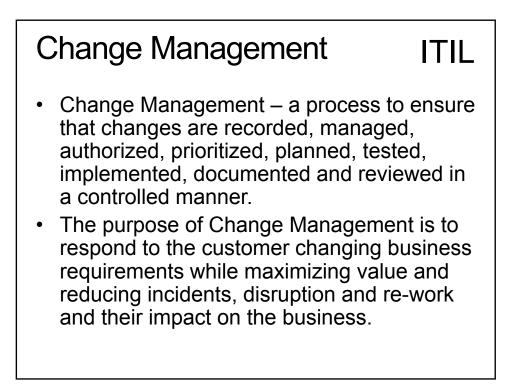


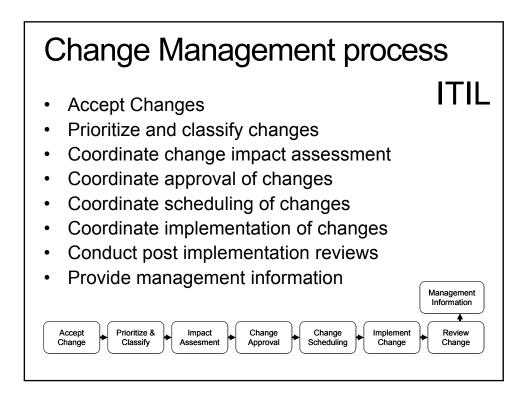


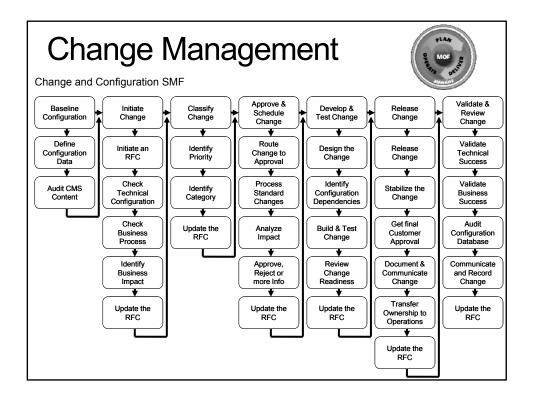


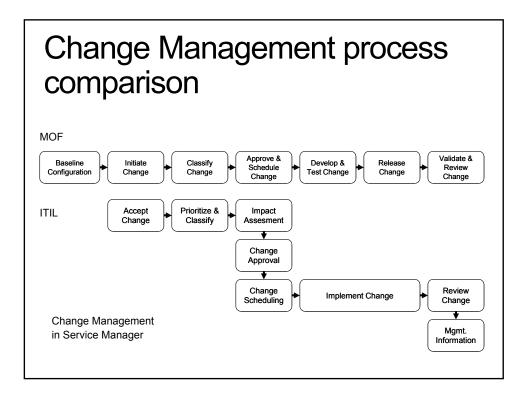




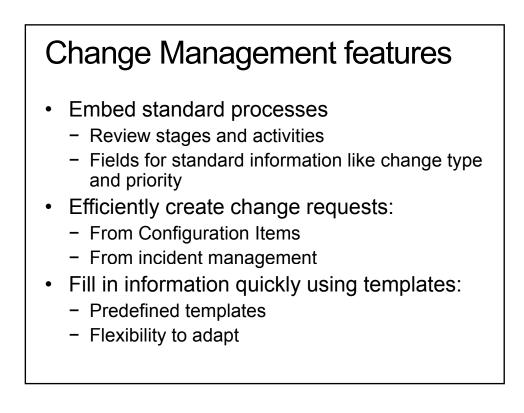


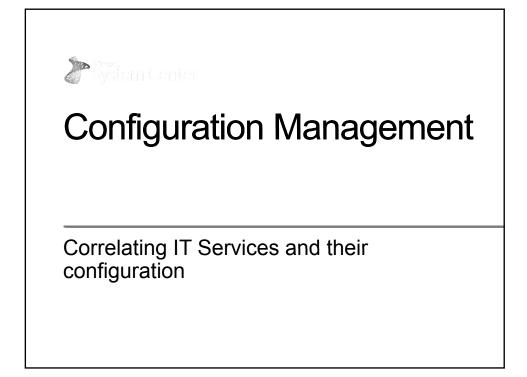


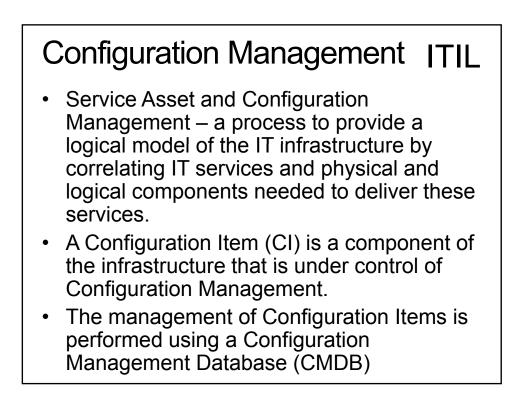


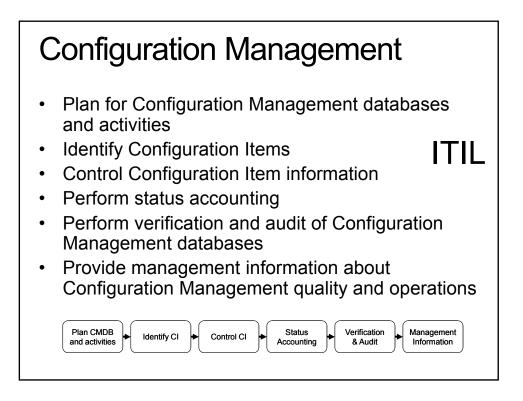


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People to notify:	Didne		









Configuration	ı Item - Comp	
General Hardware Software Related Items History Computer Identity Principal Name*:	Primary uter:	→ Tasks ③ ● DCcentes.com ▲ Create Change Request Create Incident
DC.controse.com DNS computer name: DC.controse.com Netbil05 computer name: DC Paddreas: Security identifier (SID): Security identifier (SID): EX.1.5.1.5.8000000000000000000000000000000	DNS domain name: DNS domain name: CONTOSO NAC address: Adive Directory site: Contor of the site Name	Ceneral A Ceneral A Ceneral A Ceneral A
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Operating system: Microsoft Windows.OperatingSystem System Directory: Manufacturer:	buld number: Serial number: Operating system language:	
Induäl date:	Uperstoring system language:	
	Submit Submit and Close Cance	4

Data Integration

- · Connectors sync data from other systems
- Merge automatically mapped data from multiple sources into same CMDB items
- Included with the product
 - Active Directory
 - System Center Configuration Manager
 - System Center Operations Manager
- Create Incidents for Desired Configuration Management (DCM) errors and Operations Manager alerts
- Separate project for: Dynamics, Visual Studio
 - External sources:
 - CSV import
 - HP Service Manager, BMC Remedy & Atrium CMDB
 - Partners

