

Sophos Mobile Control

Per Söderqvist
Sales Engineer - Sophos

SOPHOS

Per Söderqvist – Sophos

Technical Sales Engineer



1983

.

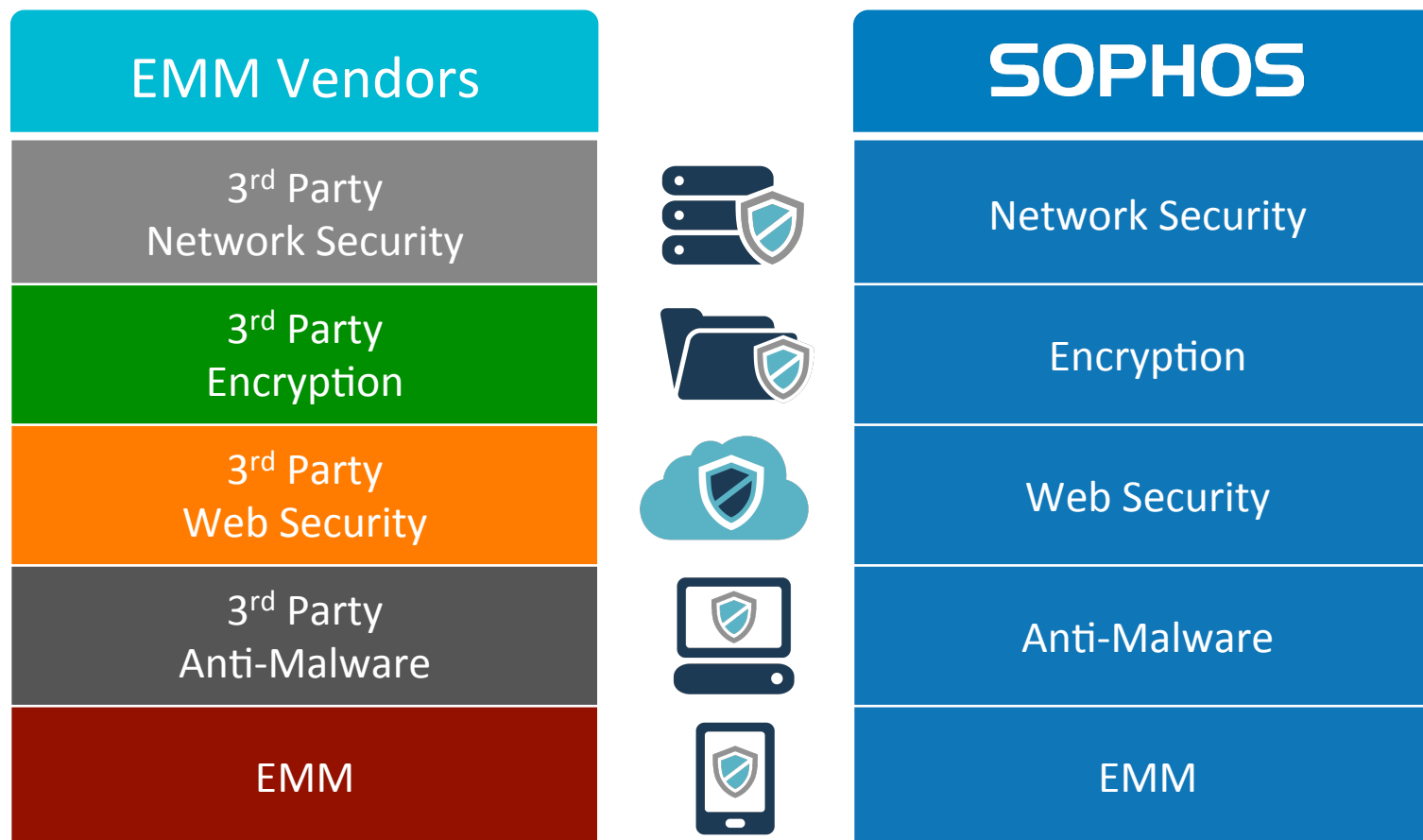
2016



It's Time to Synchronize Security



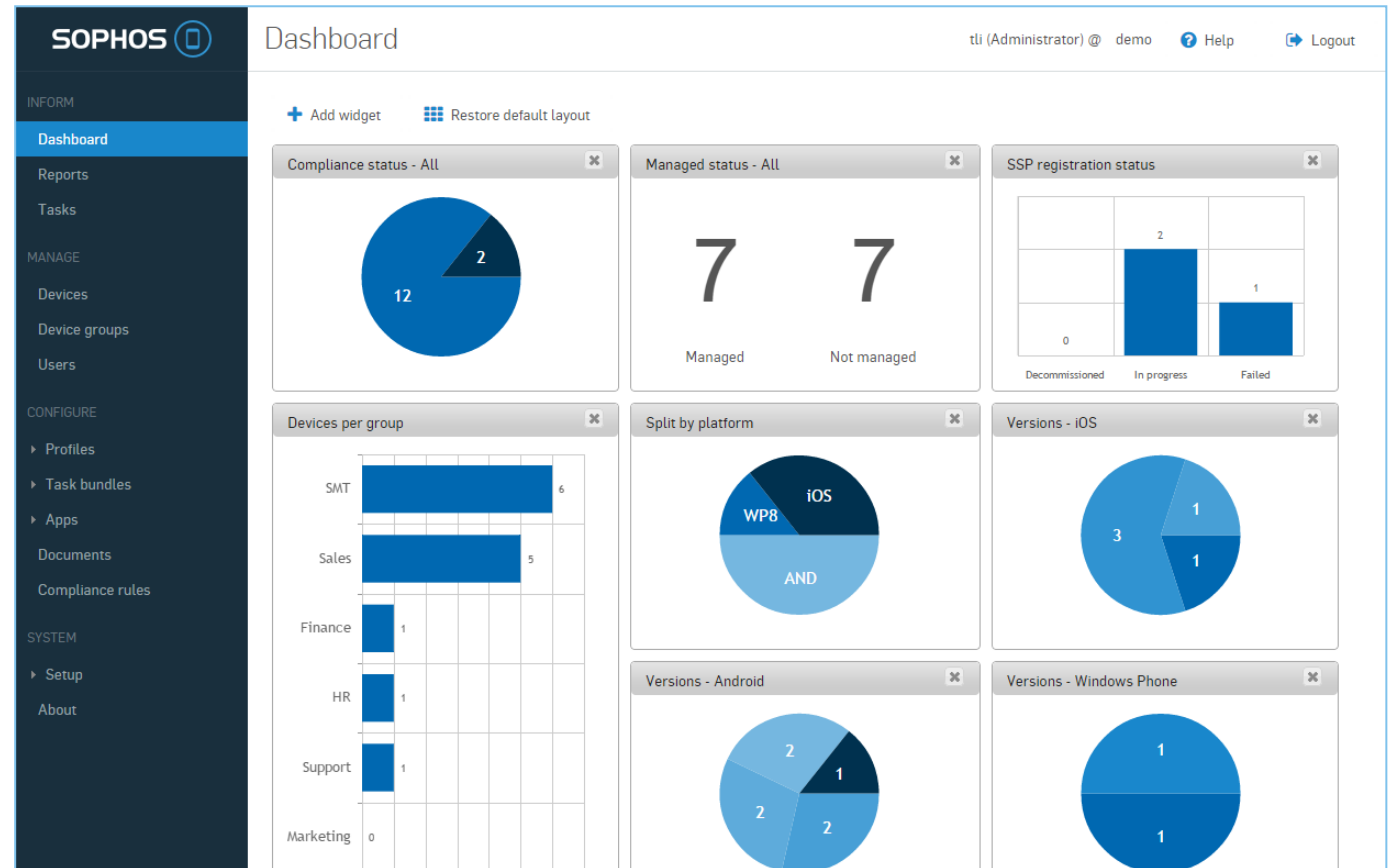
Simplicity through integration



“A single solution is better for security” – Gartner, in ComputerWorld 2014

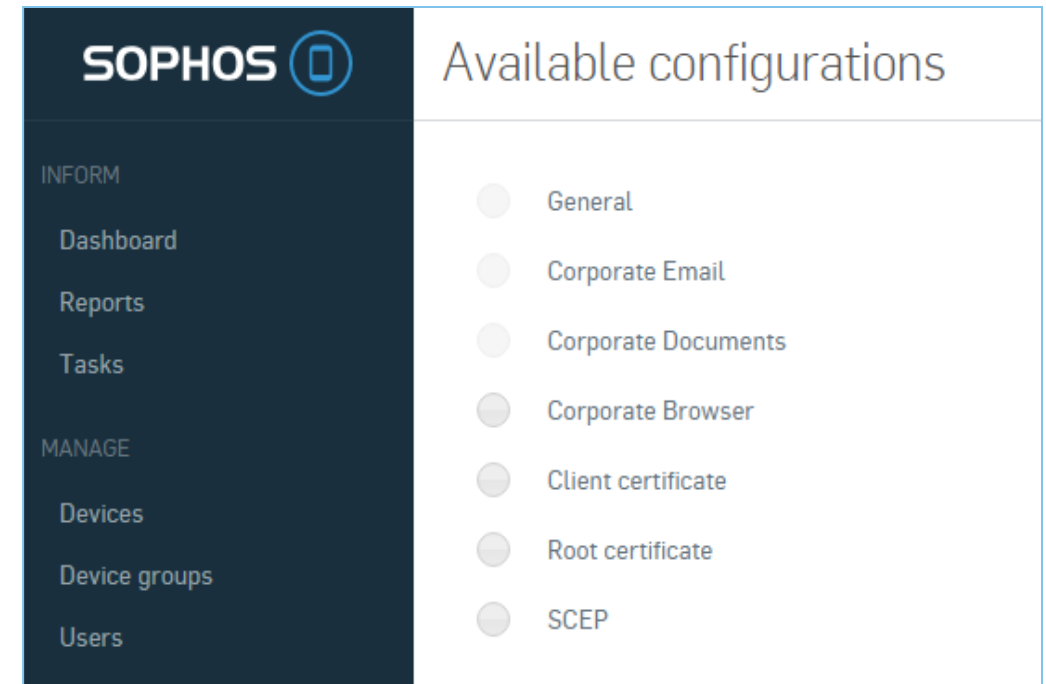
Overview of Sophos Mobile Control

- Deployment of Apps
 - Upload applications
 - Link to App store
- Management of devices
 - Inventory management
 - Locate, Lock and wipe etc.
- Over-the-Air configuration
 - Configuration of password & security
 - Wi-Fi & VPN configuration
 - Email and identity configuration
 - Compliance enforcement
- Supported OS
 - iOS, Android (Extended support for Samsung, LG, Sony), Windows Phone/Mobile, Windows 10 Desktop
- DEP, VPP, KNOX Support



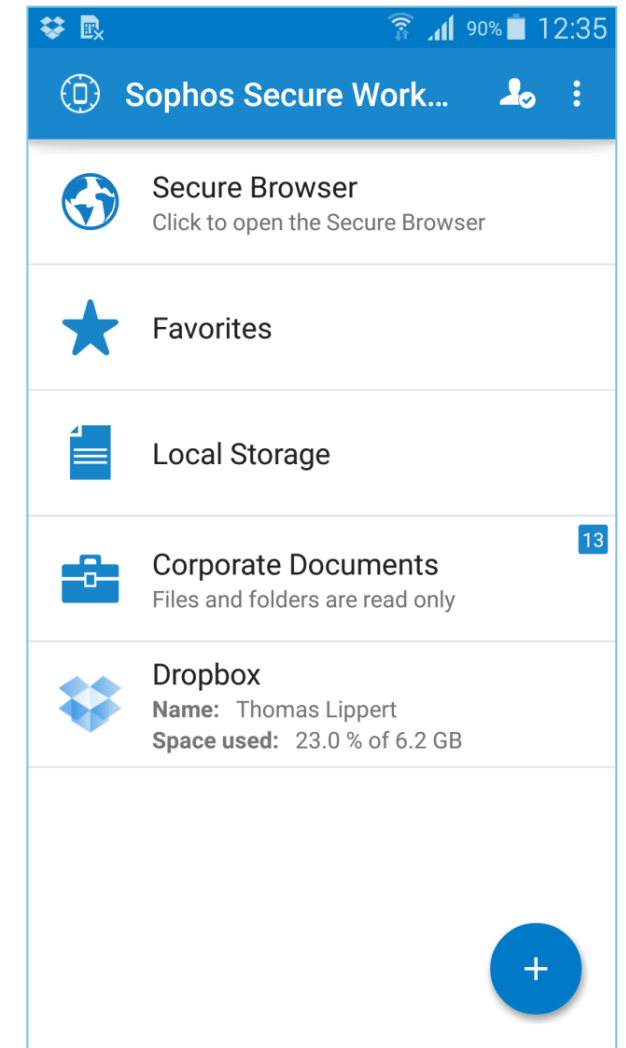
Sophos Secure Containers

- Ease of implementation with single container policy
- Separation of Corporate and Personal data
- Easy to provision email
- Native email experience
 - Android
 - iOS
- Flexible security parameters
- Integrated security settings

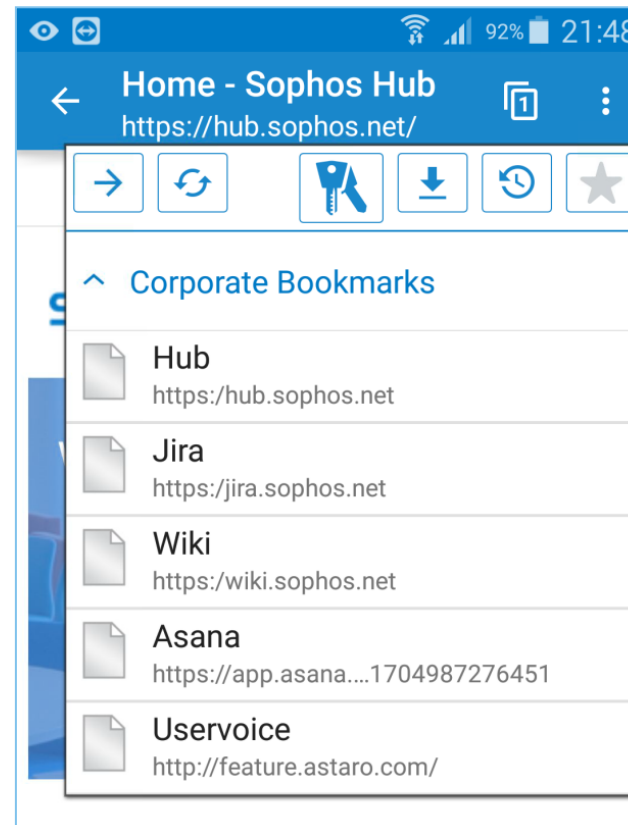
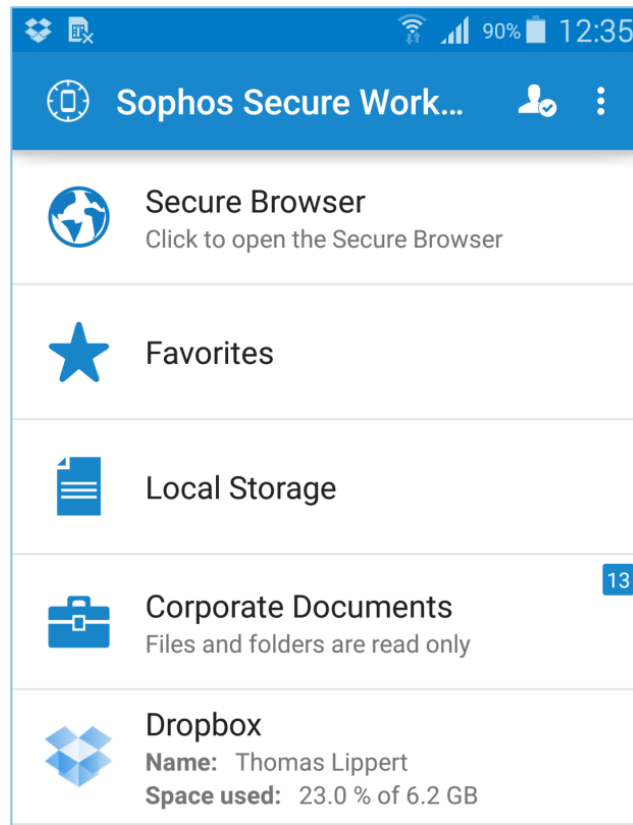


Mobile Content Management


- Controlled access to files and cloud storage
- Enable Secure Collaboration
 - Document sharing with desktop devices
 - Editing/annotations
 - Document publishing
- Document Security
 - Admin-controlled external access
 - User-centric encryption per file
- Corporate Browser
- Cloud Services
 - Dropbox, Box, Google Drive, OneDrive, Egnyte, WebDAV, OwnCloud, OneDrive Business, SharePoint online (Office365)



Secure Workspace – Corporate Browser



Secure Workspace – Documents



INFORM

Dashboard

Reports

Tasks

MANAGE

Devices

Device groups

Users

CONFIGURE

Profiles / Policies

Android

Apple iOS

Windows Mobile

Task bundles

Apps

Documents

Compliance rules

SETTINGS

App groups

Setup

About

Corporate Documents

The Corporate Documents app enables access to encrypted files. The following settings only apply if Co

Configure storage providers (2 enabled)

Storage providers	Enable	Offline	Open in (encrypted)	Open in (plain)	Clipboard
Local storage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dropbox	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Google Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Media center	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OneDrive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Egnyte	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WebDAV 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WebDAV 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WebDAV 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sophos Mobile Control

Enable Documents ☒

Keyring and keys



Enable keyring ☒


Passphrase complexity 6 char password

Back


Apply


Sophos Secure Work...




Secure Browser

Click to open the Secure Browser


Favorites

Local Storage

Corporate Documents


Files and folders are read only

13

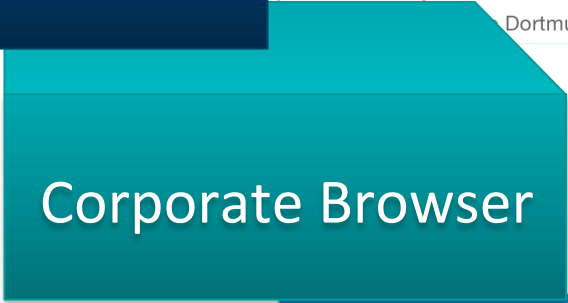
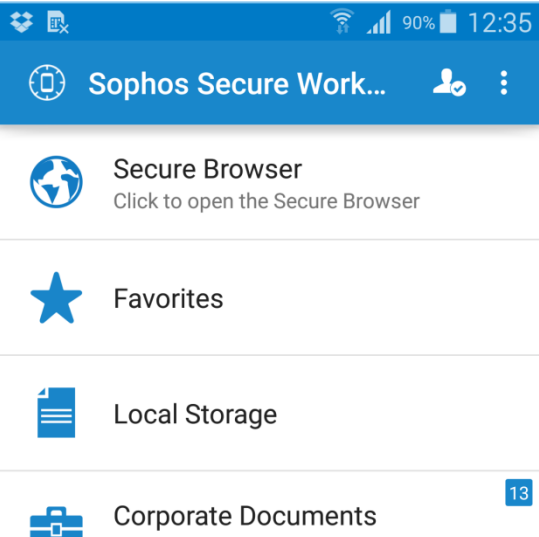
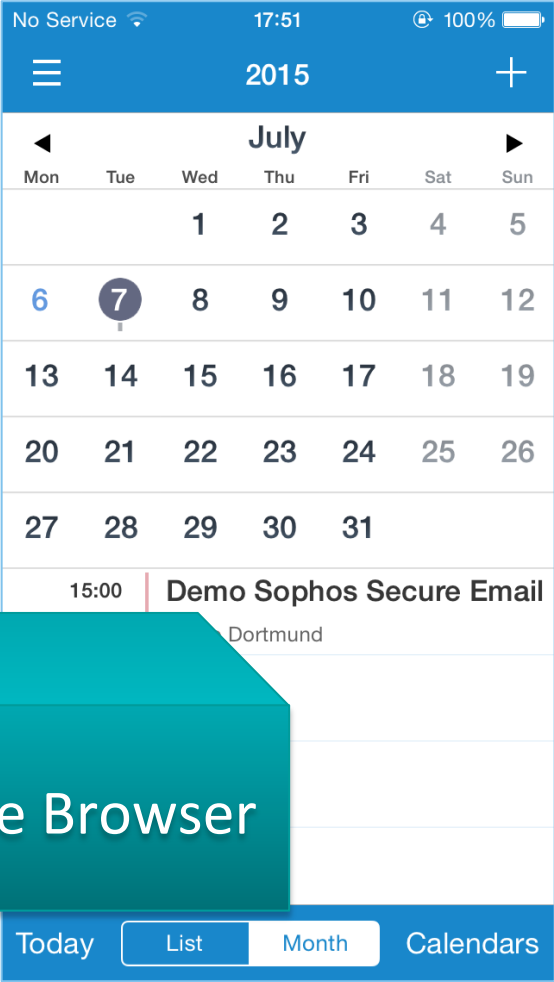
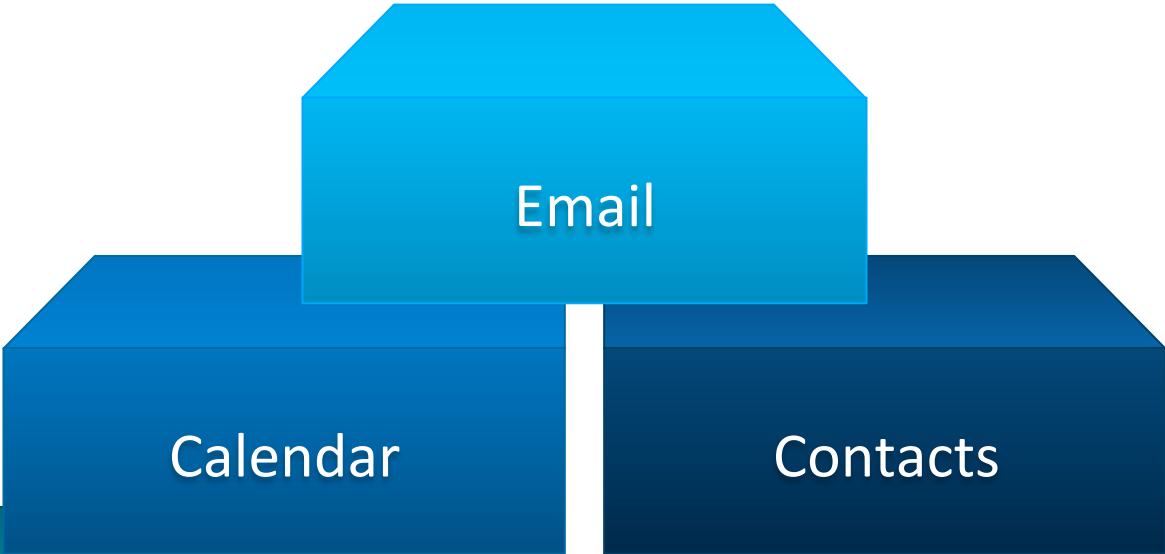
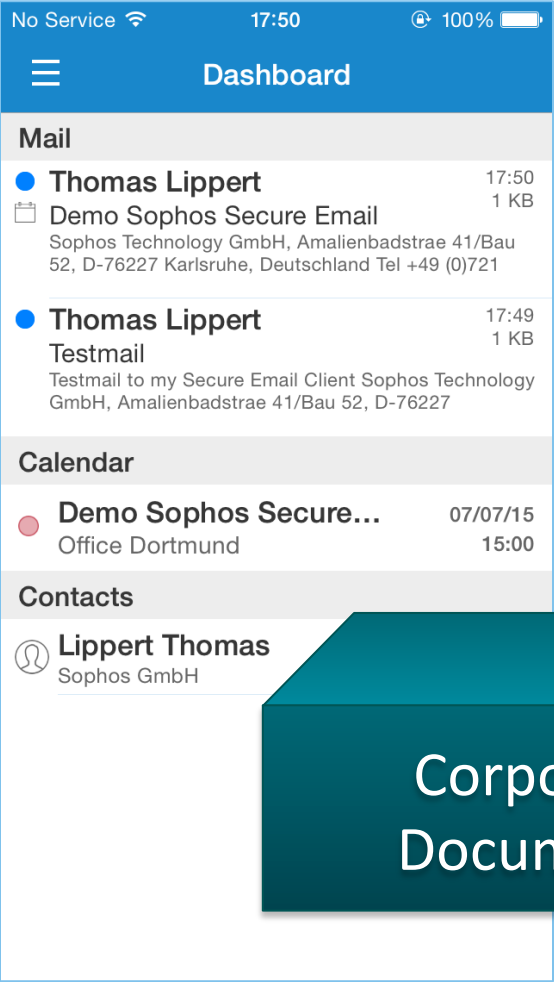
Dropbox

Name: Thomas Lippert

Space used: 23.0 % of 6.2 GB



Sophos Secure Containers



Today's threat landscape

Threat Analysis Simulator

Every day, SophosLabs' state of the art, big data analytics system processes millions of files, emails, URLs, and other data points.

Hours Minutes Seconds
00:01:00

Spam Messages

3 million spam messages per day

2049



Suspicious Android Apps

11,000 new suspicious Android apps per day

07



Suspicious File Samples

350,000 new suspicious samples per day

241




URLs and Domains

1 million URLs and 100,000 domains per day

693





Mobile Security




CUSTOMER DASHBOARD


ANALYZE


 Dashboard


 Alerts


 Logs & Reports


MANAGE PROTECTION

 People


 Computers


 Mobile Devices


 Servers

 Firewalls

CONFIGURE


 Policies

 System Settings

 Protect Devices

Android device (p1/lg-h810)

Mobile Devices / Android device (p1/lg-h810)



Android device (p1/lg-h810)

LG-H810

Android 5.1

Edit | Delete Device

Force Check-In

AV Scan Now

Send Message

Unlock Device

Lock Device

Locate Device

Wipe Device







Details

Events

Status


From Jan 8, 2016

To Apr 7, 2016

EVENT	WHEN
 Malware detected: 'Andr/Eicar-A' at 'uk.co.extorion.EICARAntiVirusTest'	Apr 7, 2016 11:09
 Send Message succeeded	Apr 7, 2016 10:56
 Send Message succeeded	Apr 7, 2016 10:51
 Send Message succeeded	Apr 7, 2016 10:44
 New "Security Management" app enrolled for endpoint Android device (...)	Apr 7, 2016 10:33
 New mobile registered: Android device (p1/lg-h810)	Apr 7, 2016 10:33

6 Events

Scanner


 Scanner

Last scan: less than one hour ago

START

0 items on allow list. [SHOW](#)

Threats and PUAs



EICAR Anti Virus Test

Andr/Eicar-A

Low reputation Apps

No entries

SOPHOS

12

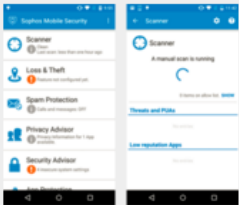
Best Protection Award - 2015



100% Protection
11 times in a row

Sophos Mobile Security

During January 2016 we evaluated 27 mobile security products for Android using their default settings. We always used the most current version of all products for the testing. They were allowed to update themselves at any time and query their in-the-cloud services. We focused on malware detection and usability, including performance and false positives. Products had to demonstrate their capabilities using all components and protection layers. During January 2016 we evaluated 27 mobile security products for Android using their default settings. We always used the most current version of all products for the testing.



	January	Industry average
Detection of the latest Android malware in real-time 3,177 samples used	100%	98.9%
Detection of the latest Android malware discovered in the last 4 weeks 3,496 samples used	100%	98.8%
Protection Score ●●●●●● 6.0/6.0		

Demo



Android Malware

SOPHOS



FEATURES



INTERCEPT AND BLOCK SMS

GET PICTURES

TAKING PHOTOS/VIDEOS/AUDIO RECORDINGS

GETTING BROWSER HISTORY AND BOOKMARKS

GETTING USER ACCOUNTS AND CONTACTS

SENDING TEXTS

RECORDING CALLS

OPENING DIALOG BOX TO ASK FOR PASSWORDS / COMMUNICATE



PRICING



LIFETIME

\$300⁰⁰

BUY NOW

LIFETIME PACKAGE

LIFETIME UPDATES AND SUPPORT

PAYMENTS

BTC, LTC, BTC-E, AND PP FOR TRUSTED MEMBERS
ALL ACCEPTED.

How to hide your malware



Application (.apk)



Android RAT (Remote access trojan)

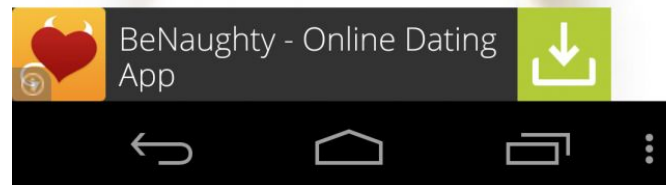


Top 3



2

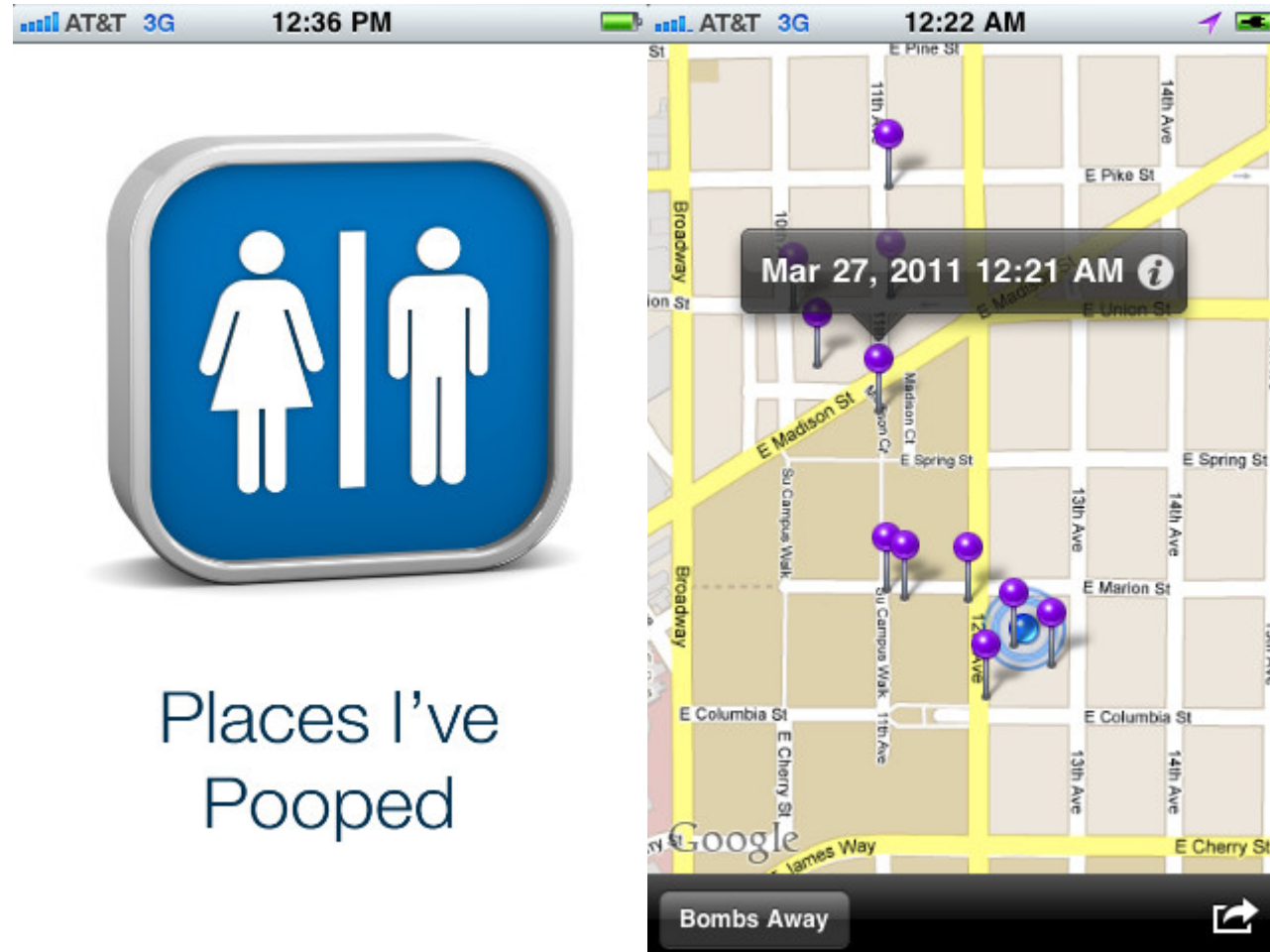
*WILL YOU MARRY
ME ?*



1



Places I've
Pooped





- **Email address**
 - **Username**
 - **Password**
 - **Domain**

Demo

SOPHOS
Security made simple.