

# Voltage File Analysis Suite—Private Cloud

Organizations look to understand their data and associated risk as they adapt to new challenges—IT modernization, shift to cloud, and data privacy regulations. Voltage File Analysis Suite finds, protects, and secures sensitive data at the center of these challenges.

## Voltage File Analysis Suite—Private Cloud at a Glance

### Support Data Residency

Deploy locally, leverage modern cloud stack for modern workloads

### Hybrid Platform for File Analysis

Support data discovery workloads across on premises and cloud repositories

### Fully Managed, Premium Service

Configured, connected, tested, launched, and patched by Micro Focus

## Data Privacy Driving the Need for Data Discovery

As data volumes continue to grow across the enterprise, many organizations are struggling with managing this growth and the presence of sensitive and personally identifiable information. Global data privacy regulations have further compounded the challenge. In this environment risk not only represents itself in how these types of data are used and protected by the business, but it also places significant risk on corporate reputation, brand and on potential data loss. Data discovery capabilities like Voltage File Analysis Suite was developed to respond to such challenges.

Voltage FAS is built on a modern microservices architecture built to scale to modern data discovery and data protection workloads. Voltage FAS supports public cloud and private cloud deployments.

## Petabyte Scale and Deep Analysis

Modern data discovery workloads, file analysis tasks and analysis techniques make manual

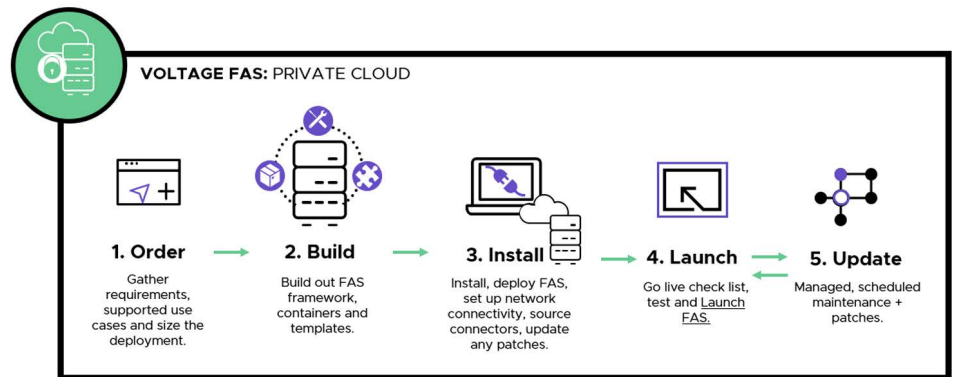
risk assessment nearly impossible. Voltage FAS provides deep content analysis and artificial intelligence, helping organizations wrangle their data, understand its value, and most importantly take protective actions on the high-value, highly sensitive and personal data your organization uses and has in its possession.

## Data Residency

Data privacy readiness and other data protection initiatives can be impacted by data residency concerns. In some cases, data must remain in region because of corporate mandates, regulatory requirements and other obligations (e.g., financial services, health science, energy). Voltage FAS in a private cloud allows for the same scale and depth of analysis as our public cloud offering, but provides the same capabilities running locally in your data center—ensuring your data remains in region and complies with any data residency requirements you may have.

## Data Minimization, Archival and Migration

During file analysis and data discovery activities there are opportunities to separate



the “wheat from the chaff.” A key activity during this process is identifying redundant, out of date and trivial data. This low value data can be easily deleted reducing risk and the cost associated with managing these low value data types. File analysis processes will also encounter critical datasets (contracts, HR-related documents, IP) that need to be managed by stricter regulatory policies and this data should be migrated or archived to a long-term repository for data preservation. Voltage FAS can ensure that low-value data is defensibly deleted, while ensuring sensitive and higher-value data can be migrated to a secure location or records repository for data lifecycle management.

### Voltage File Analysis Suite Architecture

The key advantage of the Voltage File Analysis Suite is its cloud-native architecture, and the containerized orchestration of the application environment and infrastructure components. This design allows for maximum capacity elasticity, security isolation, durability, and availability while minimizing total resource cost. These strengths are equally valuable in both a public cloud, multi-tenant implementation, as well as a single-tenant private cloud within a local data center.

FAS private cloud uses virtualization to break down key functional areas of the service for greater flexibility and easier maintenance. Virtualized templates or nodes cordon off functional areas of the infrastructure into isolated areas of the application for scaling, efficiency, performance, and redundancy. This approach also allows FAS to separate process intense tasks, such as database queries, indexing, data processing, and tagging, that need specific or dedicated resources. Virtualized nodes also improve flexibility and response time in the event of a hardware failure or a service going down. For example, if a service needs to be restarted, or a node rebuilt, the change or fix can be applied to the specific node reducing complexity and simplifying remediation of issues.

### Benefits of Private Cloud

#### Analyze and Process Data in Region

Voltage FAS securely analyses, processes and stores customer data locally, on premises. This helps organizations in highly regulated industries and/or those located in countries with data residency requirements.

#### Fully Managed Infrastructure

Voltage FAS is a fully managed service delivered and supported by Micro Focus or a local partner organization in region. Your Voltage FAS instance is built, delivered installed, and launched as a part of our services offering.

#### Stay up to Date on Current Releases and New Features

Voltage FAS Private Cloud managed service helps you reduce the time, and resources required to manage the IT infrastructure and stay current on future releases.

#### Scale up and Scale out

Voltage FAS Private Cloud allows you to take on multiple projects for data clean up, risk assessment, Subject Rights requests, and audits—scaling up and out as needed.

#### Private Cloud Managed Services

Voltage FAS Private Cloud includes a core set of managed services for implementation and rollout:

- Sizing and use case mapping to ensure hosting environment will meet hardware and software requirements
- Assemble and build out framework elements and templates and images
- Installation, deployment, network connectivity and connector deployment
- Go live checklist creation, testing and launch of Voltage FAS private cloud
- Kick-off workshop and end user training

As a part of the managed service FAS Private Cloud includes updates, maintenance, and patching. Private cloud environments are updated, maintained, and patched to the latest version of FAS on a scheduled basis (or when required for a hot fix or patch).

Learn more at

[www.microfocus.com/datadiscovery/](http://www.microfocus.com/datadiscovery/)

Contact us at [CyberRes.com](http://CyberRes.com)

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