

# FileCloud for ITAR Compliant File Sharing

white paper

FileCloud Server is a hyper-secure Enterprise File Sync and Sharing (EFSS) solution for ITAR and EAR regulated data.

# FileCloud for ITAR

## (International Traffic in Arms Regulations)

FileCloud for ITAR is a highly secure file management platform that offers file storage, access and data governance. Custom-tailored specifically for organizations who deal with ITAR and EAR regulated data, it offers multi-layer data security, governance and advanced record- keeping capabilities.

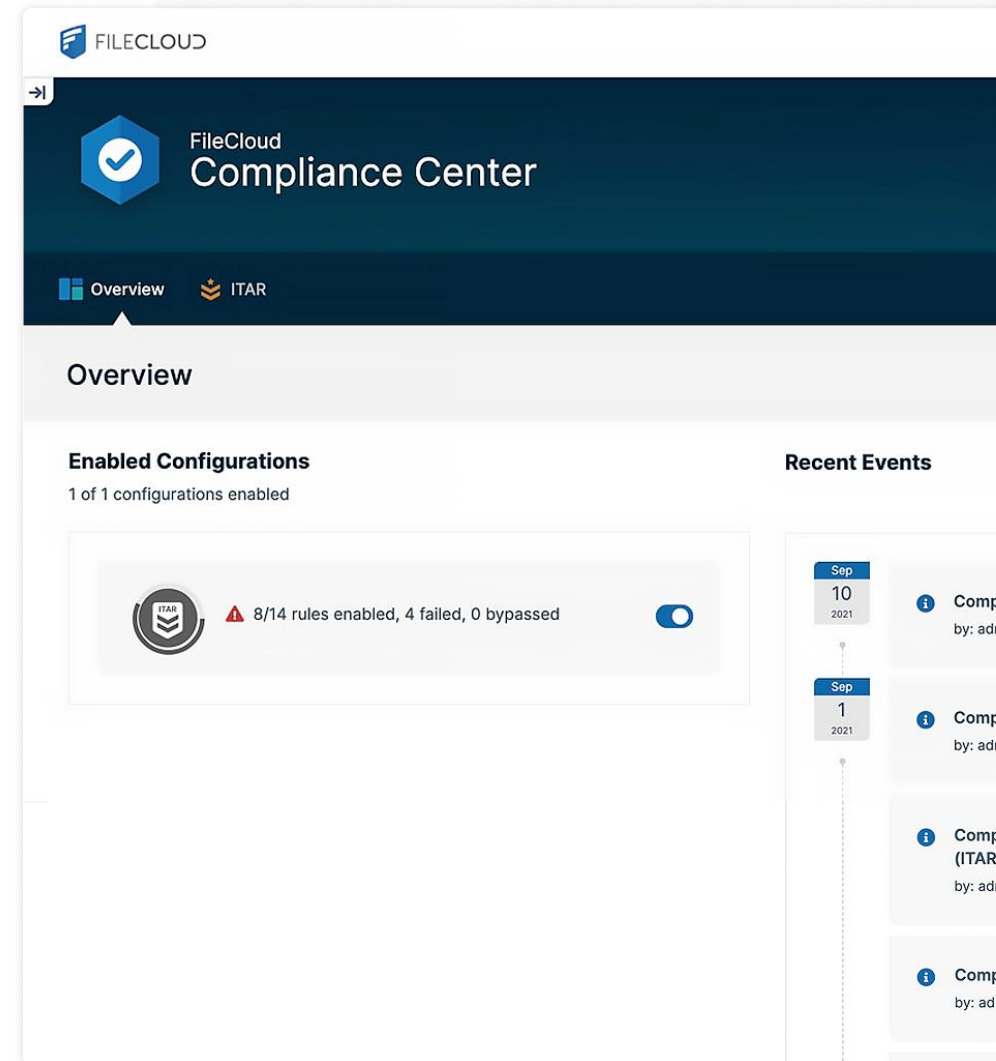
When deployed as a self-hosted solution, FileCloud Server offers flexible deployment options. Migrate data entirely into FileCloud for primary file storage, access, and management. Alternatively, FileCloud can serve as a file access overlay for legacy object storage and network servers.

## Multi-level, 360° Data Security

FileCloud for ITAR provides multi-level, 360° data protection by bringing revolutionary Data Leak Prevention capabilities to the market.

Our simple, flexible, rule-driven Smart DLP and Classification system prevents data leaks from end users and helps organizations safeguard their ITAR/EAR regulated data.

In addition to DLP capabilities, FileCloud offers private, view-only, and time-limited file shares, as well as granular folder-/file-level access permissions for high security data.



# Record Keeping to Meet ITAR Compliance

ITAR Electronic Code of Federal Regulations, Section 122.5 states “A person who is required to register must maintain records concerning the manufacture, acquisition and disposition (to include copies of all documentation on exports using exemptions and applications and licenses and their related documentation), of defense articles; of technical data; the provision of defense services; brokering activities; and information on political contributions, fees, or commissions furnished or obtained ...”.

The ITAR requires that these records be maintained for five years from the expiration of the export license or other approval. In the case of an export license exemption, this would be from the date of the transaction.

FileCloud for ITAR offers complete content lifecycle management with flexible retention and archival schedules to meet your ITAR record-keeping requirements.

# End-to-End Encryption

FileCloud offers encryption at rest and in transit, using FIPS 140-2 compliant cryptography modules. The files are encrypted as they are uploaded to the system.

When run with a FIPS license, FileCloud enforces AES and TLS cryptographic libraries for data at rest and in transit.

FILECLOUD

admin

ITAR Compliance

Enable

Export Settings

8/14 rules enabled, 4 failed, 0 bypassed

Refresh All

Rules	FileCloud Configuration	Enable	Effective Date	Status	Actions
ITAR Part 120 - Purpose and Definitions					
120.6	Choose a metadata set for classifying defense articles.	<div></div>	30/08/2021	<div>Issues 01/09/2021 10:18:19</div>	<div></div> <div></div>
120.10	Choose a metadata set for classifying technical data.	<div></div>			<div></div> <div></div>
120.13	Choose a DLP rule that allows logins from within the US only.	<div></div>			<div></div> <div></div>
120.15	Enable this rule as confirmation that all users are US residents.	<div></div>	30/08/2021	<div>OK 01/09/2021 10:18:19</div>	<div></div>
120.17	Choose a DLP rule that only allows private sharing.	<div></div>			<div></div> <div></div>
120.25	Promote at least one user to an Admin role with access to the Compliance Dashboard.	<div></div>	30/08/2021	<div>Issues 01/09/2021 10:18:19</div>	<div></div>
120.50	Use DRM when downloading/previewing files.	<div></div>	30/08/2021	<div>OK 01/09/2021 10:18:19</div>	<div></div>



# Security Features

## Secure Access

FileCloud offers private-only, time-limited, and view-only access for sensitive documents. One can prevent downloads, and configure custom sharing options with FileCloud's Smart DLP capabilities and document tags.



## Secure Data Governance

Simplify data governance by setting policies for automatic document lifecycle management, including file retention and archiving.



## Smart Classification

FileCloud's Smart Classification Engine automatically sorts your content into logical categories within minutes. Automate the discovery of sensitive content based on simple rules that make sense to you.



## Smart DLP

FileCloud for ITAR provides multi-level, 360° data protection by bringing revolutionary Data Leak Prevention capabilities to the market. Our simple, flexible, and rule-driven system prevents accidental data leaks from end users and protects all sensitive data.



## Powerful Audit and Reports

FileCloud aims to give you the best possible audit data to satisfy ITAR compliance. With our intricate admin portal, administrators can easily filter and select levels of granularity, as well as use the “Audit” options on our admin dashboards to view the following granular data:



### WHAT?

Comprehensive details on users' actions on files and directories



### WHEN?

Time stamp is recorded for every action



### WHO?

Information about specific users, such as IP addresses from which files were accessed



### HOW?

Details about what devices, browsers, and clients were used to access data

### Create New Report

Select the report from the list

Select Report to Create

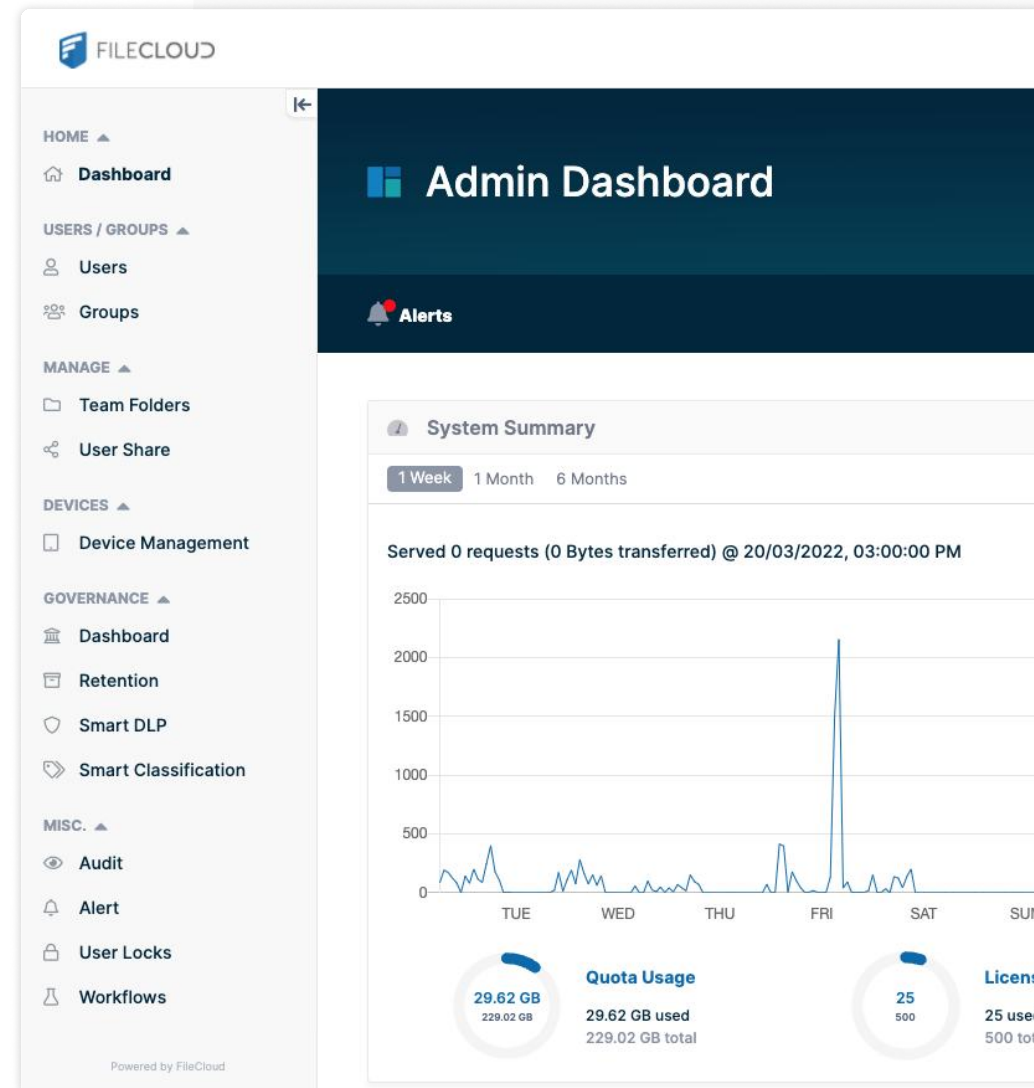
- ✓ Retrieve client application information
  - Get client applications grouped by OS
  - Get client apps grouped by TYPE
  - Get all file activities by users
  - Get file type distribution in managed storage
  - Get storage usage by file type
  - Get the users who have the most files in managed storage
  - Get user quota usage report
  - Get number of active files in managed storage report
  - Get downloaded files report
  - Get files tagged with metadata report
  - Get shares report
  - File query report
  - File count report
  - Get deleted files report
  - Get bandwidth usage data for this instance of file cloud
  - Managed Storage File, Folder Count and Size Report
  - Get all exported secure docs report
  - Get uploaded files report
  - Get user shares report
  - Get the advanced share activity of users
  - Get files/folders shared with user
  - Get the effective permissions for the team folders
  - Get anonymous/unauthorized login geolocation report
  - Get user login report
  - Get number of emails sent, grouped by sender

In addition to powerful auditing features, FileCloud for ITAR also offers detailed information about downloaded files, user shares, user logins, active users, DLP violations and statistics for file movement.



## Features

- Self-host FileCloud Server on-premises or in a private cloud
- Advanced file sharing options – private, temporary, and view-only shares
- Granular access permissions for file-shares
- Access via web, desktop and mobile clients (iOS and Android)
- Smart Classification, DLP capabilities to protect regulated data
- End-to-End encryption – FIPS 140-2 compliant cryptographic libraries for data in transit
- Supports secure NIST password guidelines
- AD, SAML SSO integration, & Smart Card authentication
- 2-Factor Authentication using OTP (or ) SMS
- Customer-supplied encryption keys for data at rest
- Detailed audit trail – what, when, who, where, and how
- Device management – inventory capabilities
- Unlimited, free external users
- Document lifecycle management – retention and archival policies to meet record keeping requirements





## FileCloud for ITAR Support

Our team of experts have more than 10 years of experience providing hands-on technical and configuration support. Base technical support is included with all FileCloud solutions, through the Support Portal or by email. Clients also have access to the online knowledge base and a how-to video library.

Additional support solutions include Premium Live Support, Extended Live Support, and Professional Services.

- **Premium Live Support** - live support sessions with response SLAs (local business hours)
- **Extended Live Support** - live support sessions with response SLAs (7×24)
- **Professional Services** - live support for design, architecture, deployment assistance, admin/user training, onboarding, etc.

## Secure Access and Authentication

### Access from Anywhere

Securely access your enterprise data from anywhere using any device – without a VPN. FileCloud offers multiple ways to access your organization's files securely: web browser, desktop client, and mobile apps.

### User Authentication

Authenticate with Active Directory, or create new accounts with FileCloud. 2FA, SAML-SSO, and Smart Card Authentications are supported across all clients (web browser, desktop client, and mobile apps).

## ITAR and EAR Compliant

FileCloud's security features support ITAR and EAR compliance for file sync, sharing, and storage:

- Encryption at rest and in transit using FIPS 140-2 compliant cryptography
- Complete, independent control over your content encryption keys
- Supports NIST password standards
- Multi-factor authentication
- Smart, automatic classification of documents according to sensitivity
- Smart Data Leak Prevention based on document metadata
- Control access based on IP filters
- Realtime activity-logging and reporting
- Data residency controls through self-hosted deployment



## About Us

FileCloud is a hyper-secure file sharing, collaboration, and governance solution that provides industry-leading tools for compliance, data leak protection, data retention, and digital rights management. Workflow automation and granular control of content sharing are fully integrated into the complete feature stack.

The FileCloud platform offers powerful file sharing, sync, and mobile access capabilities on public, private, and hybrid clouds. Headquartered in Austin, Texas, FileCloud is deployed by top Global 1000 enterprises, educational institutions, government organizations, and managed service providers, with over one million users worldwide.



**1M+**  
USERS



**3000+**  
ENTERPRISES



**100+**  
RESELLERS



**90+**  
COUNTRIES



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US Army Corps  
of Engineers



Deloitte.





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