



SAP Security

Secure Business in Open Environments

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Perimeter Security – The Medieval Model



Conducting business in a “medieval castle” ...

- Companies protect themselves using firewalls, virus scanners, etc.
- Security measures focus on separating “inside” from “outside”

Advantages:

- Easy to install and administer, independent of applications
- Clearly defined costs; security measures can be quantified

Limits of the “Medieval Model”

No real protection against modern threats

- Permanent race between attack and defense technology
- Need for exchange of more powerful and potentially dangerous data streams (XML, Web Services ..)

Too rigid limits for growth

- Towns need to grow beyond their earlier boundaries
- Businesses need to grow beyond old enterprise boundaries

Too many restrictions on international and global trade

- Outdated model
- Inside = good, outside = evil



SAP Security Solution Map

Application Security	Regulatory compliance	Role and authorization concepts	Data protection and privacy	Auditing
Secure Collaboration	Identity federation	Message security	Security interoperability	Trust management
Secure User Access	Identity management	Authentication and single sign-on		Access control
Infrastructure Security	Network and communications security	Platform security	System security	Front-end security
Software Life-Cycle Security	Secure development	Secure default configuration	Secure delivery	Secure change management

Security Solution Map

Application Security	Regulatory compliance	Role and authorization concepts	Data protection and privacy	Auditing
Secure Collaboration	Identity federation	Message security	Security interoperability	Trust management
Secure User Access	<p style="text-align: center;">Key security features are provided/enabled by the technical basis</p>			
Infrastructure Security				
Software Life-Cycle Security	Secure development	Secure default configuration	Secure delivery	Secure change management

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SAP Security Team security@sap.com

SAP Developer Network

<http://www.sdn.sap.com>

Starting in 2004

SAP CERT

Security Bulletin Service

Security Check



Secure Business in Open Environments

Questions?



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