

Leveraging your mainframe as part of your overall enterprise security strategy



## Elements of System z Security

An Ecosystem that leverages the System z Hardware Disk encryption



Crypto Express 3 Crypto Cards



sk encryption

DS8000\*

1000

Secured Key Storage & Management

> DKMS ISKLM TKE



**Multilevel Security** 



Guardium

System z SMF



IBM Security Q1 SIEM



IBM Security zSecure



Compliance and Audit

**Data Privacy** 



Certificate Authority

**Extended Enterprise** 

Enterprise Fraud Solutions



**Tivoli Identity Manager** 



Tivoli Federated Identity Mgr



DB2® Audit Management Expert



RACF®



**Optimized** 

for z/OS

Audit, Authorization, Authentication, and Access

Control



Services and Key Storage for Key Material



**Platform Infrastructure** 

Scalable Enterprise Directory

Network Authentication Service



Kerberos V5 Compliant z/OS® System SSL



**Communications Server** 



IDS, Secure Communications

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Common Criteria

Ratings

Support for

Standards



## Looking for a Secure, Proven Cloud Infrastructure: System z



### **Security for the Cloud**

Public / Private Cloud
Secure Application Hosting
Secure Data Vault

#### **Security from the Cloud**

Trusted Identities
Fraud, Risk Analytics
Data Protection





# Leverage the Mainframe as the Enterprise Security Hub

**Resource Access Control Facility** 

**Security zSecure Suite** 

Security Key Lifecycle Manager for z/OS

**InfoSphere Guardium Family** 

InfoSphere Guardium Data Encryption for DB2 and IMS Databases

Security Information and Event Management

IBM Security Network Intrusion Prevention System

Communications Server & Netview for z/OS/



**Solution Edition for Security** 

**Security Identity & Access Assurance** 

**Security Identity Manager** 

**Security Access Manager** 

Security Federated Identity Manager

Security Directory Integrator

**Security Directory Server** 

WebSphere Application Server

WebSphere DataPower Server

Rational AppScan

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