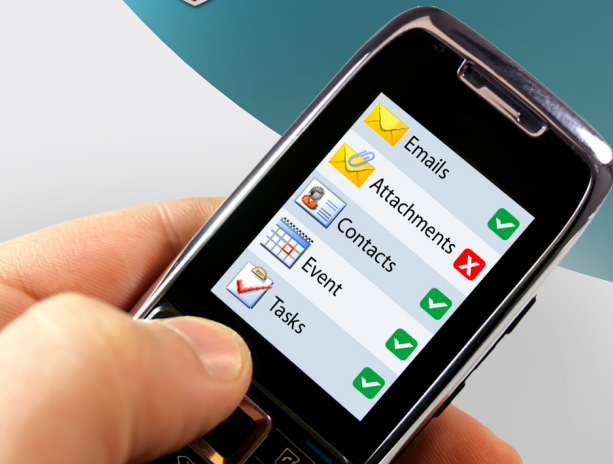




# ActiveSync **SHIELD**

## The Natural Solution for Secure Mobile Email



### Overview

ActiveSync Shield solves critical security issues related to users using corporate email from mobile devices. ActiveSync Shield offers a new approach to mobile email security with fast enrollment and low implementation costs. It is ideal for BYOD implementations since it doesn't require any client installation, can support any mobile device and allows users to continue using their favorite device's familiar native mail client. The key security issues addressed by the product are access control, content filtering/DLP and Active Directory password protection.

### Security Challenges in Connecting Mobile Devices to the Exchange Server

#### Access Control and Active Directory Password Protection

For today's mobile enterprise, the need to connect smartphones to the corporate network has become a vital business requirement. At the same time, mobile devices represent a security threat to your corporate network. Active Directory usernames and passwords that are stored and used on a device can be hacked by apps that user has unintentionally installed or through public networks that the devices are connected to. These AD credentials provide access to many core business applications. Consequently, companies realize that securing ActiveSync access control is essential, since smartphones can be used as a tunnel into the corporate network.

#### Content Filtering / DLP

As confidential and valuable business data contained in emails leaves the corporate network and travels over-the-air to mobile personal devices in public networks, measures must be taken to limit the content exiting the network. In addition, as mobile devices carry a high risk of being stolen or lost with sensitive data on them, organizations must take steps to protect data from falling into the wrong hands.

#### Mobile ActiveSync Security Risks

- Active Directory password hacking by malware apps or while connected to public networks
- Connecting to Exchange with an unapproved device
- Data leaks from email stored on a stolen or lost device.



# The ActiveSync Shield Solution

## Dynamic Content Filtering

ActiveSync Shield allows organizations to control the content leaving their networks and to limit such content only to authorized users. Dynamic content filtering rules ensure that the content published (Emails, Attachments, Tasks, Contacts, Events) is aligned with the security level requirements.

The content rules can be based on parameters such as device type, group membership or the content requested including mail text, specific attachment types, specific sender domain, etc. For example, typical rules could be to allow only image type attachments to users in management group, or blocking all mails with the word "secret" in the mail.

In addition, ActiveSync Protector supports sending content to leading anti-virus services. This feature is extremely important due to the low security level of most mobile devices.

## Mobile Access Control

ActiveSync Shield offers a Two Factor Authentication solution based on the device as something you have and the credentials as something you know.

Several enrollment options are supported, including automatic registration and two-step registration using a self-service access portal to register the device and verify that the user and device match.

## Active Directory Password Protection

To protect your corporate assets from hackers, ActiveSync Shield authenticates users without storing Active Directory credentials on the mobile device. This is done by requiring the user to create dedicated ActiveSync credentials in a self-service access portal that are different from the Active Directory credentials. ActiveSync Shield then performs the network authentication required to allow the user to receive his/her Exchange data. This feature offers an effective solution for organizations using only smart card login, as well as protecting against Active Directory account lockout scenarios.

## Best-in-Class Data Leak Prevention (DLP)

Revolutionary DLP functionality enables emails to be read as an online web page within the native mail client on any mobile device, without storing data on the device. When an authenticated user opens the message on his device, ActiveSync Webmail displays a dynamically generated webpage containing the mail body. Even if the device is lost or stolen, your sensitive data is safe since it is never stored on the mobile device!

### ActiveSync Shield Key Benefits

- Complete secure mobile email solution, including DLP, mobile access control, rule-based content filtering and anti-virus
- Two-factor authentication access control
- Natural BYOD solution for any mobile device
- Available as a filter for Forefront (ISA/TMG/IAG/UAG) servers or as a standalone gateway
- No client installation for easy deployment and minimal maintenance on device



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