

File Analysis Suite

Software Version 3.7.0

Support Matrix



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About File Analysis Suite

Micro Focus File Analysis Suite lets you find, protect, and secure sensitive and high-value data within on-premises and cloud unstructured data repositories across your enterprise. Identify, collect, and organize content to ensure discovery of sensitive data. Configure how sources and repositories are processed and categorized with Connect. Analyze your data under management with Analyze. Organize, review, and take action with Manage.

Support matrix

The following hardware, software, and application requirements are supported with this version of File Analysis Suite.

Web browsers and plug-ins

File Analysis Suite is supported on the following browsers.

- Google Chrome version 100 or later
- Firefox version 99 or later
- Microsoft Edge version 100 or later

File Analysis Suite is best viewed at the following screen resolution:

- 1366 x 768 or greater resolution.

Data Resources

The following resources are supported for data processing by the on-premises agent.

- Micro Focus Content Manager 9.4

IMPORTANT: Only Microsoft SQL Server Unicode RDB datasets are supported at this time.

- File system CIFS/ SMBv2 shares
 - Must comply with SMBv2 protocol for share name restrictions.
- Microsoft Exchange Server 2016, and 2019 fully updated and patched, and Office 365
- SharePoint 2016, fully updated and patched, and Office 365
 - For SharePoint 2016, Site Collections, Web Applications, and OneDrive are supported.
 - For Office 365 SharePoint, Site Collections and OneDrive are supported.
- Google Workspace's Drive (personal Google Drives are not supported)

Processing agent host

Review the agent host requirements.

On-premises agent host requirements

The server that will host the on-premises processing agent must meet the following requirements.

Minimum resources

The host for the agent requires the following minimum resources:

- Number of CPUs (include virtualized CPUs): 4
- RAM: 8GB

TIP: This is equivalent to an AWS c5.xlarge instance or an Azure A4v2 virtual machine.

Operating System

Ensure that you are running a supported operating system with all currently "critical" and "important" updates installed from update.microsoft.com.

- Windows Server 2016 from English Installation Media (Standard, Datacenter)
The "Server with Desktop Experience" installation option is required. Additional language packs may be added after OS installation.
- Windows Server 2019 from English Installation Media (Standard, Datacenter)
The "Server with Desktop Experience" installation option is required. Additional language packs may be added after OS installation.

Ports in use

The processing agent uses the following ports on the host server. Ensure these ports are available.

Ports	Agent component
7957	AgentAPI
7500, 7502	CFS (Connector Framework Server)

SQL

You have the option to install SQL Express on the agent host server as part of the processing agent installation, or manually install a supported version of SQL in your environment separate from the processing agent. If you choose to separately install a supported version of SQL, ensure that the supported version has all currently "critical" and "important" updates installed from update.microsoft.com up to and including the current Cumulative Update for the version.

TCP/IP Protocol must be installed and enabled (Mixed Mode Authentication)—not just Windows authentication.

If you will be performing the *Custom* installation of the processing agent, ensure the SQL Server Browser service is enabled and running on the SQL instance host machine. The Custom installation connects to a SQL instance already installed in your environment and available to the agent host machine.

File Analysis Suite supports the following versions of SQL.

- SQL 2016 SP2 (Standard, Enterprise, Express; on all supported Windows Servers)
- SQL 2017 (Standard, Enterprise, Express; on all supported Windows Servers)
- SQL 2019 (Standard, Enterprise, Express; on all supported Windows Servers)

General

The following requirements must be met for the server hosting the processing agent. Applications listed must exist on the host server prior to installing the agent.

- If processing file system documents from a host machine that has long paths enabled, long paths must also be enabled on the agent host.
- Ensure the public certificate presented by the external proxy is trustable by agent hosts. Depending on the certificate presented, this may include importing a private certificate authority (CA) certificate to the local Windows certificate store.

IMPORTANT: If a private CA is used, ensure the private CA's certificate is removed if the agent is uninstalled.

- Ensure the Windows server is permitted to communicate through TLS 1.2, using a current "safe" cipher suite to ports 9000-9999. The back office components (commonly in the cloud) implement and require an Intermediate TLS security level (https://wiki.mozilla.org/Security/Server_Side_TLS).

IMPORTANT: By default, most supported Windows server operating systems are pre-configured to allow communication with the back office and to repository targets enforcing TLS 1.2 communication using a reduced safe set of ciphers (EX2019, O365, SPO). Ensure this connectivity is communicating with functional targets by using a web browser that utilizes Windows Schannel (Internet Explorer) or via the Invoke-WebRequest PowerShell cmdlet.

It is possible to harden encryption in Windows server to restrict the native Schannel encryption component, used by the processing agent services, to specific operating modes and particular cipher suites (<https://docs.microsoft.com/en-us/windows-server/security/tls/tls-registry-settings>). The following are the minimum required values.

- TLS 1.2 (Client): Enabled
- Windows 2016/2019 required cipher suites
 - TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384
 - TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256

- TLS_DHE_RSA_WITH_AES_256_GCM_SHA384
- TLS_DHE_RSA_WITH_AES_128_GCM_SHA256
- Ensure that you have administrative rights on each server. You cannot perform the installation unless you have administrative rights to perform the required tasks.
- Microsoft Outlook 2019 x64 to process PST files located on file systems.

IMPORTANT: The default installation for Outlook 2019 is x32. Ensure you have the x64 version installed.

- SMTP (currently optional)
- .NET 4.8
 - Ensure earlier versions of SSL and TLS in Windows Schannel are disabled and that .NET applications (particularly 4.x) use the system's Windows Schannel configuration. See <https://docs.microsoft.com/en-us/officeonlineserver/enable-tls-1-1-and-tls-1-2-support-in-office-online-server#enable-strong-cryptography-in-net-framework-45-or-higher>.
- Visual C++ 2019 runtime, updated to the most current version
- PowerShell 3.0+

Integrated resources

The following Micro Focus resources support features in File Analysis Suite.

- Micro Focus Education 12.11, supports grammars and entities in Connect and Manage

The following applications are supported by File Analysis Suite.

- Voltage SmartCipher 4.3.0.4 for file protection in Manage.
- Micro Focus Media Server 12.9 for optical character recognition (OCR).

The following applications are required for specific File Analysis Suite features.

- Microsoft Excel on the local machine where File Analysis Suite is being accessed with a browser. This is required to support uploading term lists using a CSV file.

Supported file types

File Analysis Suite supports processing of the following file types and formats.

Document type	Format
Microsoft Access	
Archive	
Audio	AC3, MPEG, Real, Unknown, Wave, WMA

Document type	Format
BinHex	40
Compressed	7zip, Bzip2, Gzip, LHA, PKzip, RAR, TAR, ZIP
Data	CSV
Email	Outlook, SMTP
Microsoft Excel	
Adobe Flash	
Adobe Framemaker	
HTML	
Image	BMP, EMF, GIF, GIF 87a, GIF 89a, JPEG, PNG, TIFF
Microsoft Metafile	
PDF	Acrobat
Microsoft PowerPoint	
Microsoft Project	
Microsoft Publisher	
RTF	
SGML	
Unicode	
VCF	
Video	MPEG, MS, QuickTime, WMV
Microsoft Visio	
Microsoft Word	
WordPerfect	
Microsoft Works	
Windows Help	
XChange Viewer	PDF
XML	
Not specified	
Unknown	