# Securing Data with a Private Digital Vault

## How to Protect the Most Sensitive Information in Your Organization

*SecureData 365 Case Study*

**365** SECUREDATA

## Introduction

In today's data-intense world, how do you secure personal, financial, GDPR or HIPAA data to protect your customers' sensitive information and keep yourself in compliance? Now you can avoid stolen data, lost customers, and even fines that can result from a cyber-attack, internal breech or non-compliance.

Eclypses™ has developed an innovative new, turnkey data protection solution that keeps all of your critical data under lock and key, mitigating the risk of a mass data breech. Eclypses' proprietary MicroToken Exchange™ (MTE) data security solutions protect sensitive data from a breach for files and field level data like social security numbers, credit card info, health records, and other sensitive information. The solution replaces hackable data with MicroTokens™ and stores the original data in an Eclypses Private Digital Vault to be recalled when needed without affecting the user experience.

Eclypses' data security solution currently protects sensitive payment information for multiple healthcare insurance exchanges for the Affordable Care Act, in select states, as well as securing command and control communication links for the US Military. The Eclypses cloud digital solution is now even more powerful with the release of its newest Private Digital Vault that eliminates both additional data risk via data transfer as well as latency concerns.

## KnowYourCustomers.com Success Story

Eclypses and SecureData 365, a leading data center operator, have implemented the newest version of the Private Digital Vault to deliver high performance and unparalleled security, resulting in a successful proof-of-concept for KnowYourCustomers.com.

KnowYourCustomers.com required assistance in protecting its data at a security level previously unattainable. Its database containing sensitive business information is attractive to hackers and unassailable data security is critical.

Taking an iterative approach, KnowYourCustomers.com first selected SecureData 365 as its data center due to its connectivity, security, and proximity. SecureData 365 partnered with Eclypses to strengthen data security for its clients by implementing the Private Digital Vault in their data centers. The combined SecureData 365 and Eclypses data security solution exceeds the new GDPR (General Data Protection Regulation) requirements for data storage.

While the SecureData 365 Canton data center hosts the Private Digital Vault and Eclypses' MicroToken solutions is deployed to eliminate vulnerabilities, integration was also needed to enable communication amongst disparate systems.

KnowYourCustomers.com brought in their partner Mesh Integration who specializes in connecting systems. Mesh used their knowledge of AI's to leverage the Apiant Integration Platform to build the connection between the Eclypses MTE Vault and the KnowYourCustomers.com database.

Apiants' proprietary API Integration Platform has the unique ability to allow multiple disparate systems communicate and exchange data. An on-premise enterprise version of the Apiant

platform was deployed at SecureData 365 to keep all the traffic between the Vault and database safely within the datacenter.

## Demonstrable Results

The Eclypses Private Digital Vault at SecureData 365 is a unique solution delivering unprecedented data security while partnered with Apiant and Mesh Integration to integrate every application. Eclypses MicroToken Exchange exceeds GDPR-compliant protection while the application and data vault reside under the same secure roof.

In this story, KnowYourCustomers.com's data, as well as its business and its clients' businesses, are safe and secure. The protection package includes:

1. SecureData 365's secure cloud environment: SSAE16 – SOC II – AICPA certified

2. MicroTokens are deployed to protect each and every sensitive data field by replacing the data and unidentifiable placeholders that are meaningless to hackers.

3. Each sensitive individual field that has been replaced with MicroTokens and stored in the Digital Vault is secured and encrypted individually with Eclypses' proprietary MicroEncryptionTM process.

The solution is seamless in terms of performance for KnowYourCustomers.com users. SecureData 365's ultra-fast connection allows MicroToken Exchange to retrieve the original data for just-in-time use and then return the data back to the Eclypses Private Digital Vault once completed.

The Eclypses Digital Vault and Apiant solution are now implemented at SecureData 365 and are currently available to all clients.

## About Eclypses

Eclypses' industry leading disruptive cybersecurity software replaces user data with MicroTokens™ using MicroEncryption® to provide the highest level of data privacy available with the company's patent pending MicroToken Exchange™ (MTE) technology.

Applications range from secure command and control needs, including Internet of Things (IoT), to secure storage and retrieval of sensitive data, such as credit card information and healthcare records. Eclypses' MicroToken Exchange technology is helping enterprises and government agencies protect their most sensitive and private information from cybercriminals cyber terrorists today.

Eclypses' MicroToken Exchange (MTE) software complies with the European Union's General Data Protection Regulation (GDPR). In addition, Eclypses' technology is certified as Payment Card Industry Data Security Standard Level 1 (PCI-DSS) and Health Insurance Portability and Accountability Act (HIPAA) compliant.

The Digital Safety Deposit Box of CertainSafe®, a business unit of Eclypses, has been selected as a 2018 Editors' Choice Product by PC Magazine (PCMag) for best encryption software. In

addition, the Digital Safety Deposit Box was designated as the most secure solution tested. The Digital Safety Deposit Box is an ultra-secure cloud-based service that makes it easy for businesses to securely store, access, and share valuable and private assets, and is built on Eclypses' cybersecurity software.

In recapping the coveted award, PCMag's Lead Analyst for Security Neil J. Rubenking writes, "When backing up your sensitive files to the cloud, CertainSafe Digital Safety Deposit Box emphasizes security over all else, but it doesn't sacrifice ease of use." Rubenking added that of all the solutions reviewed, "The Digital Safety Deposit Box has the most secure encryption software."

Located in Colorado Springs, Colorado, you can contact Eclypses at 719-323-6680 or via email at info@eclypses.com. Please visit us at www.eclypses.com and www.certainsafe.com.

## About SecureData 365

SecureData 365 is a premier, state-of-the-art data center operator with locations in Canton and Cleveland, Ohio. Designed from the ground-up to deliver unwavering power and connectivity thanks to multiple redundant systems, SecureData 365 offers the stability and reliability required by enterprise clients. The region's Fortune 2000 organizations are quickly recognizing that the unique combination of facility, people, and service offerings make SecureData 365 the preeminent choice for data center services in the Midwest. Visit SecureData online at www.securedata365.com.