| SAP Solution Brief | | | | |
|-------------------------------------|------------|----------|----------|-------------|
| Enterprise Mobility | Objectives | Solution | Benefits | Quick Facts |
| SAP Mobile App Protection by Mocana | | | | |



| Objectives | Solution | Benefits | Quick Facts |
|------------|----------|----------|-------------|

App security for enterprise safety

App security for enterprise safety

Security concerns can slow the momentum toward mobile computing. Whether your enterprise is deploying third-party mobile apps or developing them internally, they must be locked down tight. That's not easy. Users bring in their own mobile devices, download their own apps, mix personal and business content, and carry confidential business data outside of corporate protection.

Device management is the cornerstone of a complete strategy for enterprise mobility management. Today, new mobile app security methods are shifting device management and security into mobile apps and removing dependence on hardware. Enterprises are increasingly looking to such "app wrapping" for added security.

App wrapping separates security from the development process and provides fine-grain usage and security policies in mobile apps. By "wrapping" security into each app, the SAP®

Mobile App Protection solution by Mocana helps administrators meet security needs in deploying either internal or third-party software.

Companies with strict security requirements and those in highly regulated industries – such as financial services, healthcare, retail, and government – are realizing that app wrapping adds flexibility in bring-your-owndevice (BYOD) environments. It can also speed the development process for business-to-business or business-to-employee apps.



Objectives Solution Benefits Quick Facts

Automated security to meet compliance and audit requirements

Automated security to meet compliance and audit requirements

Speed mobile initiatives

Secure communications and prevent data loss

SAP Mobile App Protection helps you accelerate mobile initiatives by automating app security. You can apply consistent, replicable controls across all your enterprise apps without writing any code, and you can secure business and confidential data on managed or unmanaged corporate devices.

You can also secure apps on devices that you don't control or are not on your network – including those of partners, contractors, or employees. Just choose an app or group of apps, select the related security policies, and

add functions for encryption, data protection, authentication, and virtual private networks (VPNs).

SAP Mobile App Protection also helps you fulfill compliance and audit requirements, such as those for the Health Insurance Portability and Accountability Act (HIPAA), regulations for the payment card industry (PCI), and other industry rules. You can readily integrate security policies that suit your organization and industry into an existing IT environment.



Apply meaningful security policies across all your apps.



| Objectives | Solution | Benefits | Quick Facts |
|------------|----------|----------|-------------|

Automated security to meet compliance and audit requirements

Speed mobile initiatives

Secure communications and prevent data loss

Speed mobile initiatives

By streamlining the process of making apps more secure, SAP Mobile App Protection helps keep mobile projects on track. By quickly adding security features to one or many mobile apps across your user community, you can reduce the time required for app development and deployment phases by days and weeks.

In addition to app-level encryption, data protection, authentication, and VPN, you can choose from a variety of security policies, including:

- User authentication
- · Data loss prevention
- Secure data transfer between wrapped apps
- Data-at-rest encryption with cryptography certified by Federal Information Processing Standard (FIPS) 140-2
- Jailbreak or rooting detection
- Per-app VPN tunnel
- · Contextual usage
- Controls for cut, copy, and paste



Quickly protect valuable corporate app data with your choice of security functions and policies.



Objectives Solution Benefits Quick Facts

Secure communications and prevent data loss

Automated security to meet compliance and audit requirements

Speed mobile initiatives

Secure communications and prevent data loss

SAP Mobile App Protection keeps data in motion safe by communicating with an app over a 256-bit encrypted tunnel. This prevents potential rogue applications and malware from accessing your enterprise network. It prohibits unauthorized copying and pasting from specific applications to help stop data leaks.

A smart firewall policy lets you block several types of potentially insecure network traffic from the app and require proper digital certification before communicating with a server.

By requiring user-authentication passwords for access to an app, SAP Mobile App Protection also helps ensure that data is quickly made inaccessible when devices are lost or stolen. The software supports app-data wipes based on certain conditions, such as too many failed authentication attempts.

Geofencing adds another layer of protection by restricting app usage and availability within a specific geographic perimeter. You can also set an expiration date on an app to create time-limited access. If a device is compromised by jailbreaking or rooting, you can rapidly disable the app and prevent access to stored data.



| Objectives | Solution | Benefits | Quick Facts |
|------------|----------|----------|-------------|

Safe mobile apps and an exceptional user experience

Safe mobile apps and an exceptional user experience

The pressure for mobile business processes comes from all sides of the enterprise. Executives and users at other levels want the convenience of mobile apps. Enterprise mobility is a competitive differentiator that helps organizations respond more quickly to their customers, partners, and employees. Businesses are also realizing that mobile apps increase productivity, improve efficiency, and speed time to market.

With SAP Mobile App Protection, business processes can be mobile and safe from misuse even when devices and apps are used by partners, contractors, and customers. If your mobile app deployments have been sidelined by security concerns, let the automated

security that comes from app wrapping put your project back on track. The software adds robust security to business apps in seconds and protects your enterprise from risk while providing your users with a high-quality mobile experience.

Users can interact with their mobile apps in familiar ways without installing an additional client or separating their business and personal apps. Authentication merely requires a user name and passcode. Assisted passcode recovery is available. Once authenticated, users can connect to enterprise servers through a VPN tunnel, which is maintained and autoconnected even if a user moves from one network to another.





Objectives Solution Benefits Quick Facts

Summary

The SAP® Mobile App Protection solution by Mocana speeds mobile initiatives by helping eliminate security problems that bottleneck the development and deployment of enterprise apps. SAP Mobile App Protection "wraps" data protection and access control features around an app – without any manual changes or coding. Enterprises gain robust security for their mobile apps in seconds.

Objectives

- Add security to enterprise apps without writing code
- Enable bring-your-own-device (BYOD) environments with safe, secure communications
- Speed app deployment and development
- Meet industry compliance and auditing requirements, including HIPAA and payment card industry (PCI)

Solution

- Proven, robust app security automation
- App-level virtual private network (VPN) and encryption security with FIPS 140-2 cryptography
- Consistent, repeatable security controls that you can apply across all enterprise apps
- User-friendly enterprise mobility with assisted passcode recovery and rapid authentication

Benefits

- Secure apps and data across all managed and unmanaged devices
- Customized security that aligns with users and business requirements
- · Compliance with industry requirements
- Decreased liability from exposure to corporate data breaches

Learn more

To find out more, call your SAP representative today, or visit us online at www.sap.com/mobile-app-protection.



© 2013 SAP AG or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice.

Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP AG and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and other countries.

Please see http://www.sap.com/corporate-en/legal/copyright/index.epx#trademark for additional trademark information and notices.

