MIS 5121:Business Processes, ERP Systems & Controls
Week 14: GRC Module
(Governance, Risk, Compliance)

Edward Beaver
Edward.Beaver@temple.edu

ff

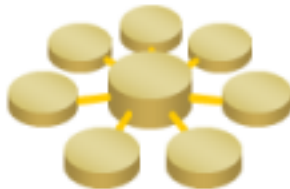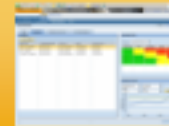# GRC – Governance, Risk & Compliance

SAP BusinessObjects Solutions for Governance, Risk and Compliance

SAP

Business Process

SAP GRC Risk Management

Risk Repository
- Risk Registry
- Links Risks and Controls
- Cisco SONA & Business Process Monitoring

Access Control	Process Control	Environment/Safety	Global Trade	SONA/GRC xApp

SAP NetWeaver — Business Process Platform — **CISCO SONA**

Sources

ORACLE | PeopleSoft | SAP | Legacy | External Provider | KRIs / Content

A Corporate Platform for Governance, Risk & Compliance

Automates and embeds GRC processes into business processes

GRC: Governance, Risk & Compliance

- History / Structure
  - 'Virsa' – Purchased S/W, ran in ECC address space as an 'add-on' (based on PWC tool)
  - 2006 SAP bought Virsa, upgraded and released as v5.3 – separate Net-Weaver module
  - SAP GRC v10.0 - Major overhaul

SAP SECURITY & GRC ®

GRC: Components

GRC: Governance, Risk & Compliance

Modules (Access Control)

SAP v5.3	SAP v10.0	Function
Risk Analysis & Remediation	Access Risk Mgmt (ARM)	- SOD Rule Set (Starter rules) - Analyze and manage Access and SOD Risk (SOD, SAT Reports) - Role / User level simulation
Compliant User Provisioning	User Access Mgmt (UAM)	- Access Request & Workflow - Provision and Manage Users - Business Rules
Enterprise Role Mgmt (ERM)	Business Role Governance (BRG)	- Role Configuration - Maintain Roles (owners, mass change) - Integration with ARM prevents SOD conflicts

SAP
SECURITY &
GRC
®

GRC: Governance, Risk & Compliance Modules

SAP v5.3	SAP v10.0	Function
Superuser Privilege Mgmt	Central Emergency Access (CEA)	- Firefighter administration and access portal - Can cross SAP and other apps - Sub-process of Access Control
	Risk Management	- Risk ID, scenarios - Assessment of risk (indicators) - Risk response
	Process Control	- Manage developing control process documentation - Automated control testing & monitoring - Documentation from risk / control matrix

SAP SECURITY & GRC ®

GRC: Governance, Risk & Compliance

Key Benefits

➢ Real-time analysis of SOD and SAT violations

➢ Possible automation of compliance requirements (SOX, FDA, etc.)

➢ Transparency of risks – align with strategic priorities and business objectives

➢ Proactive monitoring (centralized risk indicator framework)

➢ SAP integration makes implementation, maintenance easier (lower cost)

SAP SECURITY & GRC
®

Key IT Controls Overview

- GRC
  - What is means
  - 2-3 Functions Included
  - 1-2 Benefits of Use

Extra Slides

SAP: Business Suite