

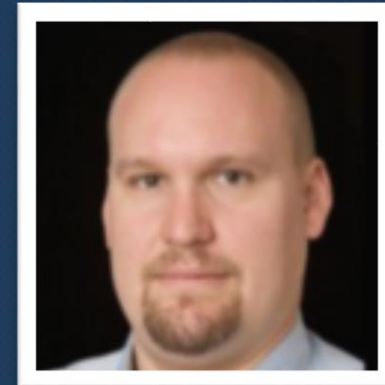


How a Renowned Healthcare Institution Shares Patient Data in the Cloud - Securely

Mark Menke, Principal Architect, Digital Guardian

About Mark Menke

- Principal architect for Digital Guardian
- 20 years in IT and security
 - ASIC design
 - IT exec management
 - Security consulting
- At SonicWall managed \$35M/yr eCommerce site
- Key to the success of Ignyte Technology



Agenda

- Vision: Share Information Anywhere
- Enterprise DLP and Cloud Protection
- Evaluating Cloud Access Security Brokers (CASB)
- Box + Digital Guardian
- Benefits of Secure Collaboration
- About Digital Guardian
- Q & A

Hospitals Vision: Share Information Anywhere

“Care providers should be able to share across settings, sites and devices”

- CIO

- Cloud technology could enable collaboration between
 - Internal and external care providers
 - Research personnel

HIPAA/HITECH Regulations

- Institution
 - Children's hospital
 - Healthcare system
 - Medical school
 - Research institution
- Maintains PHI for patient care and research
- Subject to HIPAA

“We want to share Protected Health Information (PHI) within the organization but make sure we aren't sharing it outside.”

- CIO

Enterprise DLP for Protecting PHI

- Enterprise DLP benefits
 - HIPAA/HITECH compliance
 - Sensitive data protection
 - Content and context based policy
- Deployed Digital Guardian
 - Network DLP
 - Data Discovery
 - Endpoint Compliance



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CASB: Not The Right Fit

- Pattern matching = insufficient level of accuracy
- Not intuitive for care providers
- Not comprehensive Data Loss Prevention

Content That's as Easy to Secure as it is to Share

- Chose Box for the enterprise
- Folders and files become shared
- Secure workspaces where care providers have access to the right content
 - With the right permissions
 - Without IT having to provision users or setup extranet sites

The logo for Box, featuring the word "box" in a white, lowercase, rounded sans-serif font.

Box + Digital Guardian = Secure Cloud Collaboration

- Digital Guardian directly integrates with Box API
- Extend existing DLP policies to the cloud storage
- No end user training required
- No impact on end user productivity

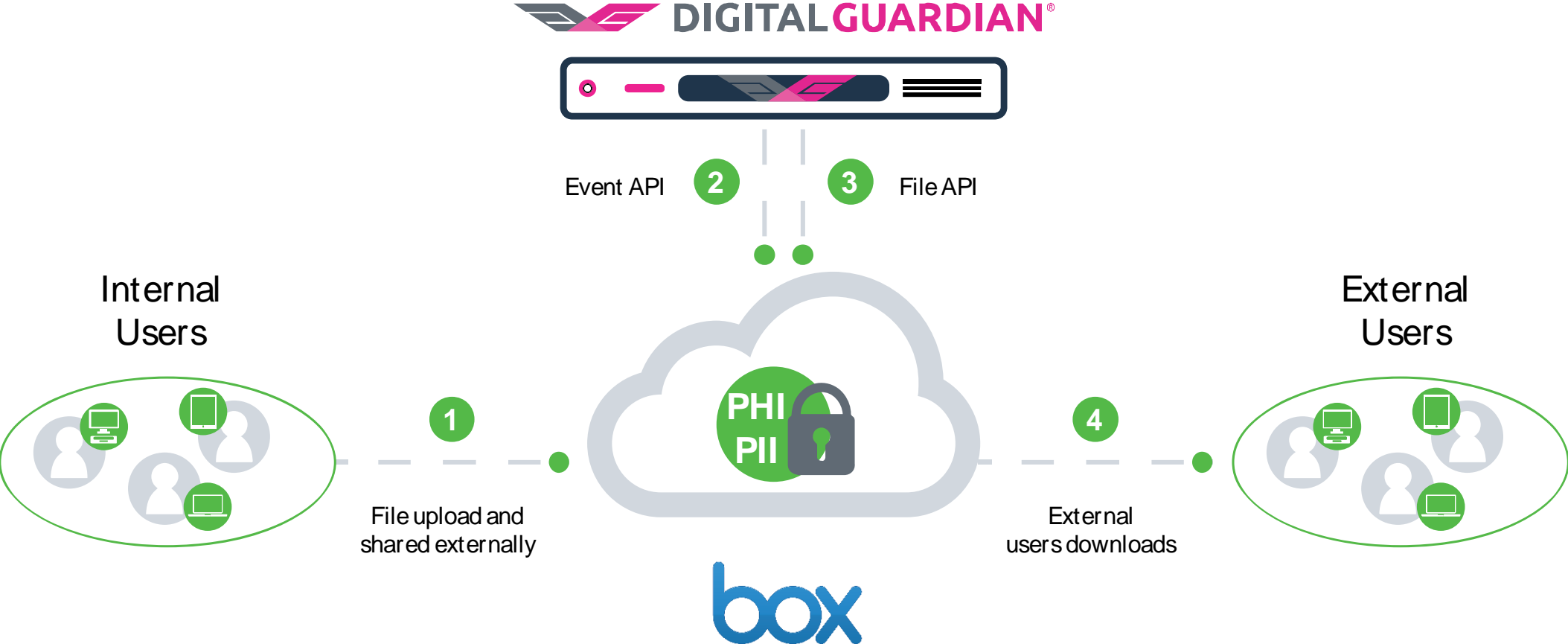


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CLOUD DATA PROTECTION

Box + Digital Guardian = Ease of Use + DLP

- AUDIT all files
- REPORT on files require action to meet compliance requirements
- ALERT appropriate administrator and data owner that information has been identified as sensitive
- MOVE a potentially sensitive file to a secure area
- REMOVE files from cloud storage that may be out of compliance

How The Joint Solution Works



Reducing Compliance Risk

- Common approach: Scan for PHI every evening
 - Unacceptable risk for this healthcare institution
- Compliance team requirement:
 - Near real-time removal of PHI from shared files
- Digital Guardian event based scanning
 - Every change to the shared files triggers an event to be inspected
 - Frequency set for every 60 seconds

Implementation – 55,000 Users

- Institution created one shared folder for each user
 - Other centers and identified partners can access
 - Folder cannot contain PHI
- If DG detects PHI
 - File is immediately moved back to a non-share folder
- Audit confirmed extreme accuracy
 - 99% of instances where file was moved back users didn't object to the move

Benefits of Secure Collaboration

- Sharing current studies or IP among faculty, staff and researchers
- Easily hand off from one care provider to another
- Providing care providers quick, secure access to critical information on any device
- Delivering personalized content directly to patients

box

+


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Vision Achieved: Secure, Compliant Cloud Sharing

- Intuitive information sharing around the globe among care providers, researchers and staff ...
- While still maintaining HIPAA compliance

box

+



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Digital Guardian for Healthcare

Comprehensive DLP



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Rapid Deployment; Low Overhead

“Implementation is greatly simplified...with average deployment times much shorter than other DLP products. Implementations can often be completed in a single day, with only minimal policy tuning required thereafter.”

- Data Loss Prevention Leading Vendors Review, DLP Experts, Jan 2016



High Accuracy – Focus on Real Risk

- Database Record Matching provides lowest false positive rate

“Within literally minutes of the appliance being plugged in, we started collecting data. Once we saw items that could become major issues for us, we were able to remediate potential problems right away.”

- *Steve Scott, Information Security Manager, Saint Charles Health System*



Integrated with Leading EHRs



Predefined Healthcare Policies

- PHI data
 - Multiple policies detect, log, encrypt, and/or block PHI
- Patient financial data
 - Multiple policies detect, log, encrypt, and/or block patient financial data
- Unencrypted EDI
 - Unencrypted HL7 and X12 messages by source and destination
 - Unsecured partner EDI communications can be easily discovered and corrected

A Trusted Partner



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IN MORE THAN

100



HEALTHCARE SYSTEMS

May Healthcare Webinar

Addressing the Top 5 IT Security Risks -
A Survey of Healthcare Security Pros

May 26th

1:30 east / 10:30 west

The Forrester logo is a dark green oval containing the word "FORRESTER" in white, serif, all-caps font with a registered trademark symbol.

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Chris Sherman of Forrester will explain:

- 5 security risks healthcare IT security pros most concerned about
- US healthcare IT security budgets and spending plans
- Forrester recommendations on where to focus your security efforts for maximum impact



Q & A