



PERSPECTIVE

## Why GigaCloud™?

by Scott Arbeit, Chief Cloud Architect, GigaTrust

### **2017... a whole new world of security.** **In today's IT landscape, security is Job #1.**

As a 25-year veteran of IT, I've seen the **evolution of threats**, from viruses on floppy disks to Slammer to well-funded criminal and state-level actors conducting corporate espionage.

I've seen the **changes in security products** over the years, from desktop anti-virus to reverse proxies with inspection of today's cloud access security brokers (CASBs) watching on the perimeter.

And I've seen the **evolution of roles** in IT departments trying to deal with all of it.

If there's anything I've learned over these years, it's this:

### ***No single vendor has all the answers, and no single product covers everything.***

It takes a **comprehensive, multi-perspective view** of your security landscape to find the right pieces to put in place to protect every part of your organization. Today, it can take firewalls, CASBs, cloud RBAC policies, web traffic and email inspection, ongoing penetration testing, and more to cover everything.

As you plan and evolve your security stance, you need to think through your approach to protecting **different kinds of infrastructures**, and **different kinds of data**. When you do, near the top of your list of corporate assets to protect will, no doubt, be **email and documents**.

### **Today, you must secure your email and documents.**

For a modern organization, email and documents are the lifeblood of how employees communicate, both **with each other, and with your partners**. Your email and documents contain information about what you've done, what you're doing, and what you're planning to do. They contain your perspectives on your customers and competitors, and hold information necessary to comply with legal requirements. They can contain **private and personally identifiable information**, information that might leave your organization liable for damages in the event of a breach.

In the past, document leaks appeared in the tech press, and, if they were big enough, in the business pages. Today, they appear on the **front pages of every newspaper** around the world. Everyone is aware now of the threat of losing control of the email and documents used to run an organization, and that means attackers are aware, more than ever, of their value. Having your documents sit unencrypted behind your firewall is **no longer enough** to be sure that you're protected in the event of a breach. And sending them unencrypted to your partners means losing control of them.

You need to have document protection built into your security strategy. Whatever product you choose for it, you need **control** over it, you need **reporting and eventing** from it, and most importantly, you need it to be **secure**.

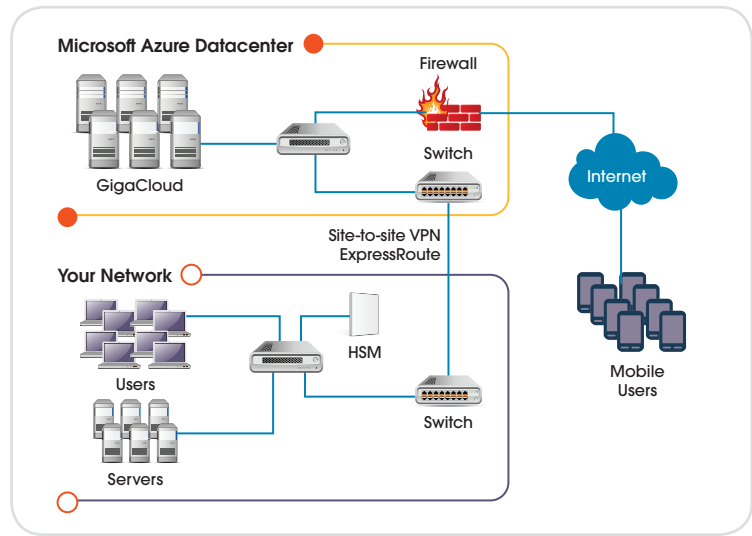
### **This is why we built GigaCloud.**

Adding GigaCloud to your security infrastructure is the best solution for protecting your email and documents. GigaCloud is based on the GigaTrust™ flagship Enterprise Plus product. For years, GigaTrust Enterprise Plus has been

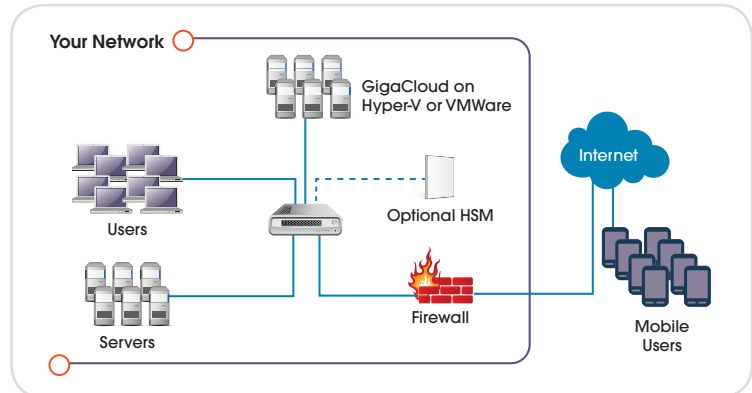
the leading product for in-use protection for large organizations around the world. Building on the protection provided by Microsoft's Active Directory Rights Management Services, GigaTrust Enterprise Plus extends protection beyond Microsoft Office documents and protects PDFs, images, and even .txt files. With GigaCloud, we can now deliver the same high level of email and document protection to your organization, in the way that best suits you. We offer GigaCloud in multiple configurations:

- A virtual appliance, behind your firewall, on either Hyper-V or VMWare
- A virtual appliance, behind your firewall, deployed on Microsoft Azure Stack
- A virtual appliance deployed in the public cloud on Microsoft Azure
- A fully managed, dedicated SaaS implementation, for larger organizations
- A fully managed, multi-tenant SaaS offering, for smaller organizations

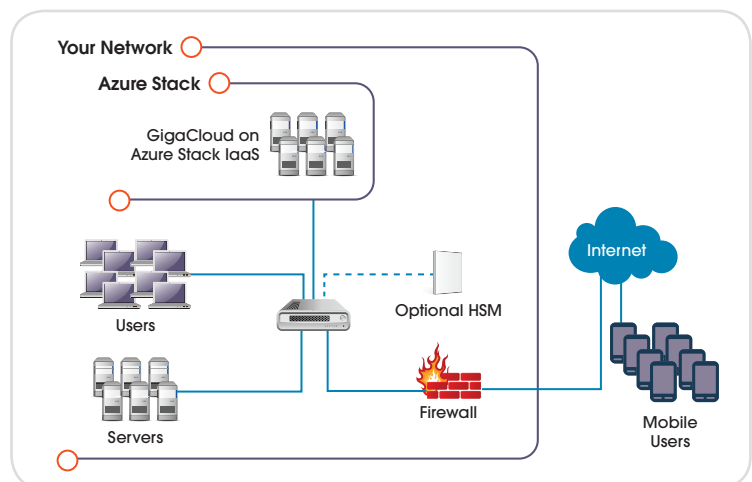
For instance, GigaCloud might fit your needs as a virtual appliance deployed to Microsoft Azure, within your own Azure Subscription, connected using an optional site-to-site VPN, as shown here:



Or maybe you'll want to keep everything behind your firewall, with an optional HSM:



Or you may be looking to use Azure Stack when it's available:



No matter which configuration you choose, GigaCloud protects your email and documents in the way that you want and need.

### **We protect on Windows.**

GigaCloud Desktop Client is our endpoint security product for Windows. The Desktop Client allows users to protect and encrypt documents, using both policy templates created by administrators, and templates created by individual users and groups. Email and documents can be protected individually or by folder, and that protection remains with the document, even if it's shared on the Internet, or copied onto a thumb drive.

With GigaCloud Desktop Client, you and your users remain in control of your documents. If permissions need to be updated or revoked, GigaCloud Desktop Client enables those changes, instantly.

GigaCloud Desktop Client also enables the opening of protected files — Office documents, images, PDFs, and other formats — directly on your Windows computer. We integrate directly into applications like Adobe Acrobat Reader, Microsoft Paint, and even Notepad.

GigaCloud Desktop Client also blocks over 250 screen capture/remote sharing programs from being launched with its blacklist support enabled for Office applications and non-Microsoft file formats.

With GigaCloud Desktop Client, administrators and end-users can establish rules that automatically apply policies, track users, and track documents, show all activity to administrators through reporting, and revoke access instantly if a file is delivered into the wrong hands.

### **We protect on iOS and Android.**

In the last few years, “Bring Your Own Device” (BYOD) has gone from something new that security and IT teams had to figure out, to normal operating procedure for organizations of all sizes. Today, your users expect that devices will be allowed to connect to work networks, and that they'll be able to open their content, even when it's protected.

GigaCloud for iOS and GigaCloud for Android let your users open protected email and documents on their mobile devices. Our mobile clients extend enterprise protection, allowing users to protect data at rest on devices.

Users can also encrypt and send content directly from their mobile devices, ensuring the same level of protection that they get on their desktop computers. Protected content can be shared, tracked, and rights can be revoked instantly.

Whether you install GigaCloud on-premises or in the cloud, our iOS and Android clients provide the flexibility and protection your users need on their mobile devices.

### **We protect in SharePoint.**

GigaTrust Protector in SharePoint runs on your SharePoint servers, protecting your documents automatically, with the same encryption and control that you get from our Desktop, iOS, and Android clients.

With our SharePoint protection, your documents are encrypted and protected before they leave SharePoint, according to rules and policies that you set. Documents from specific departments can be protected, or documents with specific high-value content.

### **We protect Exchange. We protect Office 365.**

Every organization is at a different stage in the journey to moving their operations to the public cloud. Some organizations have finished the move to Exchange Online and Office 365. Some are making the move right now, running pilots and moving users one group at a time. Many are still on Exchange, and won't or can't move for regulatory or business reasons.

No matter where you are on your cloud journey, GigaCloud can protect your email and documents. GigaCloud integrates with Exchange on-premises, Exchange Online in Microsoft Azure, and works in hybrid scenarios where your users are split between the two.

### **Protection is not just for administrators.**

Microsoft Active Directory Rights Management Services provide enterprise-wide policy templates that can be applied to email and documents, but once they're set, they're all you have. With GigaCloud, you can create policy templates at the enterprise level, the group level, and even your end-users can create their own policy templates when they share documents.

GigaCloud Desktop Client gives users the same options for template creation that administrators get. These policies can then be applied to a single document, or to an entire directory. They can be used in a single email, or for every email related to a specific project.

Whether protection is created at the enterprise, group, or user level, GigaCloud gives you the same features: extensive administrative reporting and eventing, instant revocation of rights, and tracking through every step of sharing your content.

## We've engineered GigaCloud to be robust and easy to deploy and manage, in whatever configuration best suits your organization.

### It's your GigaCloud.

We know that different organizations have different security requirements. Hybrid cloud is here to stay, and we're all at different places in the continuum between on-premises computing and public cloud computing. There's no one right solution. With this in mind, we've engineered GigaCloud to be robust and easy to deploy and manage, in whatever configuration best suits your organization.

### Are you still keeping things behind the firewall?

GigaCloud can be deployed as a virtual appliance on Hyper-V and VMWare, and we'll be supporting Azure Stack as soon as it ships. We provide deployment templates and use Windows Desired State Configuration to ensure a smooth and secure installation, every time.

**Are you extending the enterprise to the public cloud, but want a private instance of GigaCloud?** We'll be launching GigaCloud as a virtual appliance in the Microsoft Azure Marketplace in the first half of 2017. Just request a trial at [www.gigatrust.com](http://www.gigatrust.com) to try it out.

**Already used to buying software-as-a-service?** Use our fully managed GigaCloud offering to secure your organization, and let us run the servers for you.

### Trusted protection with Microsoft and GigaTrust.

GigaTrust is a Microsoft Partner, and has been working with Microsoft for over a decade to create the solutions we provide to organizations around the world. We continue to invest in our relationship with Microsoft, and in our best-in-class software.

### It's time to protect your documents.

In 2017, the world of security threats we face is more complex than ever before. Your firewall alone won't keep you safe. Your security policies alone won't keep your documents from leaking. The good intentions of your users are a comfort, but won't prevent sophisticated phishing attacks from succeeding, even in highly secure environments.

CASBs and other security products can help, but there's still no substitute for knowing that your email and documents are protected. GigaCloud is the best protection you can get for your email and documents, at rest, in transit and in use.

### Talk to us.

At GigaTrust, security is what we know. It's what we do. We stay aware of current threats, and we never stop improving what we build, just like you.

I'm not the only veteran here. Many of us have been around in technology for a long time. We know what it's like in IT, we've been there, and we want to help you achieve your security goals.

If you're new to email and document protection, if you're curious about how we can improve what you already have, or if you just want to ask a question, let us know. Find us on Twitter, LinkedIn, or [info@gigatrust.com](mailto:info@gigatrust.com).



## About GigaTrust

GigaTrust is a leading provider of endpoint security and document in-use protection for Windows, iOS and Android devices, offering fully managed SaaS solutions hosted in Microsoft Azure, as well as on-premises and hybrid cloud installations. GigaTrust is the largest and oldest provider that enhances and extends Microsoft's Rights Management Services (RMS) content security solution. Customers rely on GigaTrust's innovative next-generation content security technologies, combined with ease of use and deployment, to enable intellectual property protection and confidentiality.

The company's flagship offering, GigaCloud™, delivers secure email and document collaboration services anytime, anywhere, on virtually any device and any platform with real-time data analytics, reporting and administrative tools. It applies and enforces security permissions down to the digital content level, protecting content from misuse throughout the entire lifecycle—while in transit, at rest and, most importantly “in use,” even when opened by any permitted recipient. GigaCloud is available in a secure private cloud configuration for enterprises and government entities requiring added security features and administrative control. For more information about GigaTrust, visit [www.gigatrust.com](http://www.gigatrust.com).

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