



# File Transfer Solution

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Ethan Lin, Solutions Consultant

開放的服務

封閉的服務



商譽



成本



防禦

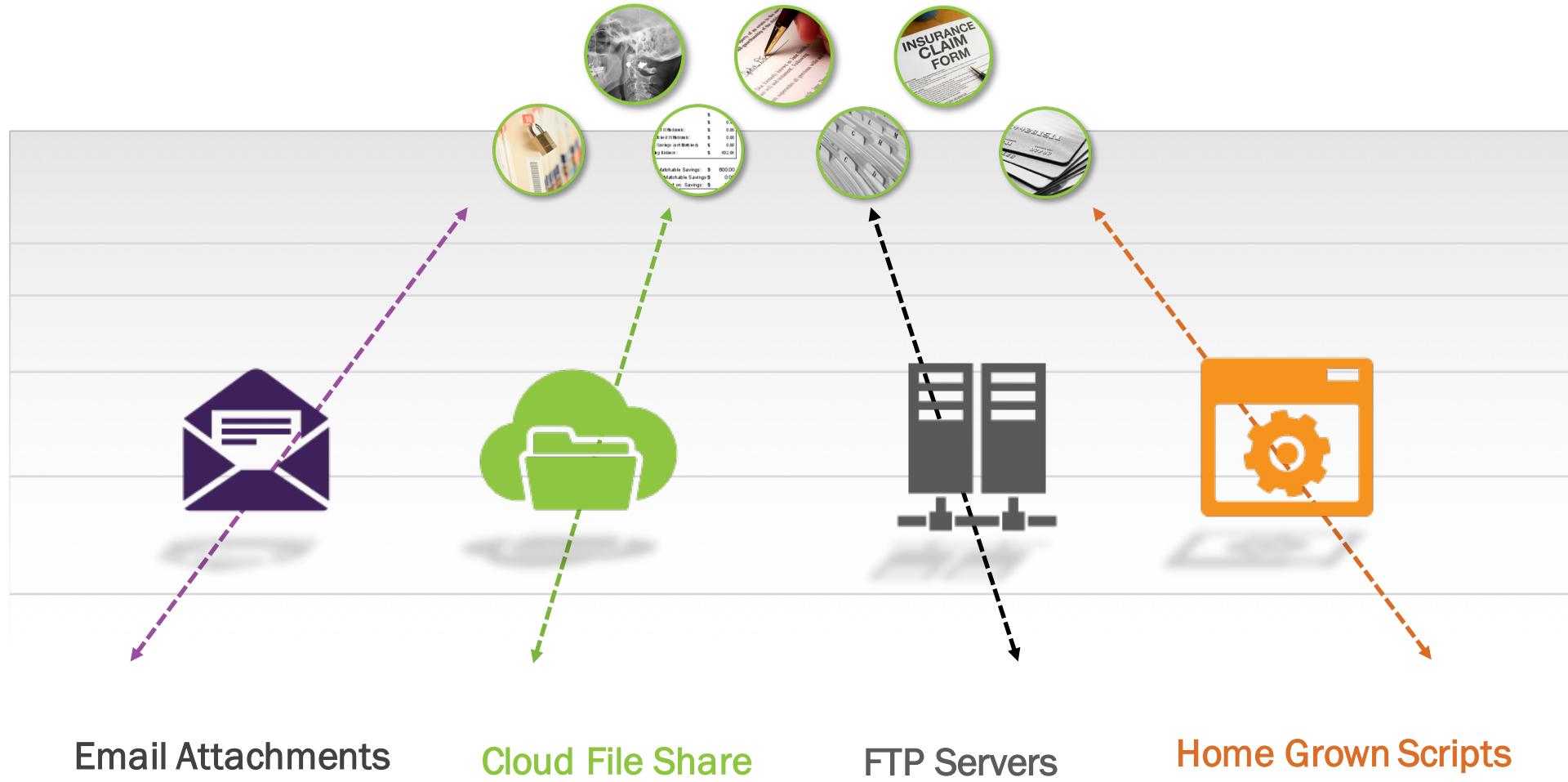


管理

資訊安全

資料安全

# Many Methods & Many Reasons



Email Attachments

Cloud File Share

FTP Servers

Home Grown Scripts

# How do we share files?

Inside Enterprise	Cloud
Email Attachment	Dropbox, Box.net
Central NAS File Sharing (Copy&Paste)	iCloud Drive, Google Drive
Microsoft Lync, Sharepoint	Line, WhatsApp, Skype
SMB,NFS,HTTP,FTP	Web 2.0 Modern UI



# All industries need secure file transfer



# Different Industries Have Different File Transfer Needs



## Healthcare

**Transfer Files:** patient records and claims information

**To / From:** billing department and insurance companies, health plan providers and payer organizations

**In Compliance with:** HIPAA



## Financial Services

**Transfer Files:** batch credit card transactions, lock-box movement reports, ACH transactions, or check images

**To / From:** data centers, branch locations, merchants, other banks, and payment processors: ACH/EFT/e-payment vendors

**In Compliance with:** PCI-DSS and privacy laws / regulations



## Government

**Transfer Files:** citizen health records, employee information, records, and contracts

**To / From:** local, state and federal agencies and departments, citizens, insurance companies, banks, and businesses

**In Compliance with:** privacy law/regulation



## All Industries

**Transfer Files:** batch transaction data, large image files, videos, or other structured and unstructured data

**To / From:** datacenters, remote locations, vendors, customers, brokers, government agencies, banks, or cloud based services and storage

**In Compliance with:** privacy laws / regulations

# Moving Files is Business-Critical



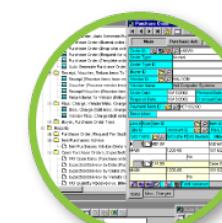
Legal Documents



X-Rays



Loan Information



Purchase Orders



XML Data Files



Patient Records



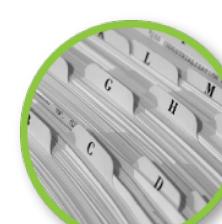
Insurance  
Claims



Account Statements



Test Results



Customer Information



Large Video  
Files



Credit Card Payments

# Securing Data in Motion and at Rest

Files Move Across the ‘Borderless Enterprise’ between Systems and People

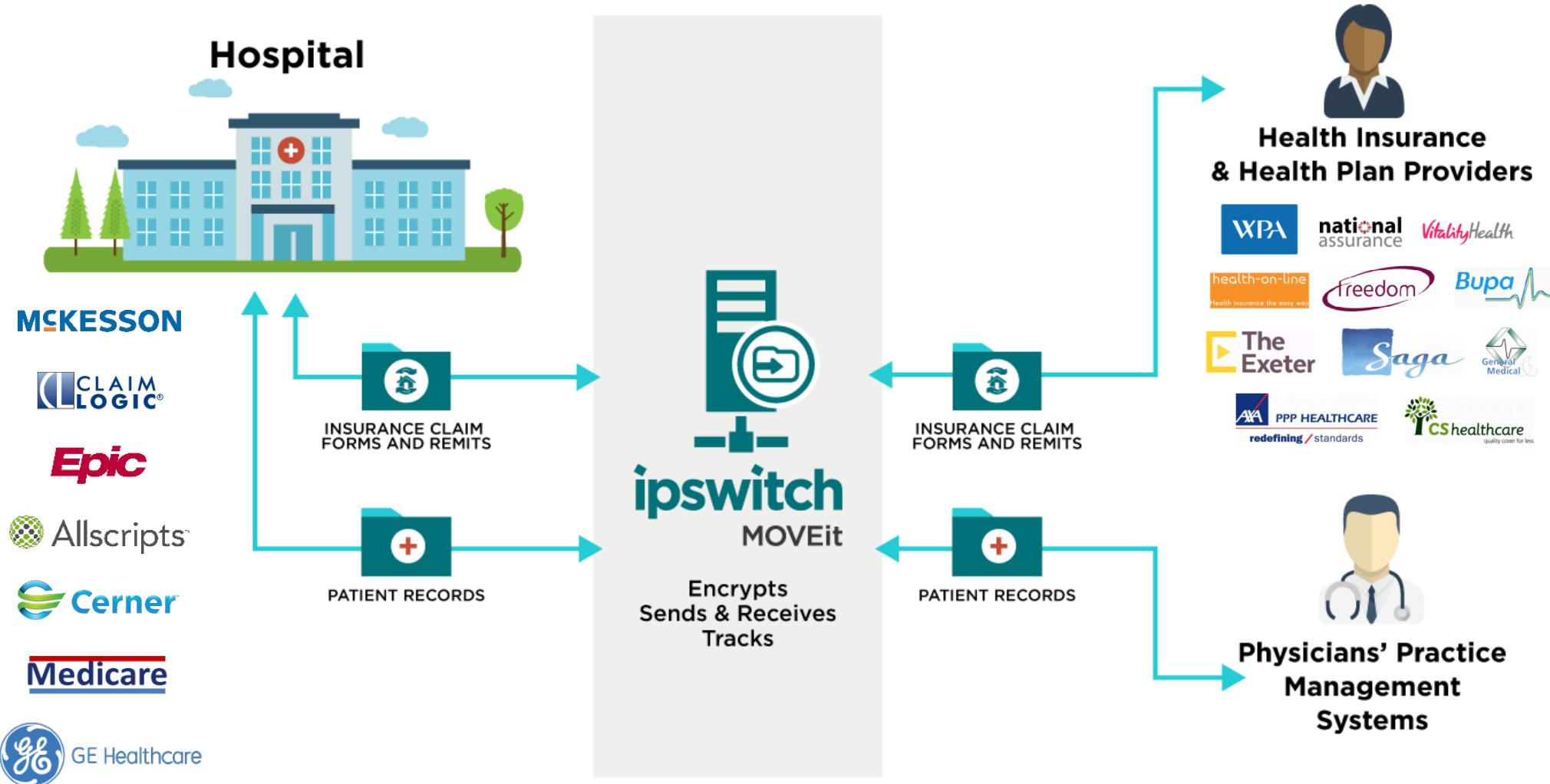


# 資安

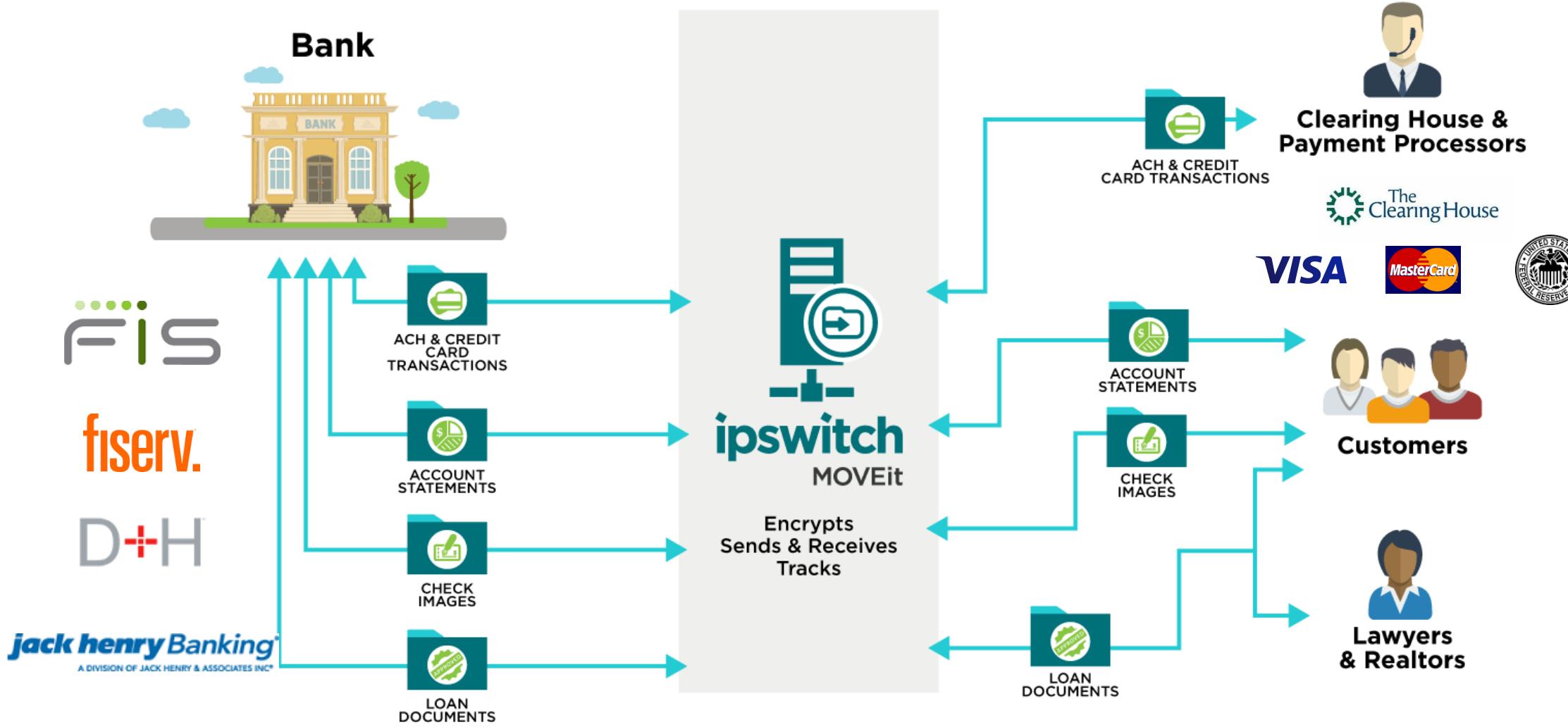
手動

自動

# MOVEit in Action - Healthcare



# MOVEit in Action - Banking



- Manage complexity
- Provides secure control of business transactions, applications and Infrastructure across:
- Across cloud, virtual and network environments

 **Business Transactions**

 **Applications**

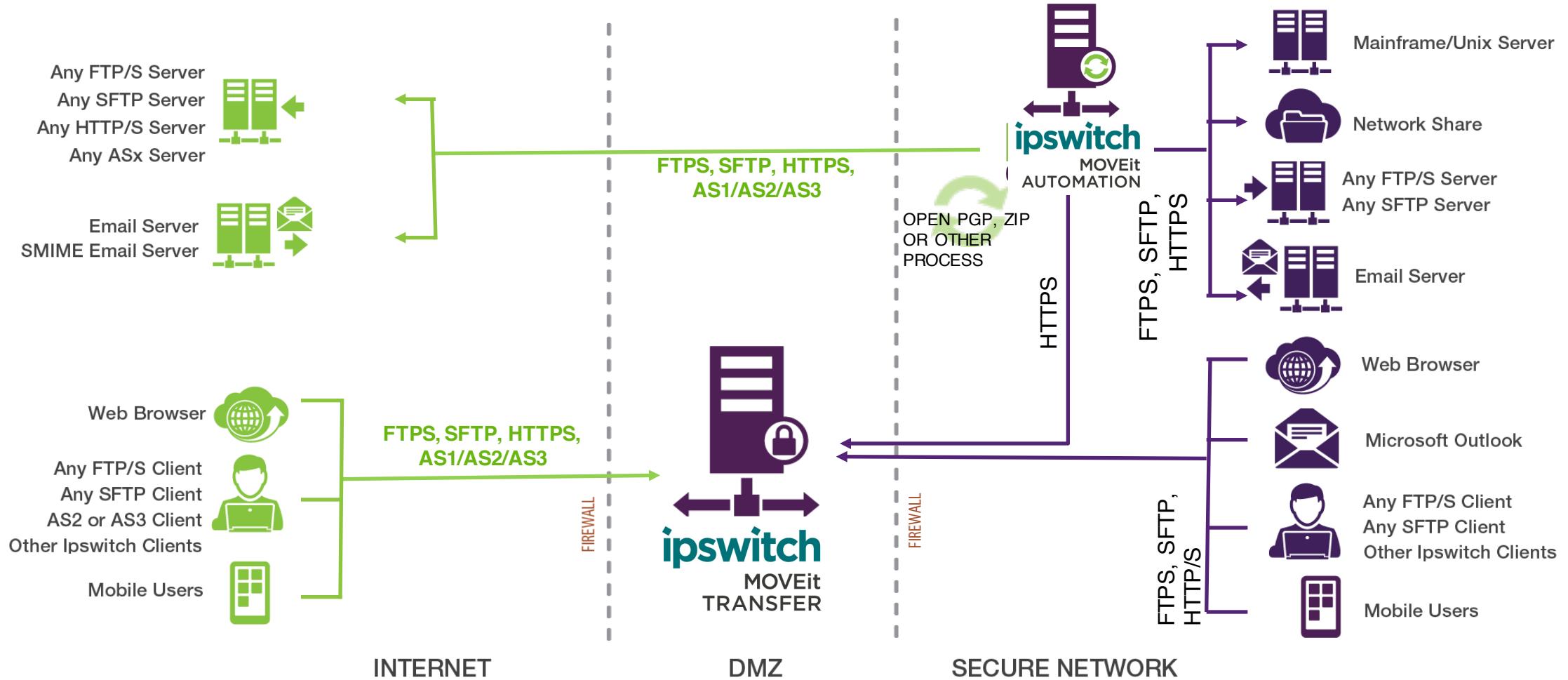
 **Infrastructure**

 **SECURE CONTROL**

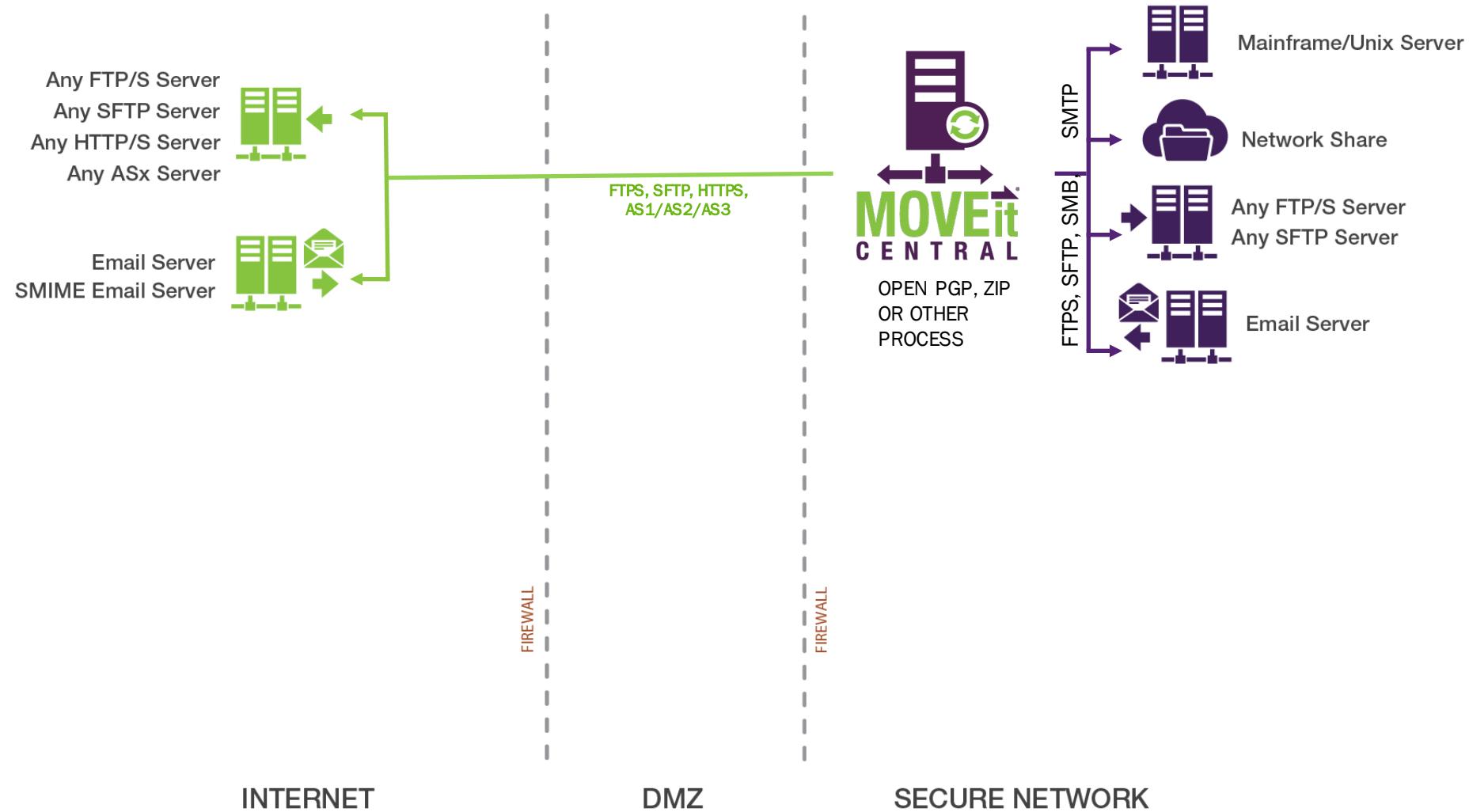


# MOVEit Managed File Transfer

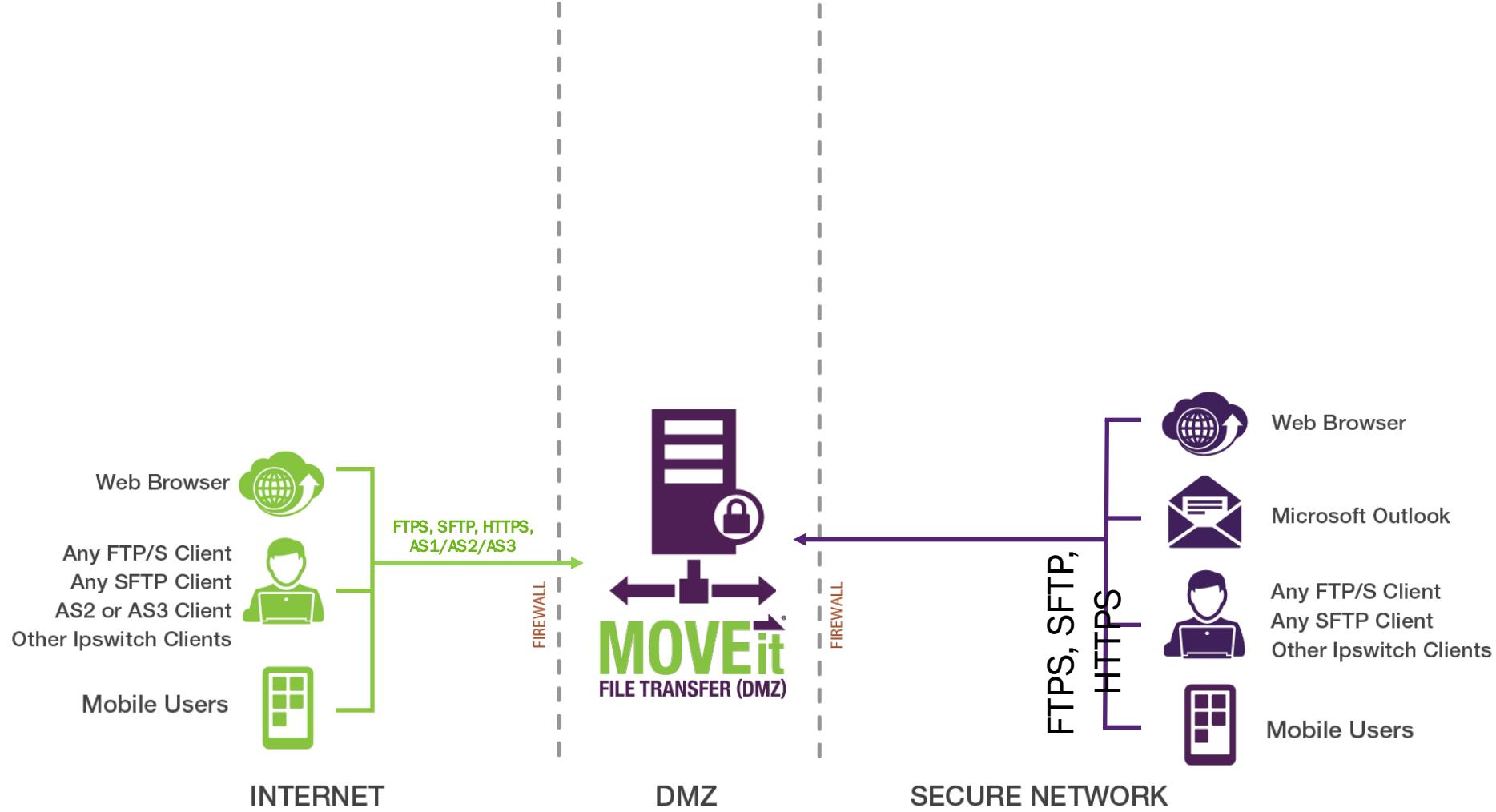
*Partner integration: secure external access or automated push*



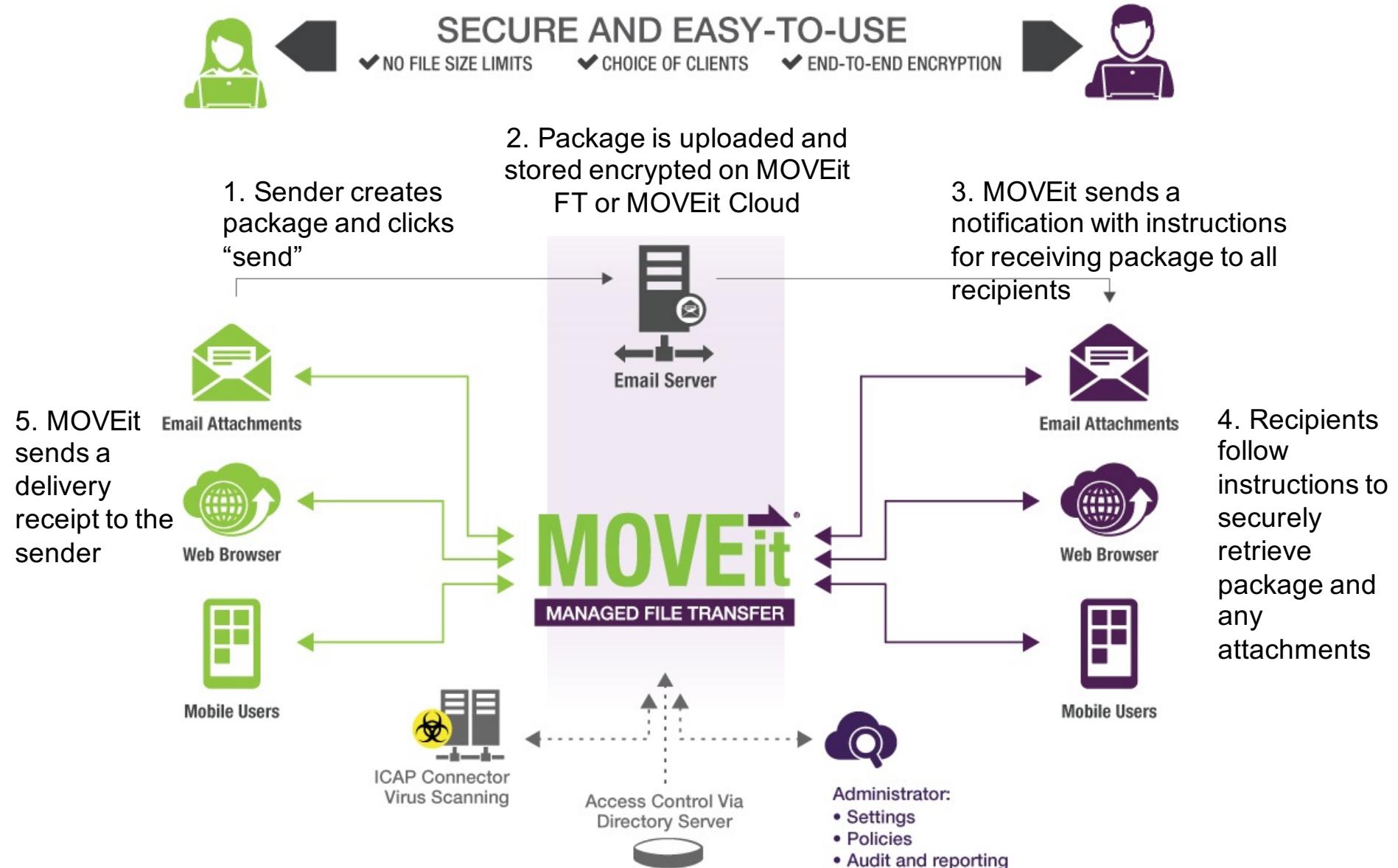
## Detailed Architecture Diagram - Automation



## Detailed Architecture Diagram – FT Server



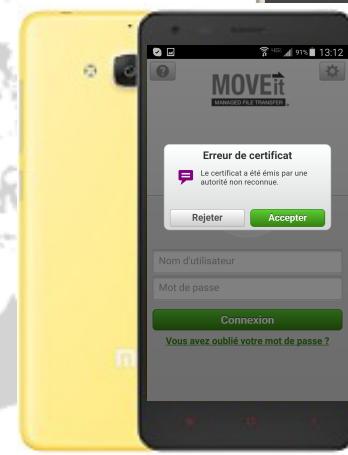
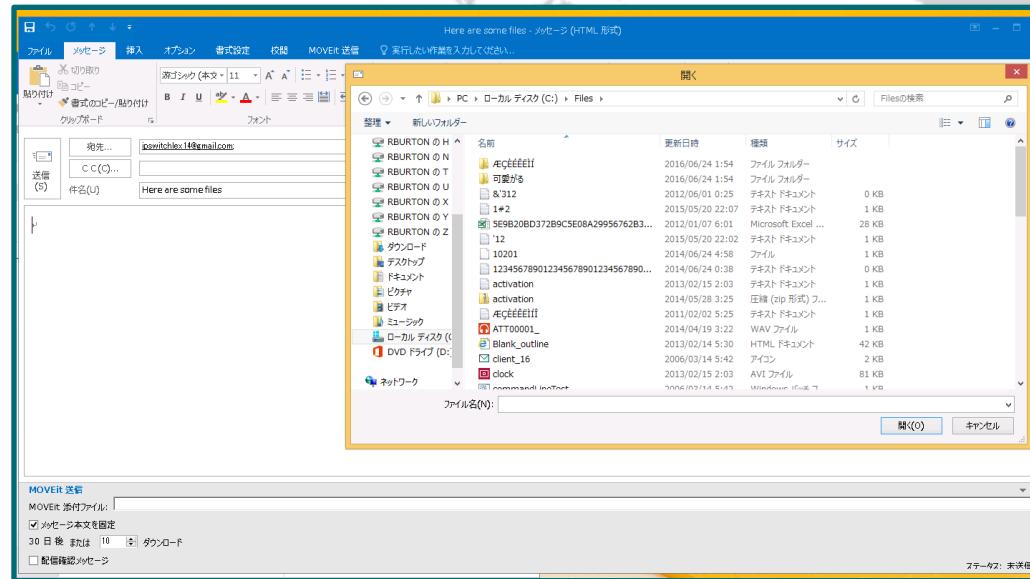
# Secure and easy-to-use with IT visibility and control



# End User Interface Language Support

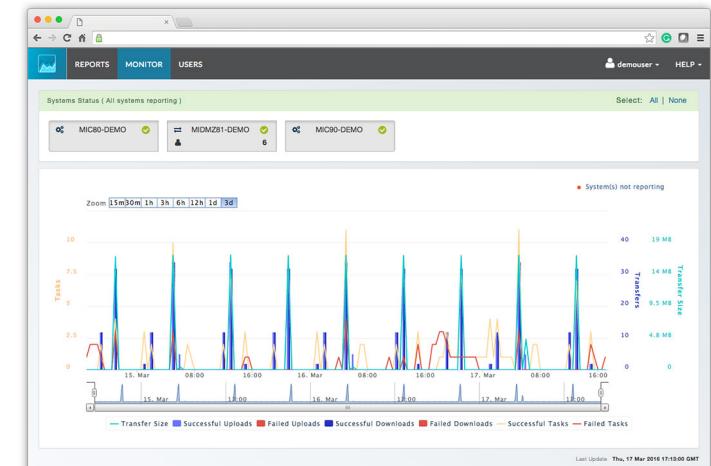
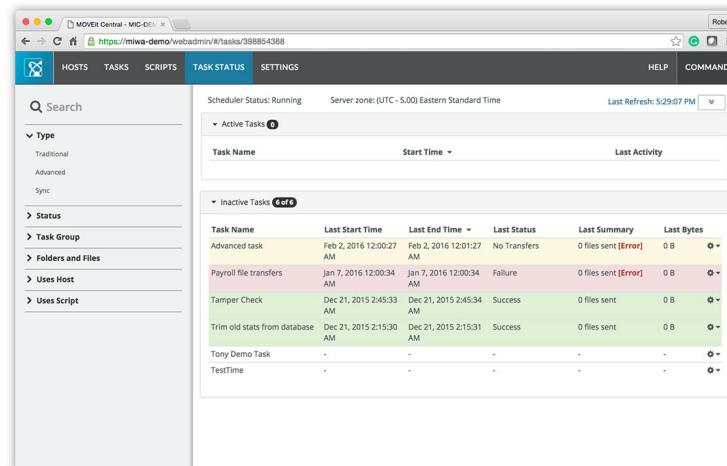
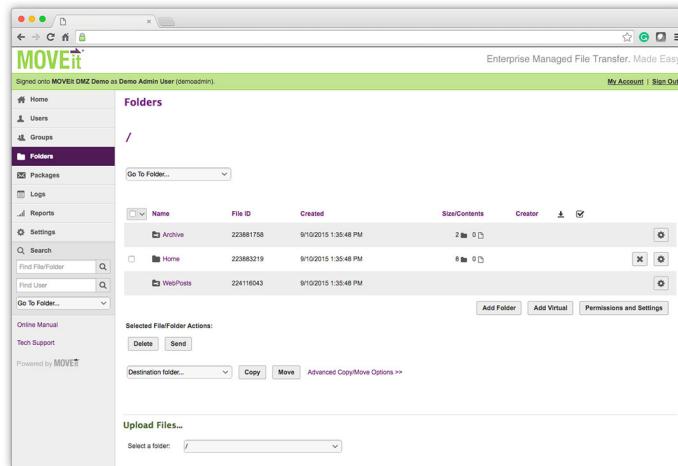
MOVEit Ad Hoc Transfer  
Plug-in for Outlook

MOVEit Transfer  
Mobile



# Single Solution to Securely Manage File Transfers

**ipswitch**  
MOVEit  
MFT COMPLETE



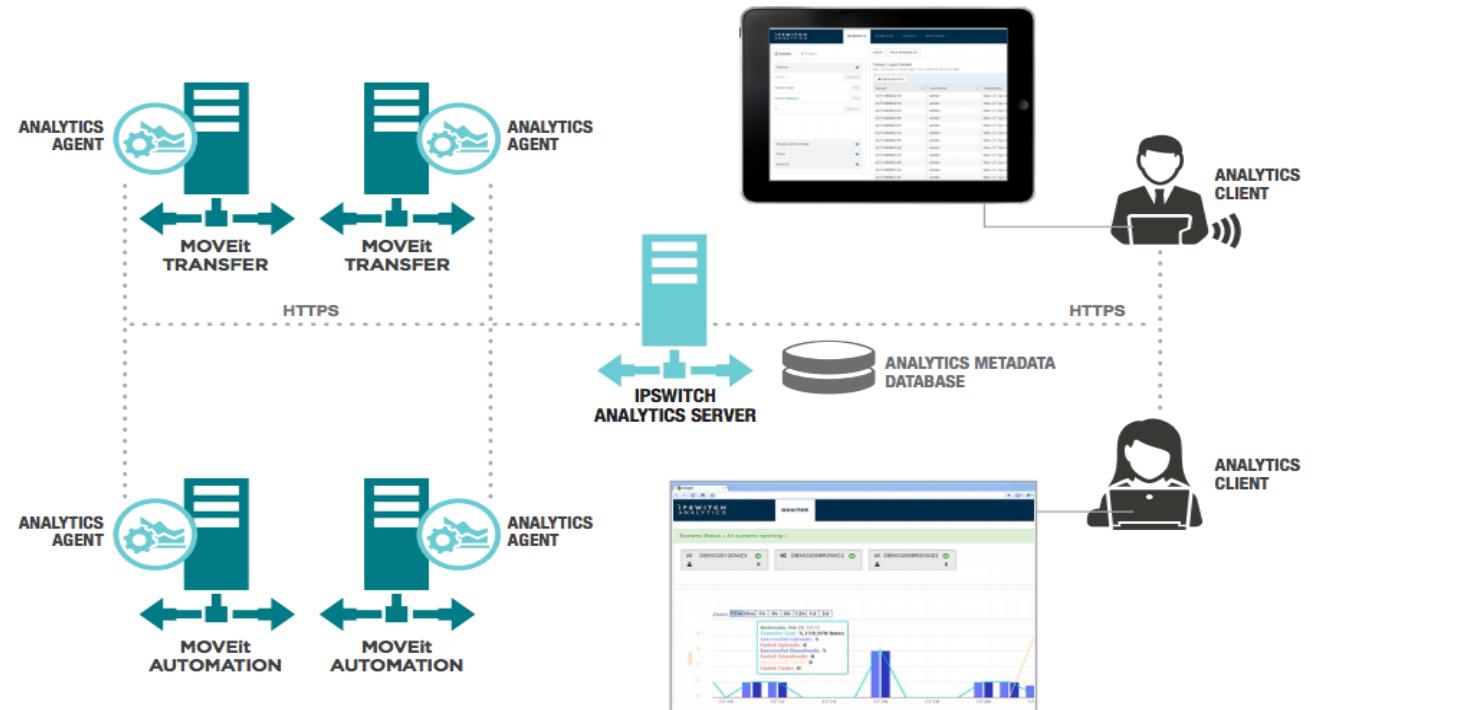
**ipswitch**  
MOVEit  
TRANSFER

**ipswitch**  
MOVEit  
AUTOMATION

**ipswitch**  
ANALYTICS

# Architecture & Components

**ipswitch**  
ANALYTICS



Agent

HTTPS

Analytics Server

Client



- Lightweight agent install on same server as MOVEit
- Minimal impact on MOVEit processing
- Consolidated reporting metadata
- Secure webserver
- HTML5 Browser UI
- Easy to use analytics & reporting
- Create, publish, and share

# File Transfer Affects the Bottom Line



## REDUCING RISK

Security and compliance incidents increased **4%** year-over-year



## IMPROVING EFFICIENCY

Errors / Exceptions / Problems affected

**4-5%**

of all annual file transfer volume



## LOW COSTS

Average time to correct errors / problems related to file transfer:

**4-5 hours**

PER INCIDENT

# 同場加映

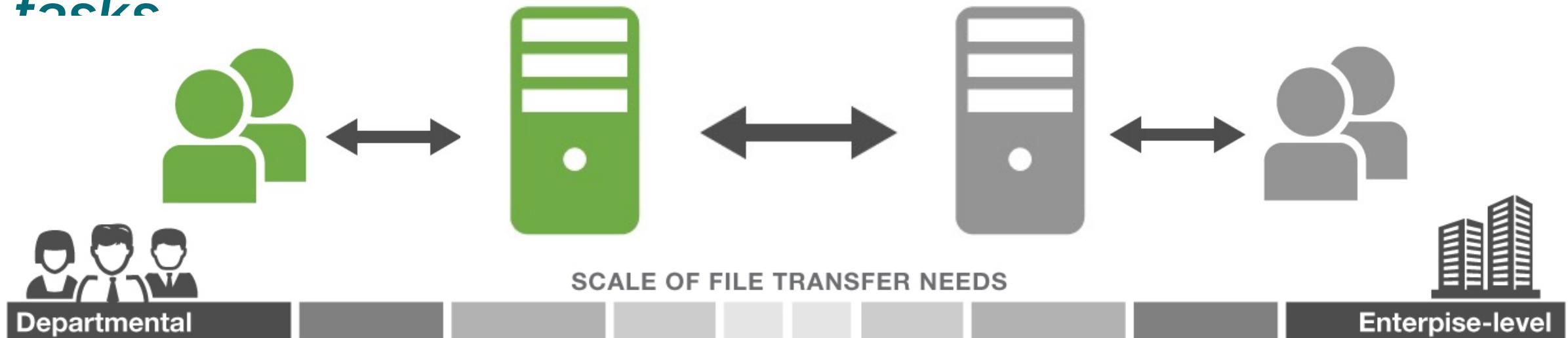
## 客戶實例分享

產業：大賣場

要求：解決複雜系統與分店  
之間的中繼資料交換

# Use Case

*The retail business relies on thousands of file transfer tasks.*



1000+ 分店

營業資料每天傳回總部(txt;csv;dat...)

安全機密的檔案傳輸

檔案遺失不可讀取

LOG、報表、通知

高可用性

檔案系統加密

PCI-DSS法規要求

自動化檔案交換中心

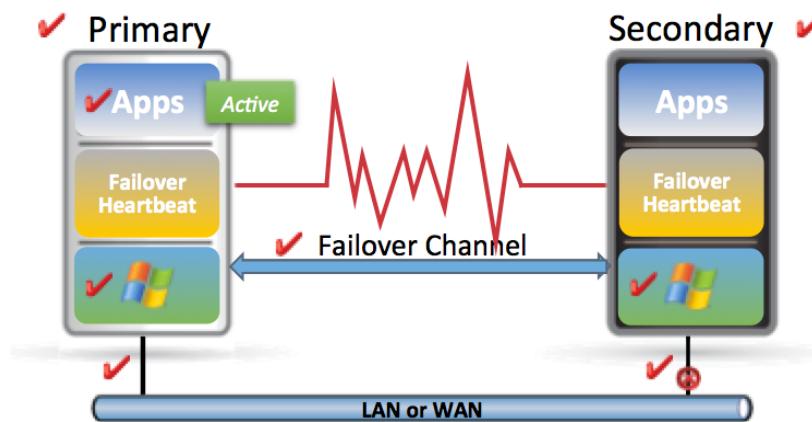
附加Cloud Storage功能

# Scalable and Reliable

Zero Downtime  
No more batch



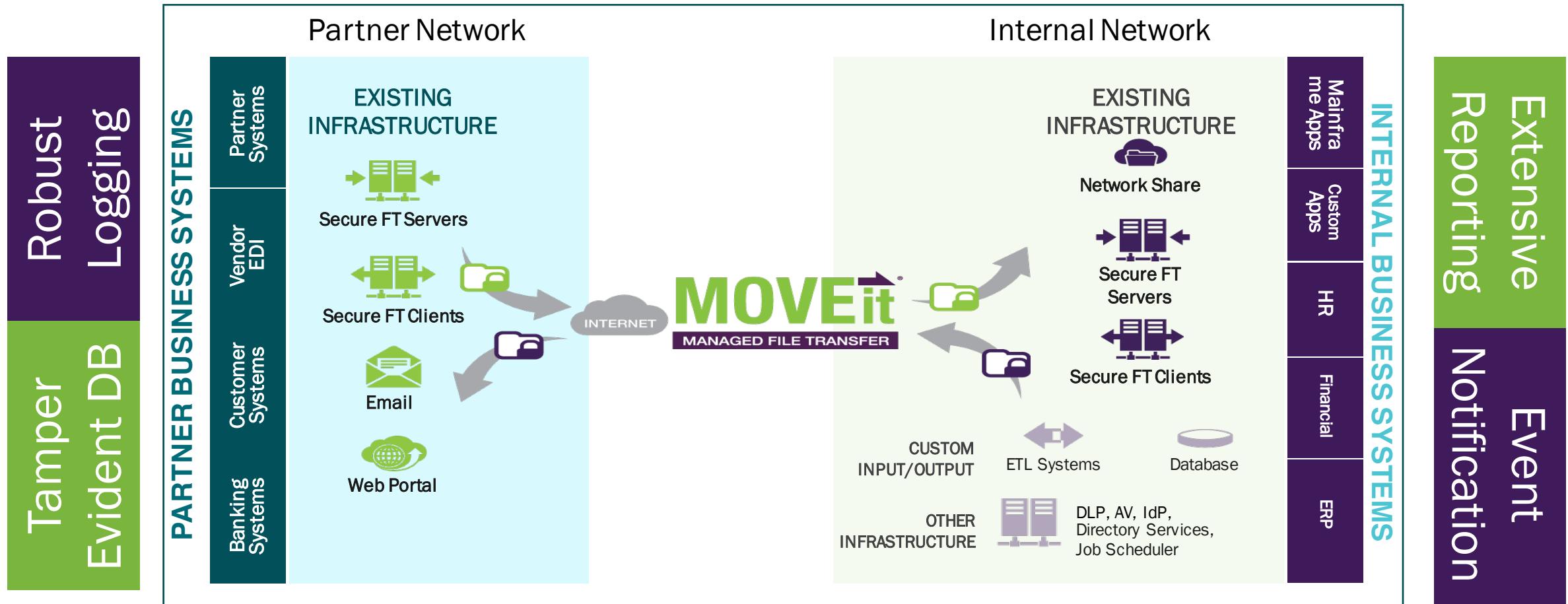
Assured Reliability  
Auto verification



No Data Loss  
Compliance



# 容易使用與佈署的架構



# Robust Log Files and Extensive Reporting

**Filter Logs...**

Date:  Display only log entries within this date range:

Start Date/Time: 2014  Apr  1  12  00  AM

End Date/Time: 2014  Apr  1  11  59  PM  All Day

Action:

User: By Username:   
By Full Name:   
*(Deleted users are indicated by italic font)*

Username Contains:

File: FileID Contains:   
FileName Contains:

Size: Comparison:  Size (kb):

Folder: FolderPath Contains:

IP Address: Contains:

Agent Brand: Contains:

Success/Failure:

**Apply Filters**

**Logs**

[Customize View](#) [Edit Filter](#) [Favorite Filters](#) [Save Current View To Favorites](#)

Current Filter(s): Date is between 4/1/2014 12:00:00 AM and 4/1/2014 11:59:00 PM

**Log Entries**

Date and Time	Action	User Full Name	File Name	File ID	Folder Name	IP Address
4/1/2014 1:46:09 PM	Add Entry to Group Address Book	kristina				192.168.150.233
4/1/2014 1:46:09 PM	Add Entry to Group Address Book	kristina				192.168.150.233
4/1/2014 1:46:06 PM	Add Entry to Group Address Book	kristina				192.168.150.233
4/1/2014 1:45:07 PM	Add Permission for a Group to Folder	kristina			/WebPosts	192.168.150.233
4/1/2014 1:44:56 PM	Add Permission for a Group to Folder	kristina			/Archive	192.168.150.233
4/1/2014 1:44:41 PM	Add Group	kristina				192.168.150.233
4/1/2014 1:43:46 PM	Add Permission for a Group to Folder	kristina			/Home/February	192.168.150.233
4/1/2014 1:43:39 PM	Disable Inherit Permissions From Parent for Folder	kristina			/Home/February	192.168.150.233
4/1/2014 1:42:43 PM	Add Folder	kristina			/Home/February	192.168.150.233
4/1/2014 1:42:34 PM	Add Folder	kristina			/Home/January	192.168.150.233
4/1/2014 1:34:45 PM	Add Group Member	kristina				192.168.150.233
4/1/2014 1:34:40 PM	Add Group Member	kristina				192.168.150.233

Page 1 of 5 (Log Entries 1 to 12 of 56 total)

Go to Page: First | Prev |  | Next | Last

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HOSTS

TASKS

SCRIPTS

TASK STATUS

SETTINGS



miadmin

HELP

COMMANDS

Search

## ▼ Type

Traditional

Advanced

Sync

## ➤ Status

## ➤ Task Group

## ➤ Folders and Files

## ➤ Uses Host

## ➤ Uses Script

## Tasks (7)

Bulk Actions

Add Task

Sort by

Name

Type

Status

## Branch India to SGP

Traditional

Incomplete

## Branch Malay to SGP

Traditional

Incomplete

## Tamper Check

Traditional

Enabled

## Task 1

Traditional

Unscheduled

## Task 2

Traditional

Incomplete

## Task 3

Traditional

Incomplete

## Trim old stats from database

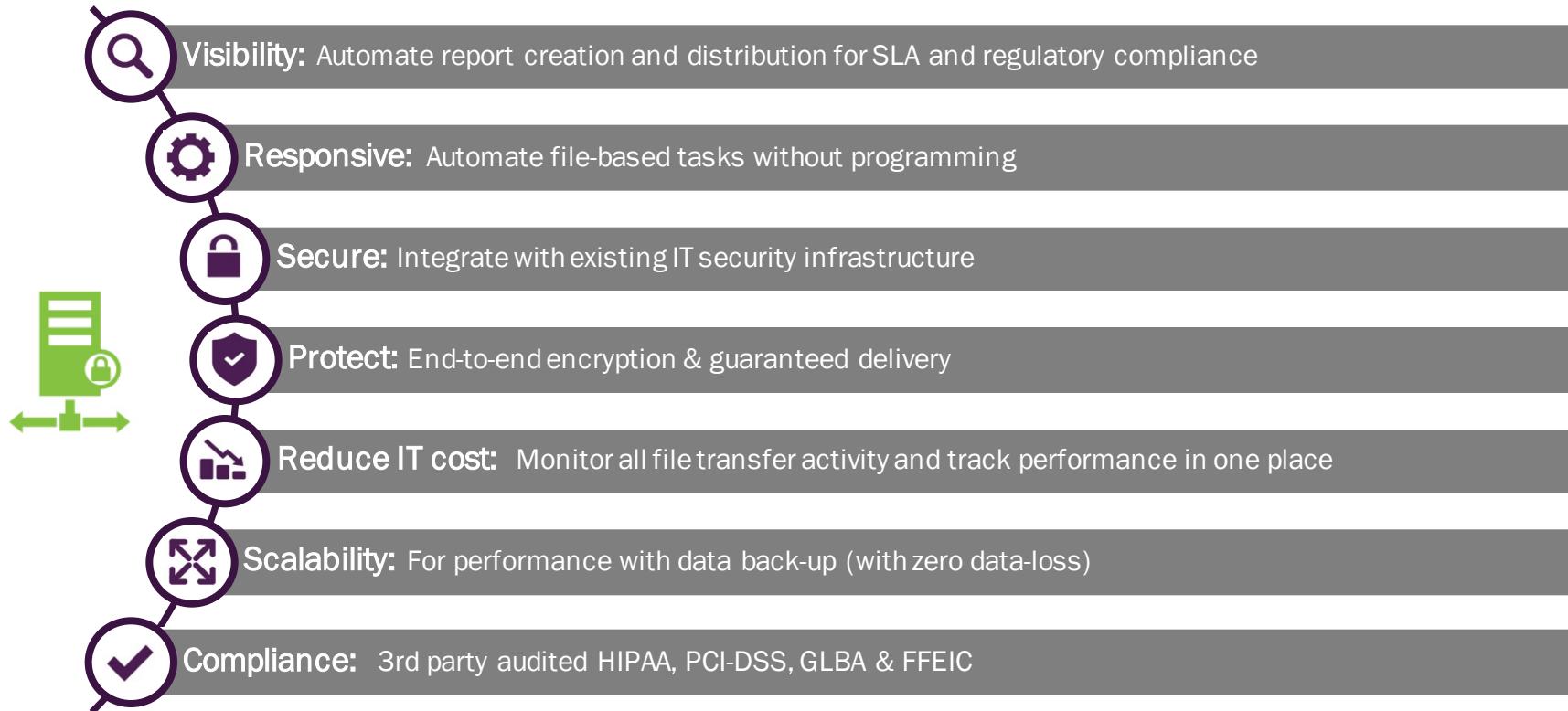
This task trims the statistics database periodically.

Traditional

Enabled

# MOVEit File Transfer: Advantages

**ipswitch > MOVEit**



工商服務

WhatsUp Gold 2017

# WhatsUp Gold 2017

➤ Proactively monitor with intuitive dashboards and workflows

