



**eBook**  
Security

# Peace of Mind in the Cloud

**Voltage SecureMail and Office 365**

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# Email Remains the Dominant Collaboration Platform for Corporations

Despite the growth of file sharing and instant messaging platforms, email remains the leading form of communication in the enterprise.

The average user sends a median of 30 emails and receives a median of 100 and spends more than 150 minutes per day doing work in email. That adds up to an average of 2.5 hours a day working in email. In addition, 98% of the bits that flow through a typical corporate email system are attachments.<sup>1</sup>

Clearly, email is the environment in which much of our business takes place and is still the collaboration platform of choice.



**30** emails

The average user sends a median of 30 emails

**150** minutes

The average user spends minutes per day doing work in email

**98%**

of the bits that flow through a typical corporate email system are attachments.

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<sup>1</sup> Osterman Research survey data

# But Email Remains One of the Most Vulnerable Systems in IT

Cyber attackers are well aware of email's continued prevalence. From Oct. 2013 through Feb. 2016, law enforcement received reports from more than 17,000 victims of business email scams, exposing companies to losses estimated in \$2.3 billion. And since 2015, the FBI has seen a 270% increase in victims and losses.

From an IT perspective, this means that email infrastructure is in constant need of protection. Failure can put companies at risk for losses measured in the millions of dollars.



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**“Email is the preferred channel to launch advanced targeted attacks.”<sup>2</sup>**

Gartner

From Oct. 2013 through Feb. 2016<sup>3</sup>

**17,000**victims

Law enforcement received reports from more than 17,000 victims

**\$2.3**billion

Losses being exposed

Since 2015

**270%**

Increase in victims and losses

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<sup>2</sup> Gartner, Inc., “Magic Quadrant for Secure Email Gateways,” by Peter Firstbrook and Bryan Lowans, 2 July 2013

<sup>3</sup> Federal Bureau of Investigations press release: “FBI Warns of Dramatic Increase in Business E-Mail Scams”, April 04, 2016



## Enter Microsoft Office 365

Microsoft Office 365 is a highly capable bundle of email, calendaring, scheduling, task management, desktop productivity, telephony, real-time communications, and collaboration tools. All based on Microsoft servers “in the cloud.”

Users can tailor it to their specific requirements, including customizations for specific user groups within the organization. All of this can mitigate the upfront costs of deploying new or upgraded messaging systems, reduce ongoing costs by minimizing IT labor requirements, and cut out future upgrade and migration challenges.



Performance



Low cost



Easy migration



Upgrades

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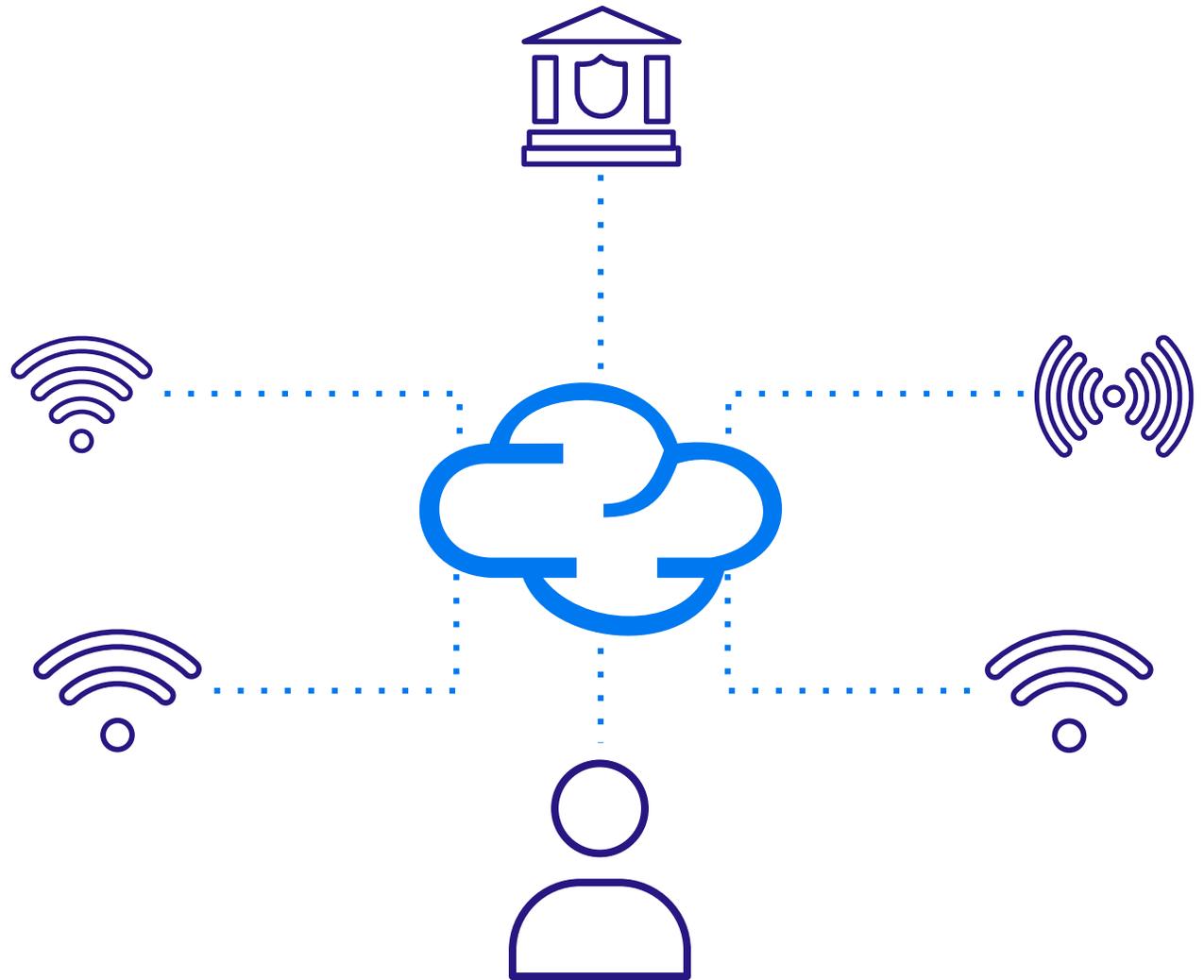
But with increased convenience come increased concerns about combining vulnerable email systems with cloud-based platforms, however secure they may be.

# The Cloud Adds a New Set of Security Concerns about Email and Sensitive Data

Cloud-based systems provide a wealth of resources to organizations large and small, but they come with important challenges, especially in terms of security and handling sensitive data.

IT security professionals should ask several questions of any Office 365 deployment:

- Are built-in security and encryption capabilities enough?
- Should all emails and files be encrypted before they reach the cloud?
- Is there a need for better usability?
- Is there a need for more flexible implementation options?
- Do companies need to own their encryption keys?



# Forrester Research Weighs in

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## 1 Encrypt Emails Before Reaching Office 365.

“While Office 365 provides many financial and operating benefits, it raises several security challenges...”

“...encryption solutions can encrypt emails before they’re stored in the Microsoft cloud and give S&R pros control of the encryption keys.”

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**Kelley Mak**  
**Analyst—Security & Risk**  
Brief: Five Key Capabilities for  
Microsoft Office 365  
Email Security,  
July 29, 2016

## 2 End-to-End Encryption is a Must.

“Data, while in transit or at rest, needs to stay protected. Select an encryption solution that provides full lifecycle data protection, regardless if accessed internally, externally, or through a mobile device.”

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## Voltage SecureMail and Office 365: Peace of Mind in the Cloud

Voltage SecureMail is a natural fit for Office 365, enhancing its security, privacy, and usability capabilities.

- Voltage SecureMail enables end-to-end data protection, full privacy, and confidentiality on Office 365. Only your organization has access to the decrypted data.
- Voltage SecureMail adds multiple usability features that make encryption easy to use. In addition, it provides a full-featured solution to protect collaboration in the cloud.
- Voltage SecureMail offers flexible deployment options—in the cloud, on-premise, or on a hybrid model that allows organizations to migrate to the cloud at their own speed and convenience.



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**By encrypting emails when generated on desktop, mobile or web, Voltage SecureMail eliminates privacy and security concerns, because all content is encrypted end-to-end before reaching the Office 365 cloud.**

## **Voltage SecureMail: End-to-End Encryption and Full Privacy in the Cloud**

Voltage SecureMail provides corporations with end-to-end encryption of all emails and files. This means encryption of individual emails and files from their point of origin—no matter what device type they originate from—all the way along their lifecycle, without any air gaps. That means all internal and external emails can be protected even from internal admins.

And that offers complete privacy control (even from Microsoft) by encrypting emails before they get to Office 365 servers.

# Voltage SecureMail: Just Click “Send Secure”

Voltage SecureMail client software adds a simple “Send secure” button to send encrypted email from most devices. The Voltage SecureMail mobile app is compatible with most mobile operating systems. The desktop plug-in adds an encryption button to outlook and all office apps. And the web interface enables customers and recipients to view secure email on any device.



## Mobile

Native user experience for smartphones and tablets



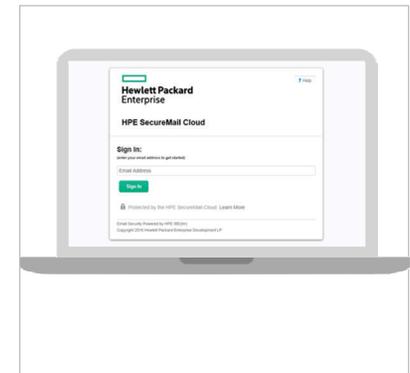
## Desktop

Easy-to-use “Secure” buttons within apps



## Web

Simple HTML message, easy sign-on, full Mac support



# Voltage SecureMail: A Complete Set of Compliance, Collaboration, and Productivity Features

All features needed to transition from paper to electronic communication



## Secure File Collaboration

The SecureFile feature encrypts files for cloud collaboration, independent if they are sent via email or not. Users define who can open or edit any sensitive file for full security on cloud collaboration



## Large Attachments

SecureMail Large Attachments maximizes deliverability by avoiding file size restrictions. Attachments exceeding size limit are removed from the message, encrypted, and delivered via a download link.



## eDiscovery Compliance Tool

SecureMail eDiscovery decrypts all secure email to facilitate easy indexing and full text searches of pst files and archived emails.



## Integration APIs

SecureMail Application Edition uses RESTful API to protect email from different applications and websites that generate, store, and use email.



## Secure Statements

The SecureMail Statements Edition securely delivers automatically-generated invoices, account information, and other electronic statements automatically generated.



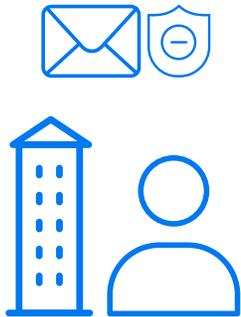
## Good Dynamics Add-On

SecureMail for Good Dynamics simplify regulation compliance, user experience, and management for enterprises leveraging the Good Dynamics MDM platform.

# Voltage SecureMail: Flexible Deployment Options

Voltage SecureMail comes in several versions to accommodate the varied needs of customers.

## Voltage SecureMail On-Premises



- **Voltage SecureMail On-Premises** is usually deployed by major corporations and companies that want to retain the management of their keys and encryption solution.

## Voltage SecureMail Cloud



- **Voltage SecureMail cloud version** is usually preferred by smaller corporations or those that do not want to manage keys themselves.

## Hybrid Deployments



- **Hybrid deployments** have been preferred by some customers to enable some aspects of the solution to be on-premises (for example, the key server) and others to be based in the cloud. Customers can also migrate from one case to another.



## Customer Use Case: Top Global Credit Card Company

Encrypt all email before it reaches Microsoft Office 365

### Description:

This customer, one of the top global credit card companies with operations spread in several continents was very excited about the possibilities collaboration in the cloud could offer their geographically dispersed employees. But, they were also concerned about the privacy and security of their internal and external e-mails and files transiting or stored in the cloud.

### Challenge:

- They wanted to have no sensitive data unencrypted in the cloud.
- They wanted end to end security for all internal and external e-mails.
- They wanted an easy to use “send-secure” button.

### Solution: Voltage SecureMail

We gave them “peace of mind in the cloud” by deploying Voltage SecureMail to encrypt all sensitive e-mails and files before they reached the cloud. We replaced legacy e-mails encryption solutions which were hard to use and to manage and added a simple “send secure” button to their e-mail clients. This solution is now used by tens of thousands of employees and millions of external recipients.



## Customer Use Case: Regional Law Firm

Secure collaboration in the cloud

### Description:

A large regional law office wanted to collaborate in the cloud using Office 365, but they were concerned about having sensitive data and files in the cloud. They were also not happy with their built-in encryption solution and the fact that Office 365 would own and manage the keys.

### Challenge:

- Collaborate securely in the cloud
- Own and manage the keys for complete security
- Define rules for who could open and edit files

### Solution: Voltage SecureMail with SecureFile

This customer added Voltage Securemail with the SecureFile feature to encrypt files when generated on the desktop by simply clicking an “encrypt” button on office applications. Using SecureFile, the users are able to define who can view or edit the file so that only those people can open or edit the file on Office 365, dropbox and other cloud tools. With Voltage SecureMail, the customer owns and manages the keys for complete security in cloud collaboration.

## Who trusts Voltage SecureMail?

Thousands of enterprise and midsize businesses including...

**2** of the top **3**  
US Banks

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**2** of the top **4**  
European Banks

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**2** of the top **4**  
Health Insurers

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Plus top insurance companies, airlines, telecoms and many others



## Voltage SecureMail: The Most Widely Deployed Email Encryption Solution

Voltage SecureMail is the most widely deployed email encryption solution in the world. We have more than 75 million users worldwide across thousands of enterprise and midsize businesses. These customers cover financial, health care, insurance, and other highly regulated industries.



## Voltage SecureMail: A Natural Fit for the Office 365 Transition

Voltage SecureMail is a natural fit for companies transitioning to Office 365, enabling a wide variety of use cases and functionality:

- **End-to-end protection for internal and external email**
- **Protection for files used in cloud collaboration**
- **Simple user experience: desktop, mobile, and web**
- **Flexible cloud, on-premises, and hybrid deployment**
- **Robust compliance, productivity, and collaboration features**

Contact us today to learn more about how Voltage SecureMail can enable your Office 365 use case.

## Learn More At

- Voltage [SecureMail for Office 365](#)
- Voltage [SecureMail add-ons](#)
- Voltage [SecureMail Cloud](#)
- [Sign-up for a free trial of Voltage SecureMail](#)

Additional contact information and office locations: [microfocus.com/about/contact](https://microfocus.com/about/contact)