

Achieving comprehensive Security for SAP in a Heterogeneous Environment with CA and SAP

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CA and SAP partnership

- CA and SAP have been strong partners for over 14 years. Partnership areas include:
 - Service Assurance
 - SAP has standardized on CA Introscope (OEM agreement with over 3,500 downloads of “RTV” version) & resells the full version under the SAP branded name “SAP Extended Diagnostics by CA Wily”
 - SAP Business Objects
 - CA has standardized on SAP Business Objects Reporting (BOXI) / Dashboard (Xcelsius)
 - GRC
 - CA security products are being integrated with SAP GRC suite to provide holistic approach across both business and IT risk management
 - Security
 - SAP NetWeaver and CA Web Access Mgt/SSO partnership in progress
- CA management and security solutions enable you to leverage and extend the value of your SAP Investments across the enterprise

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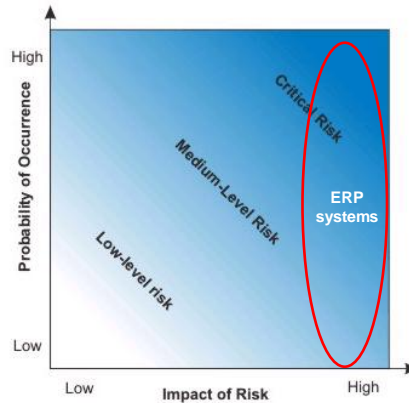
ERP Systems – the importance of improved security

Security risks

- Database is hacked
- Admin performs improper action on key systems or information
- User transmits info outside the company
- Serious security event not recognized in logs

Impacts

- Mission-critical systems not available
- Loss of customer data (reputational damage, fines, etc)
- Improper disclosure of confidential info

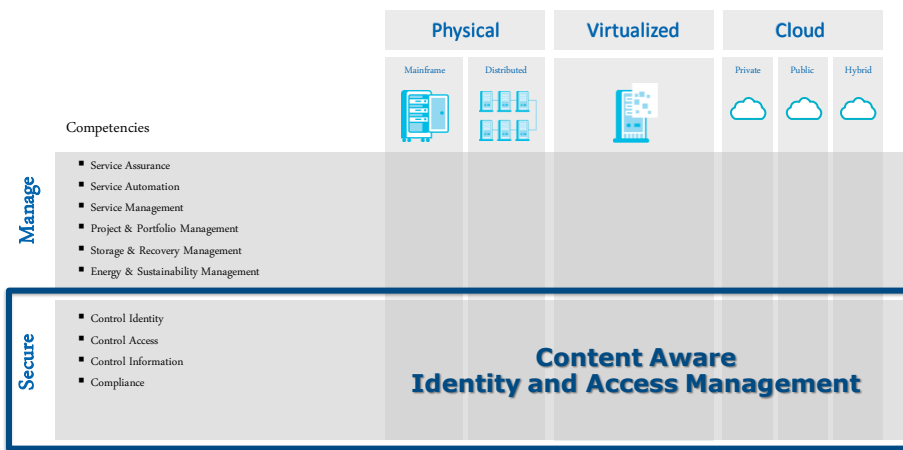


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What we do: Manage, Secure and Deliver more flexible IT services

Enable the delivery of more flexible IT services

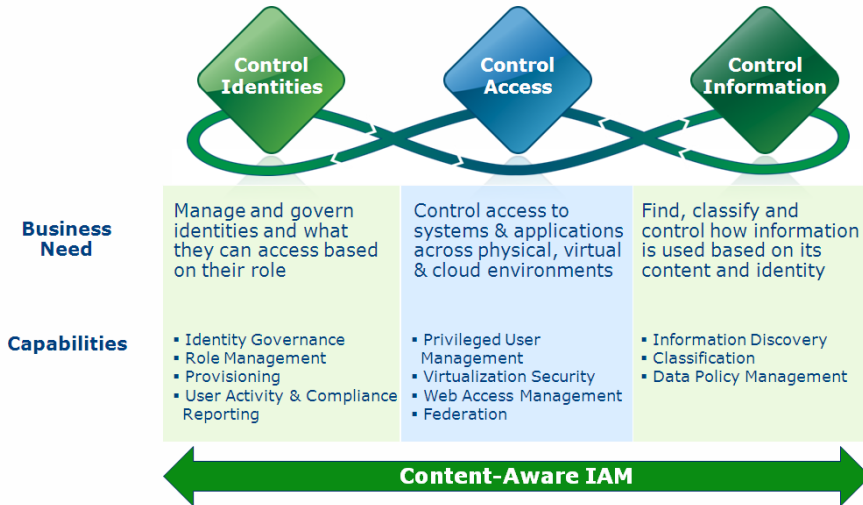


Services, Education and Support

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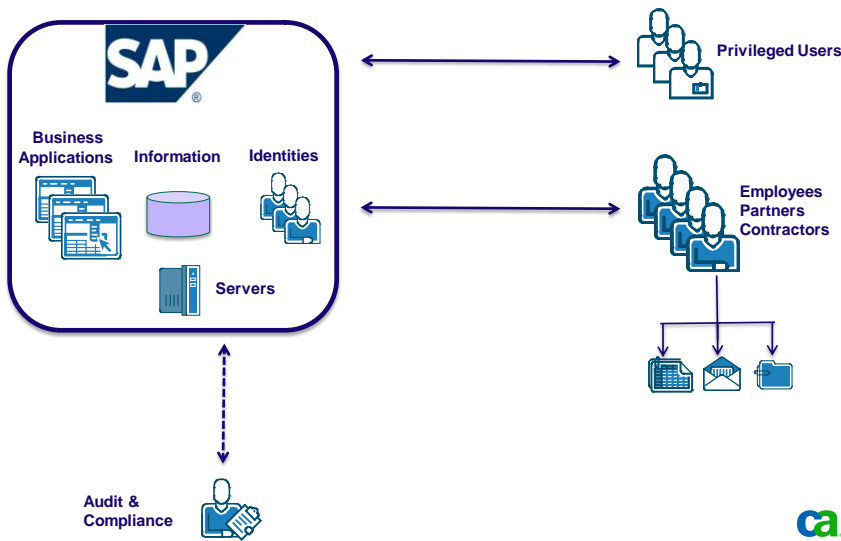
The Three Elements of "Content Aware IAM"



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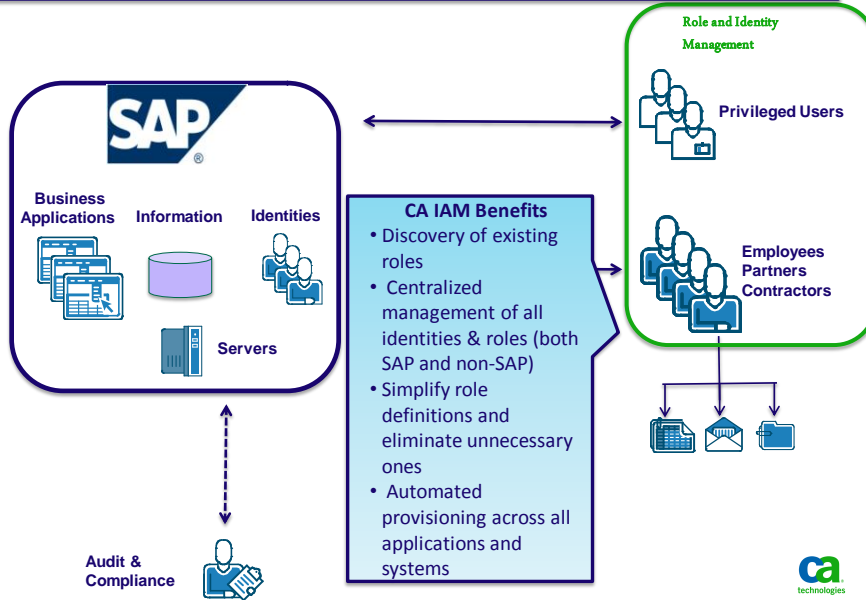


A common SAP environment



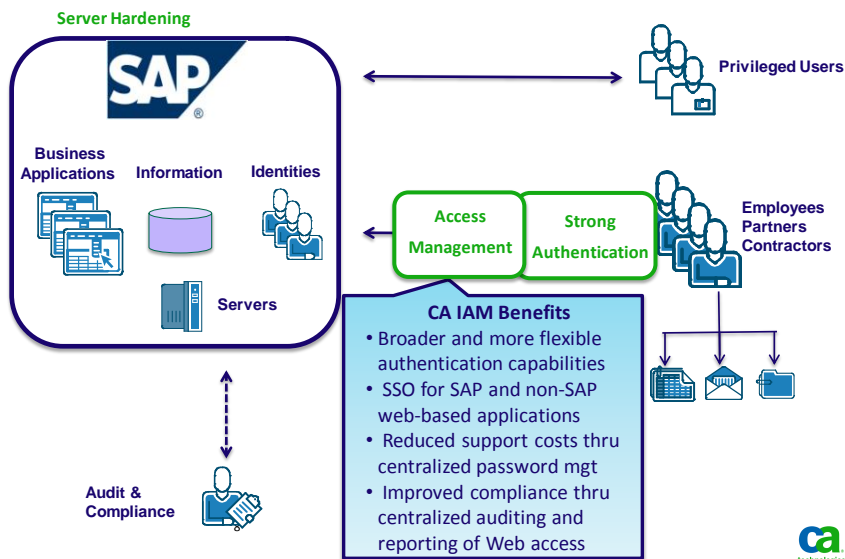
The Challenge:

SAP's large numbers of users and roles that need to be managed, combined with highly sensitive transactions, all centralized in one application, require an accurate and effective role model with separation of duties controls.



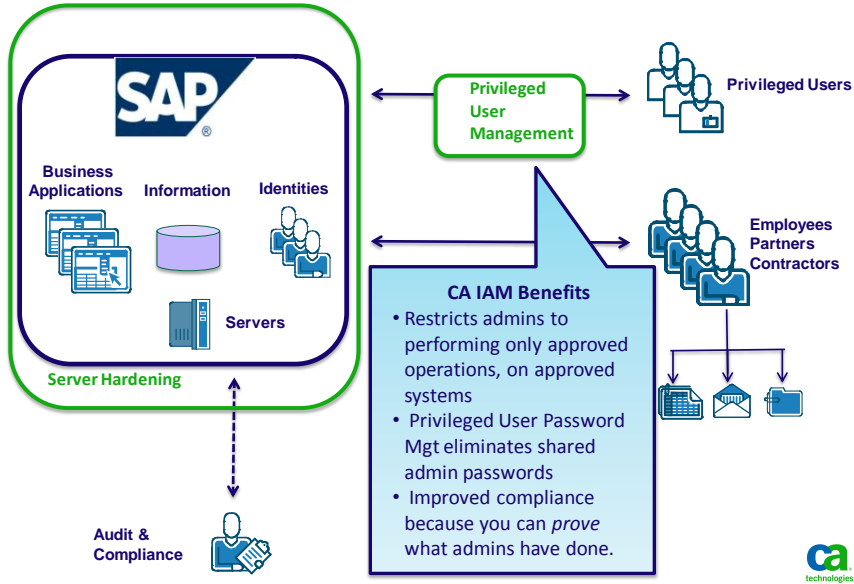
The Challenge:

SAP authentication is limited to SAP apps, which creates inconsistent authentication, and increased support costs. Also, there is no common, consistent authentication, authorization, and reporting across SAP and non-SAP apps.



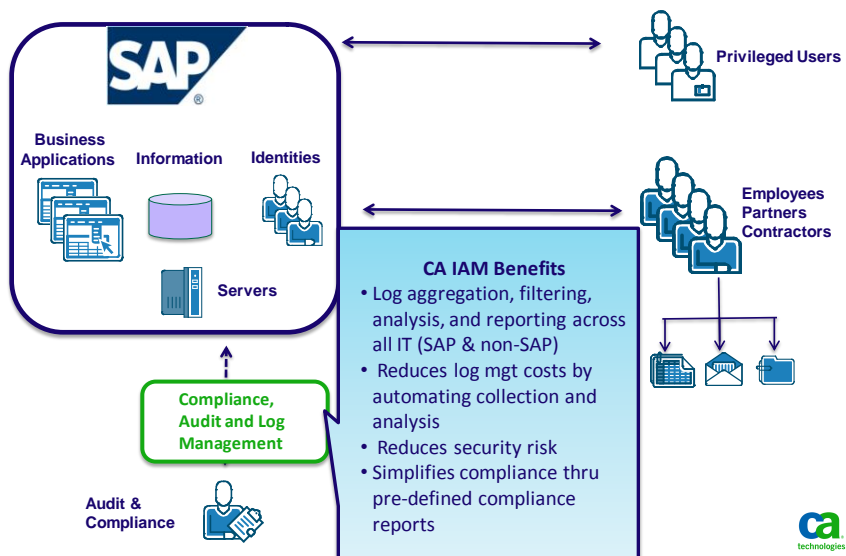
The Challenge:

Native OSs do not provide sufficient granularity to control what privileged users can do on key systems, so admins could risk critical business information (thru attack or carelessness). Also, sharing of admin passwords makes it impossible to determine who is responsible for a given action in the log file.



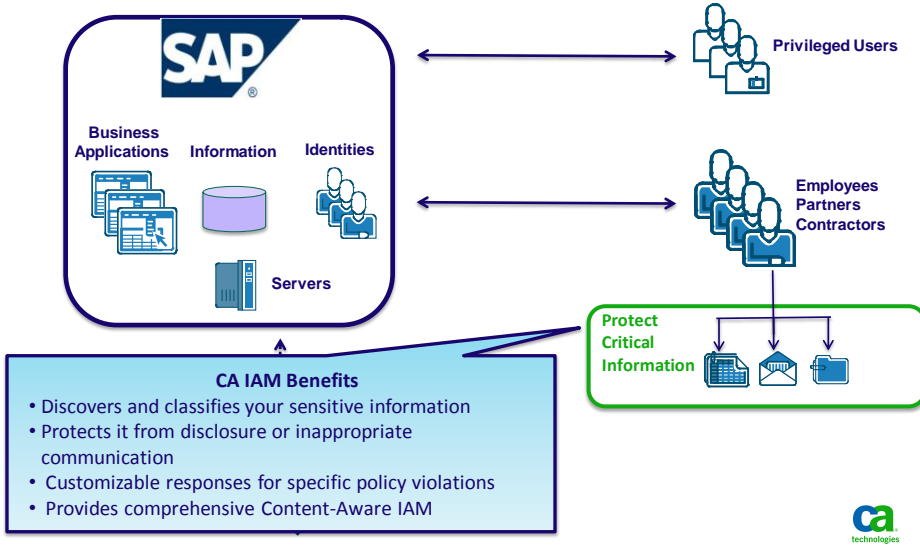
The Challenge:

SAP Log management and analysis are required by standards and regulations due to the system's high sensitivity. However, the limited and manual based log management features available in the system make this task complicated, long and costly.

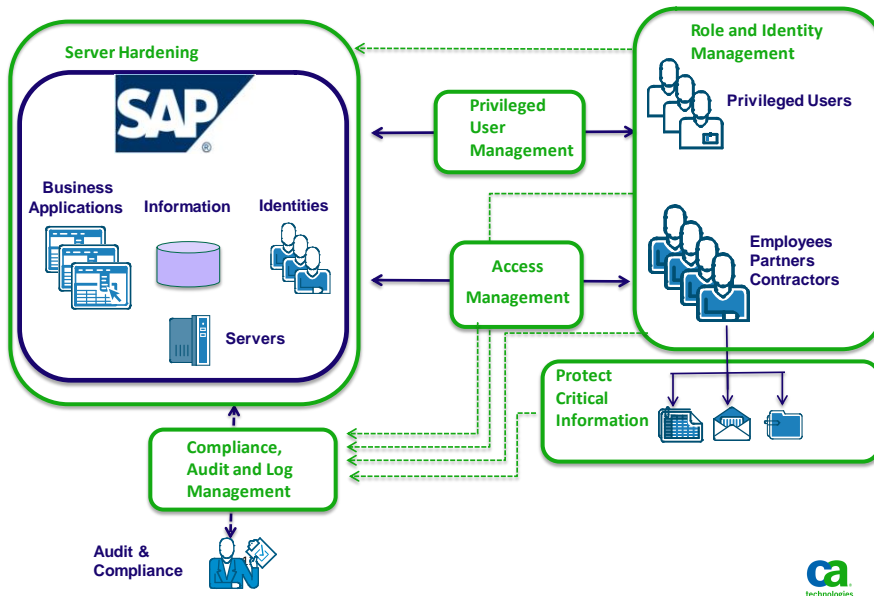


The Challenge:

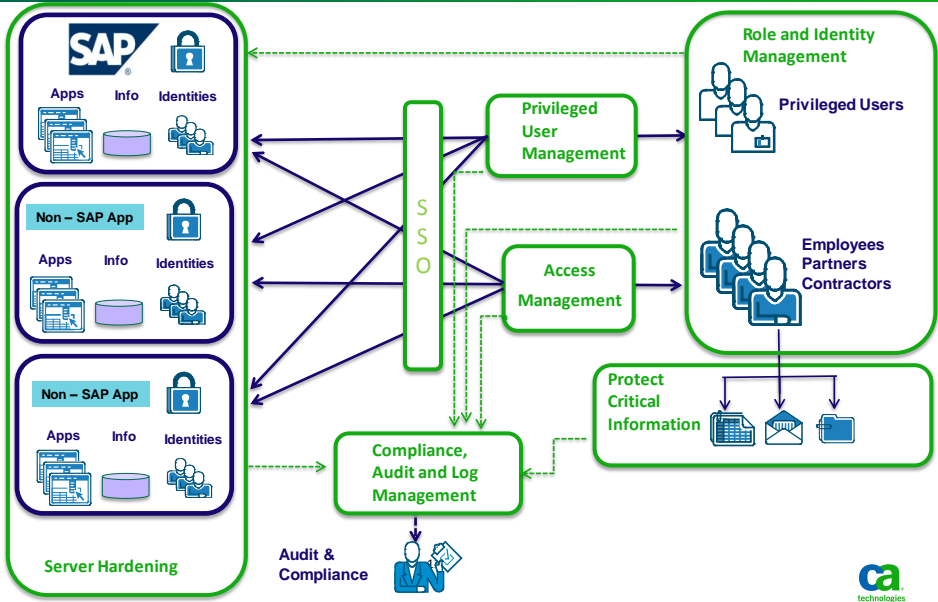
Business-critical information is uncontrolled once outside of the SAP applications and is subject to theft or disclosure through email, USB devices, Sharepoint, etc.



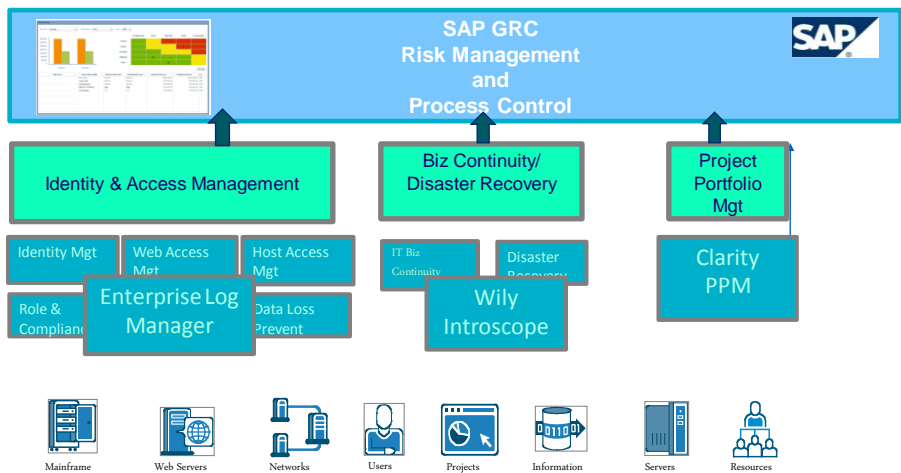
Securing SAP with CA Content-Aware IAM



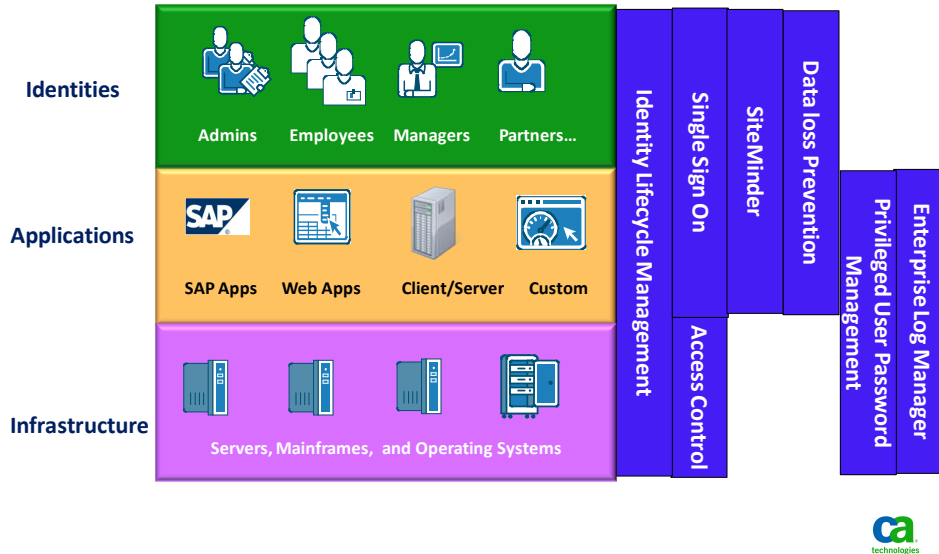
More crucial in the Heterogeneous environment



a comprehensive joint GRC solution



CA IAM – broad product coverage



Improving the Security of SAP Environments - Summary

- A comprehensive approach to security is essential for mixed SAP environments
 - ERP systems and information require *strongest* level of security
 - Native SAP security cannot provide this comprehensive approach
- CA Content-Aware IAM provides improved security for large, mixed SAP environments
- Control *identities*, their *access* and how they can *use* information they access
- Minimize risk, boost compliance, and drive operational efficiencies

Thank You

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