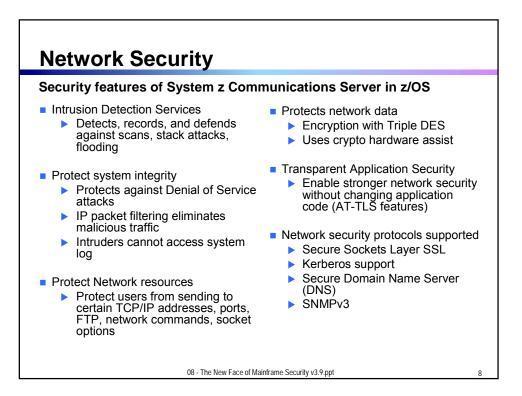
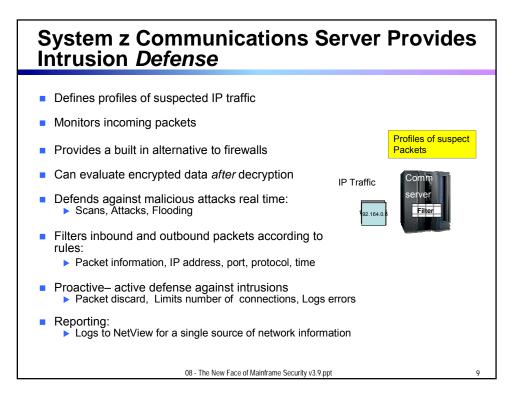
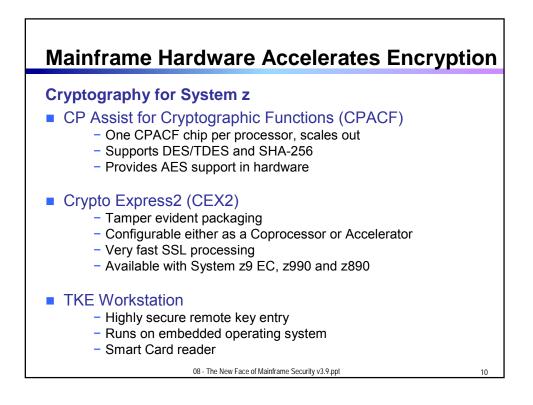


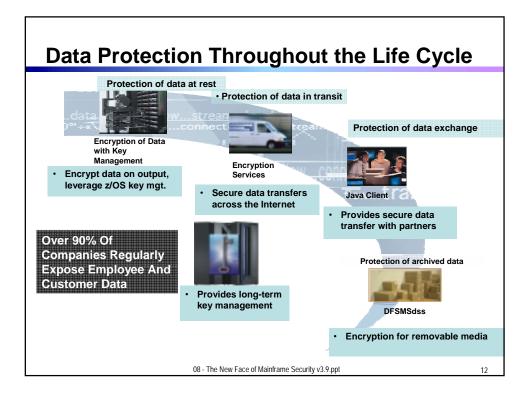
RACF Provides Comprehensive Security for System z and the Extended Enterprise Resource Access Control Facility (RACF) part of the Security Server for z/OS RACF controls access to System z resources What does RACF do? Identifies and authenticates users User identification Matches security classification and authorization of users and resources to authorize access Resource authorization checking Identifies users optionally via digital certificates Logs and reports access attempts With remote sharing, allows administrators to manage several systems centrally It is impossible to bypass RACF because SAF interface is enforced by z/OS System Authorization Facility 08 - The New Face of Mainframe Security v3.9.ppt

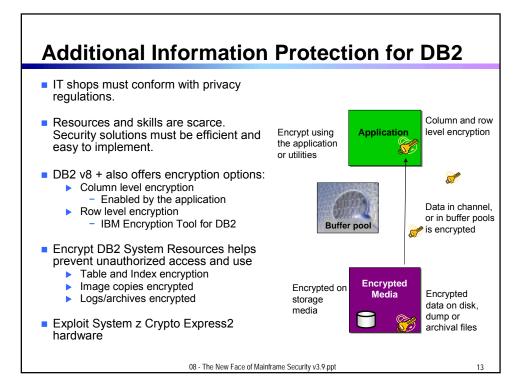


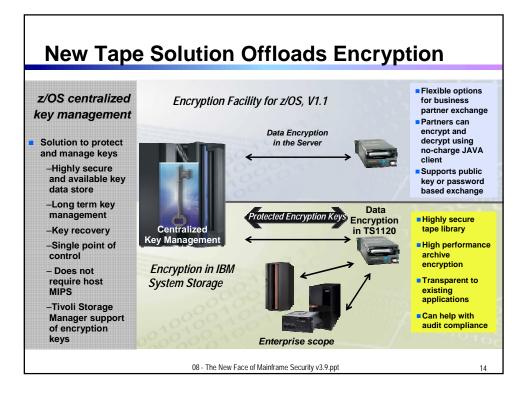


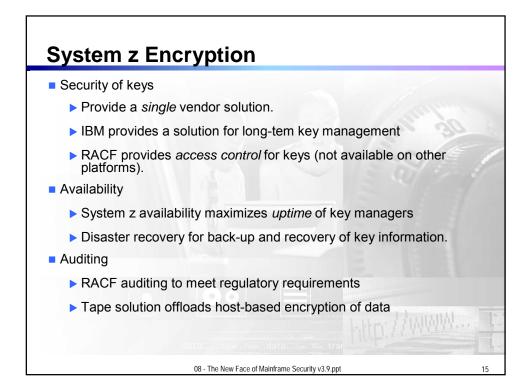


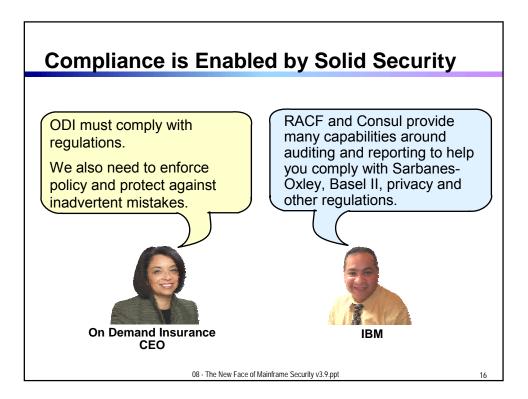
Secure "Smart Card" Solution Fights Fraud and Reduces Costs One of the largest banks in Latin America Approximately 3,000 branches, 20,400 automated teller machines and 42,200 employees > 15M checking accounts, 9M savings accounts, 6M credit cards Situation: To meet efficiency objectives and ensure the security of its 12 million issued debit cards, the Bank replaced its regular cards with security chip-enabled smart cards. Need improved security to fight fraud Problem: > Performance bottleneck with Thales e-Transactions security servers (which process "smart cards") Solution: > Leverage superior mainframe security, eliminate separate security server and migrate smart card solution to the mainframe All core business systems run on mainframes System z reliability and technical support also key factors in this decision Better price performance Install mainframe PCI Cryptographic Coprocessor cards (PCICC) > Encryption keys are generated and stored on PCICC cards and used for smart card authentication, blocking and password change Use IBM z/OS V1.6 security APIs Result: Reduced fraud from stronger smart card security, reduced costs, PLUS increased stability, efficiency, and faster processing 08 - The New Face of Mainframe Security v3.9.ppt 11

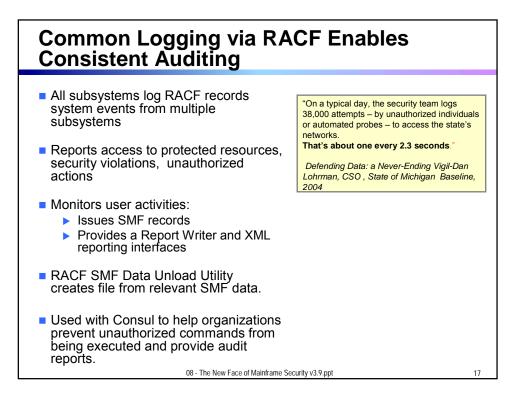


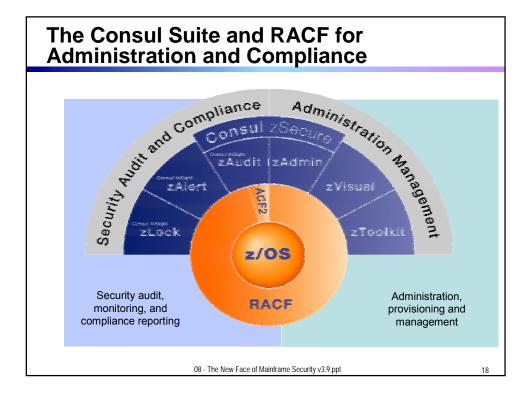


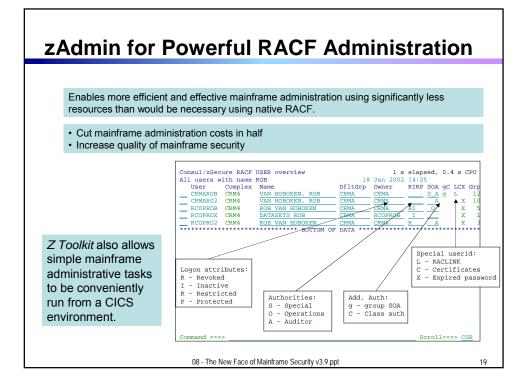




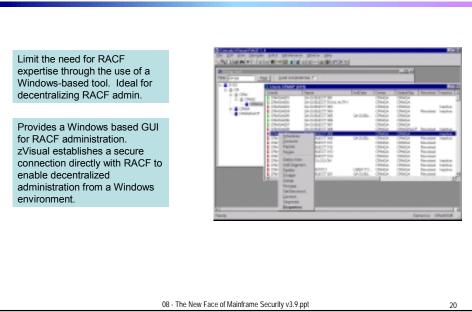


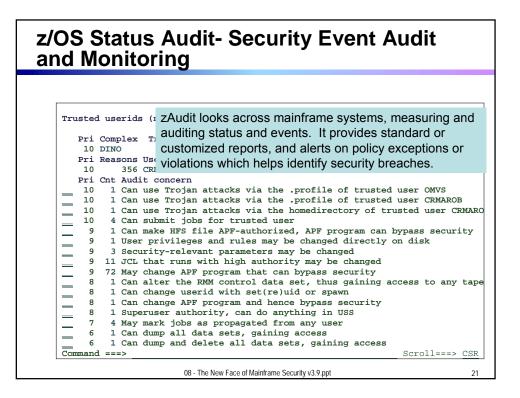


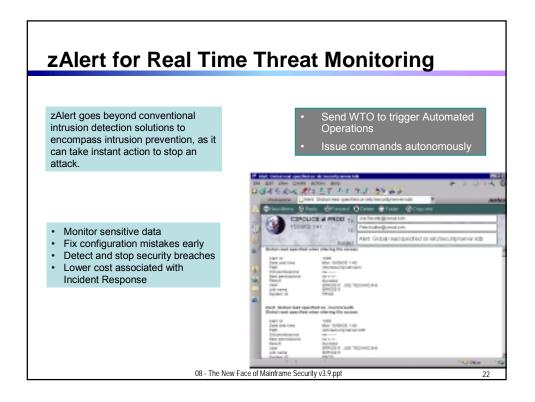


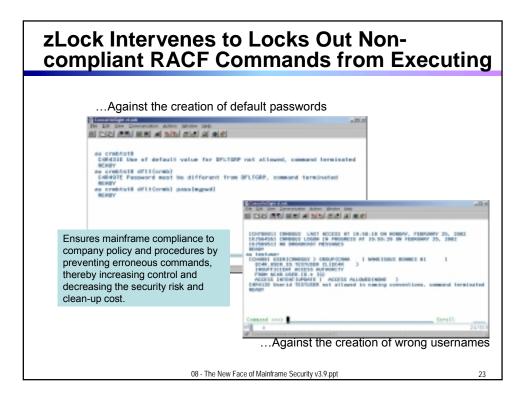


zVisual – for Windows Based Administration in a Decentralized Environment









Consul and RACF Helps Companies Comply with Regulations and Policy

Pass audits, improve security	Prepare reports that auditors and regulators require. Reduce costly security breaches through more secure mainframe administration.
Reduce costs	zAudit reduces hours needed to audit, report and clean-up administrative databases.
Increase operational effectiveness	zAudit shows JCL, parameters or load modules that were changed, thus reducing downtime of applications caused by improper modifications.
Improve speed of incident reaction	Because e-mail alerts contain the relevant details, administrators can quickly diagnose and remediate failures.
Eliminate in-house software efforts	Reduces or eliminates need for internal applications and fixes to enforce compliance.

08 - The New Face of Mainframe Security v3.9.ppt

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