How 128 Technology Helped a Healthcare Payments Company Create a Secure and Compliant SaaS Infrastructure for its Developers

The Challenge
Provide secure access for developers working on the back end of a health savings and flexible spending SaaS application while ensuring zero downtime for consumers accessing the front-end website to check their spending balances and credit card information.

The Background
In their work writing and modifying software code, developers require access to the back end of applications. When the user data they are working with involves sensitive health and financial details, protecting and ensuring the security of that information becomes imperative. Industry-specific compliance requirements and Federal regulations add another layer of complexity to this already critical issue.

The Solution
Built with baked-in security, the 128T Networking Platform addresses all of the SaaS company’s data protection needs while making it possible for developers to continue their work with zero customer downtime.

To maintain a high availability architecture while also supporting agile development, the SaaS provider hosts both production and non-production environments at various regional locations. With 128 Technology’s session-based solution, the company’s developers can securely access production environments on the customer-facing side, where customers come in and interact with the application, while test engineers and selected customers are able to access the non-production application.

The Technology in Action:
In addition to adhering to HIPAA privacy regulations and protecting important customer financial information with Zero Trust Security, the SaaS provider’s IT team is able to easily manage and audit access policies using the 128 Technology’s Session Smart™ Router. Now they are able to apply authorization policies to individual groups of services and tenants (application and service end-users) and manage them simply and effectively.

Session-based technology also allows easy provisioning and management of all routers located in Azure, the data centers, branches, and other locations with a consistent data model.

The Players

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<tr>
<th>Role</th>
<th>Description</th>
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<tr>
<td>SaaS Provider</td>
<td>A healthcare payments software-as-a-service company managing savings and flexible spending accounts for subscriber organizations</td>
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<tr>
<td>SaaS Customer</td>
<td>A company providing employees with health savings and flexible spending accounts as a benefit</td>
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<td>VAR</td>
<td>A technology reseller chosen by the SaaS provider to address the developer access problem</td>
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<tr>
<td>128 Technology</td>
<td>A provider of managed security solutions for SaaS organizations</td>
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The Goals:
- Enable Zero Trust Security across the SaaS platform, extending it from the customer data centers to the application hosted in the public cloud
- Create a reliable architecture for developers to work in
- Ensure high availability of the consumer application at all times
- Increase IT productivity by making security policies auditable and verifiable when provisioned across a hybrid infrastructure
The Benefits of Choosing the 128T Networking Platform

It's powerful – and comprehensive.
Eliminate expensive third-party processing stacks and virtual machines in the cloud and on-site and see over $100,000 annual savings.

It improves compliance.
Protect data with security policies that are easily auditable and verifiable, and can be provisioned across the hybrid infrastructure of public cloud and on-premises data centers.

It provides central policy management.
Utilize global policy management for more efficient IT.

SaaS Infrastructure

The Take-Away
128 Technology streamlines infrastructure for simpler policy management and more secure access for SaaS software development teams.

To learn more about how 128 Technology delivers managed security services and highly reliable SaaS infrastructure for service providers, visit www.128technology.com.

ABOUT 128 TECHNOLOGY
128 Technology makes your network do what your business needs, by changing the way networks work. Our professional grade software teaches routers the language of applications and services, letting them understand the requirements of individual services and segments, and adapt the network dynamically to deliver what the business needs, when and where it needs it. We make routers Session Smart®, enabling enterprise customers and service providers to create a service-centric fabric that’s more simple, agile, and secure, delivering better performance at a lower cost.