

Calamu Protect™

# Revolutionary Data Protection

using auto-healing technology.

## Ransomware and Data Exfiltration Attacks are Surging.

Common data security technologies like encryption and backups alone do not solve the underlying cause of why cyber attackers can do so much damage. A data breach doesn't need to be a disastrous event.

**75%** of companies impacted by ransomware in 2020 were running up-to-date endpoint protection<sup>1</sup>

**16.2** days was the average cost in downtime from a ransomware attack in 2020<sup>2</sup>



### Introducing Calamu Protect™

Calamu Protect is a first-of-its-kind data protection platform that goes well beyond encryption and prevents the downtime and data loss incurred from a cyber attack. Our patented technology is born from the belief that **data should always be:**



Able to Withstand Any Data Breach



Valueless to Attackers



Globally Compliant

## How it Works

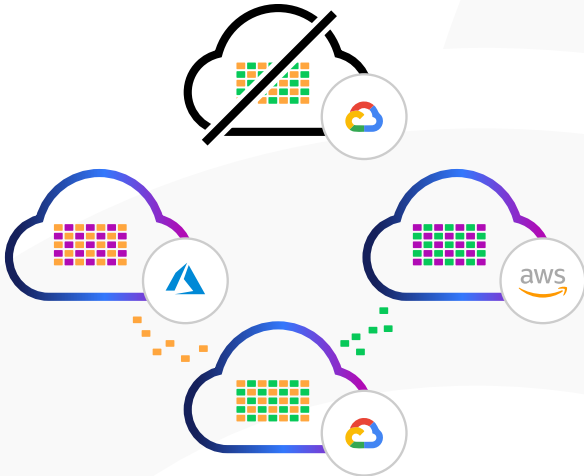
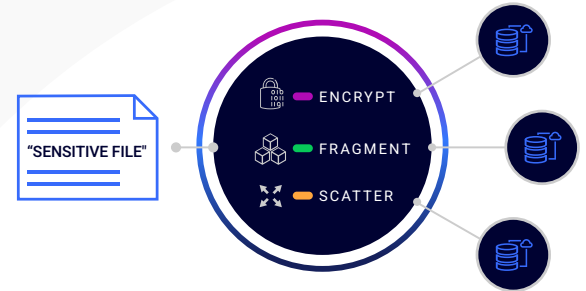
**Calamu Protect** forms a safe **data harbor** and protects data in a way that encryption and backups cannot. Data processed with Calamu becomes useless to a cyber attacker and can only be accessed by the rightful owner. And while the data is at rest, it is jurisdiction-independent which makes it compliant with many data privacy regulations.

Calamu Protect places data in a safe data harbor where it cannot be breached and is only accessible to the rightful owner.

1. Calamu Protect encrypts and fragments the data which is then scattered across multiple storage locations.
2. The data is immune to a data breach, auto-heals in the event of a ransomware attack, and is compliant with many data privacy regulations.
3. The data remains immediately accessible to the rightful owner.

### What is a Data Harbor?

A data harbor is a purposefully fragmented data architecture that stores fractional assets across a distributed environment, in a way that no single location has a complete file or is necessary to access a file. One can be configured using an array of storage locations across one or more cloud providers and/or private data centers.



## Data Becomes Auto-Healing

Calamu Protect is constantly monitoring the integrity of the data. If an anomaly is detected, the data *auto-heals instantly* utilizing subtle, built-in redundancies. Attackers get nothing but valueless fragments, and the environment is restored without costly data loss or downtime.

### Protection from:

- Ransomware
- Data Exfiltration
- Data Manipulation
- Data Loss
- Downtime
- Regulatory Fines
- Privacy Violations

## The Calamu Advantage

### Breach-Proof

Calamu is the only technology that can make your data immune to the consequences of a data breach.

### Resilient

Auto-healing technology ensures your data is able to withstand nearly any event including a ransomware attack.

### Globally Compliant

Calamu is the only technology that can make your data truly jurisdiction-independent for purposes of regulatory compliance.

### Private

No 3rd party can access your protected data, including public clouds (even if subpoenaed).

### High Performance

Advanced compression and patented processing ensures no significant performance impact.

### Easily Configured

Calamu's flexible architecture is compatible with any storage location, including private data centers and public clouds.

Works with major cloud providers and on-premises storage locations:



<sup>1</sup> Sophos | <sup>2</sup> Cybersecurity Ventures



Calamu was founded by experts in cyber security and data privacy with the mission of making the cyber world safer. Calamu eliminates the risk of a data breach or ransomware attack, and dramatically simplifies regulatory compliance requirements around data privacy and protection. For more information, visit [www.calamu.com](http://www.calamu.com) or contact [info@calamu.com](mailto:info@calamu.com).