

# FileFlex Enterprise for the Varonis DatAnywhere Organization





**FileFlex Enterprise fulfills the value proposition of Varonis DatAnywhere – the ability to add cloud functionality to file shares (file servers) ... and a lot more!**

It provides secure remote access, sharing and collaboration of all organizational storage and all locations – not just file shares - from a unified dashboard. And FileFlex brings “Fort-Knox” zero trust security and optional Intel SGX platform hardening. Organizations do not have to modify their processes, infrastructure or permissions in order to give users the cloud functionalities they need. Access controls stay the same, data classification continues to function and data does not need to be moved to a new server or a third-party.



## Overview

Organizations store massive amounts of information on servers, server-attached storage like SAN (Storage Area Network), DAS (Direct Attached Storage) and network (NAS) attached storage. Combined, these are commonly called file shares. They can be remotely accessed over the network and they are fast and inexpensive.

The problem is that file share technologies were originally launched in the late 90s, before the rise of mobile devices and the distributed workforces. At that time most users worked in an office and were plugged in to the network. Mobile devices like we have today did not exist. VPNs were around, but were generally only for senior management.

Today users work from anywhere – home, restaurant, airport – and organizations hire workers who are located anywhere in the world. These workers don't connect over the internal network, they connect via the internet. You need to give them the tools to enable the modern distributed workforce efficiencies.

**“The problem is that file share technologies were originally launched in the late 90s, before the rise of mobile devices and the distributed workforces.”**



That's why you implemented DatAnywhere from Varonis. DatAnywhere provided cloud functionality to your file shares. It allowed you to access file share data from remote computers, tablets and smart phones without using a VPN – over the internet. It allowed you to share these files with external parties. It allowed you to create data rooms so that external parties can upload files to you. It honored your Active Directory and device permissions. All the processes and technologies you invested in stayed the same. Best of all, it kept your data on-premises, protecting your confidential documents and helping compliance with privacy regulations like HIPAA and GDPR.

**“DatAnywhere provided cloud functionality to your file shares.”**

With Varonis DatAnywhere you were able to offer your employees cloud experience utilizing your existing infrastructure. You didn't have to modify your processes, infrastructure or permissions in order to give your users the cloud functionalities they needed. Access controls stayed the same, data classification continued to function, and data did not need to be moved to a new server or a third-party. And your users could collaborate without changing a thing.

The problem is that Varonis DatAnywhere went End of Life (EOL) in February 2020. That means that organizations that use DatAnywhere need to look for an alternative.





AIU	1,822	12,349,000
EJK	3,680	238,681,000
HPL	1,042	85,678,000
KEE	485	8,349,000
NAH	8,549	189,301,000
QDP	6,602	102,698,000
TIK	890	24,677,000
WGS	6,280	76,002,000
AHD	2,436	57,100,000

AIU	HJI	WRE	YLD	ESR	GRY	OPY
1,822	20,369	370	6,350	10,985	645	6,970
(-387)	(+588)	(-36)	(-528)	(+288)	(-138)	(+72)
MSB	LNI	WAB	PCN	YER	LOH	OPZ
3,685	9,542	2,659	4,254	6,292	1,532	4,622
(+210)	(+128)	(+35)	(+174)	(+121)	(+54)	(+182)
VEY	OMN	MHJ	HTT	KER	CCX	EMH
3,204	5,211	7,100	7,150	742	1,901	3,290
(+33)	(+156)	(+46)	(+150)	(+48)	(+101)	(+128)
MSB	WFF	MMH	OLC	SHI	DHS	
3,320	712	16	2,022	6,287	12,630	
(+120)	(+10)	(-1)	(+32)	(+8)	(+228)	



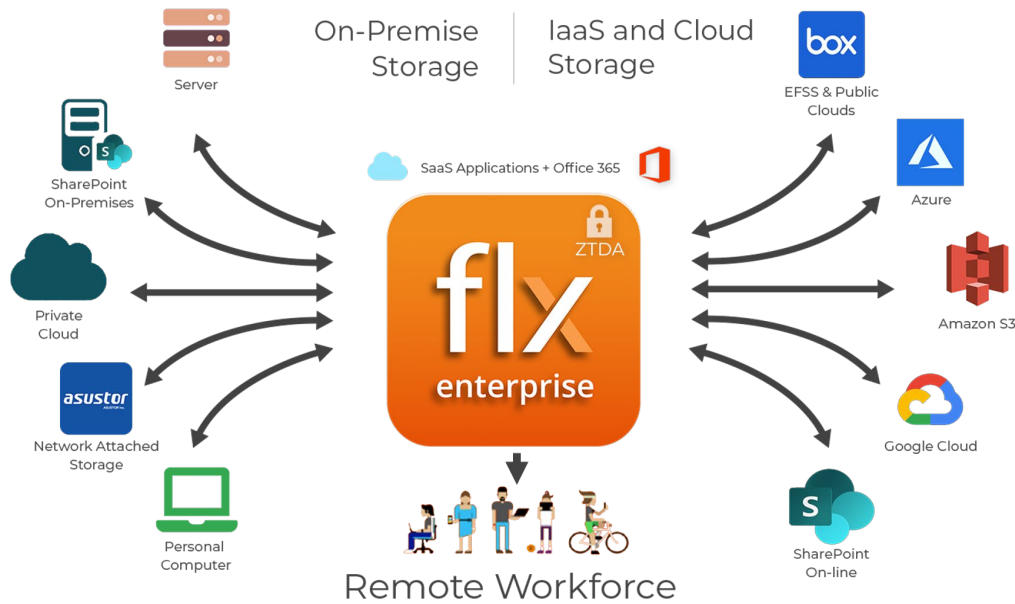
## How Varonis DatAnywhere and FileFlex Enterprise are Alike

FileFlex Enterprise fulfills the distinct value proposition of Varonis DatAnywhere – the ability to add cloud functionality to file shares (file servers). Like DatAnywhere, FileFlex Enterprise provides secure access to files stored on an organization’s servers and NAS devices from remote computers, tablets and smart phones. It provides sharing of these files with external parties. It allows an organization to create data rooms so that external parties can upload files and it honors Active Directory and device permissions. Like Varonis DatAnywhere, FileFlex Enterprise gives organizations cloud functionality utilizing their existing infrastructure. Organizations do not have to modify their processes, infrastructure or permissions in order to give their users the cloud functionalities they need. Access controls stays the same, data classification continues to function, and data does not need to be moved to a new server or a third-party.

Since no functionality is lost and the core value proposition of DatAnywhere is maintained, FileFlex Enterprise is the perfect migration for organizations that use DatAnywhere.

**“FileFlex Enterprise fulfills the distinct value proposition of Varonis DatAnywhere – the ability to add cloud functionality to file shares (file servers).”**





## FileFlex Enterprise Offers Much More

FileFlex Enterprise goes far beyond remote access and sharing of file servers and network-attached storage. It does this plus much more. More than any other alternative.

### Access and Share ALL the Storage of Your Hybrid-IT Infrastructure – Not Just File Shares

FileFlex Enterprise is a highly secure hybrid point-to-point, software-only service built on a Zero Trust Data Access (ZTDA) platform that provides secure remote access and sharing of the organizational hybrid-IT storage infrastructure from source locations - from where the files are saved - storage that the organization already owns, whether on-premises, cloud hosted or SharePoint, behind their firewall and under their control.

Using patented technology, FileFlex Enterprise takes the functionality of the cloud and applies it to the entire hybrid-IT storage infrastructure (including the file servers), puts it under IT control and allows users to access all of it from a single dashboard. This also includes files stored on cloud-hosted infrastructure-as-a-service providers (IaaS) such as

**“FileFlex Enterprise is a highly secure hybrid point-to-point, software-only service built on a Zero Trust Data Access (ZTDA) platform that provides secure remote access, and sharing the organizational hybrid-IT storage infrastructure from source locations.”**

Amazon AWS S3, Microsoft Azure and Google Cloud, files stored on public clouds such as Google Drive, OneDrive and Dropbox, files stored on EFSS providers such as Box, files stored on private clouds, files stored on PCs and files stored in SharePoint – all from a single ‘pane-of-glass’ or dashboard.

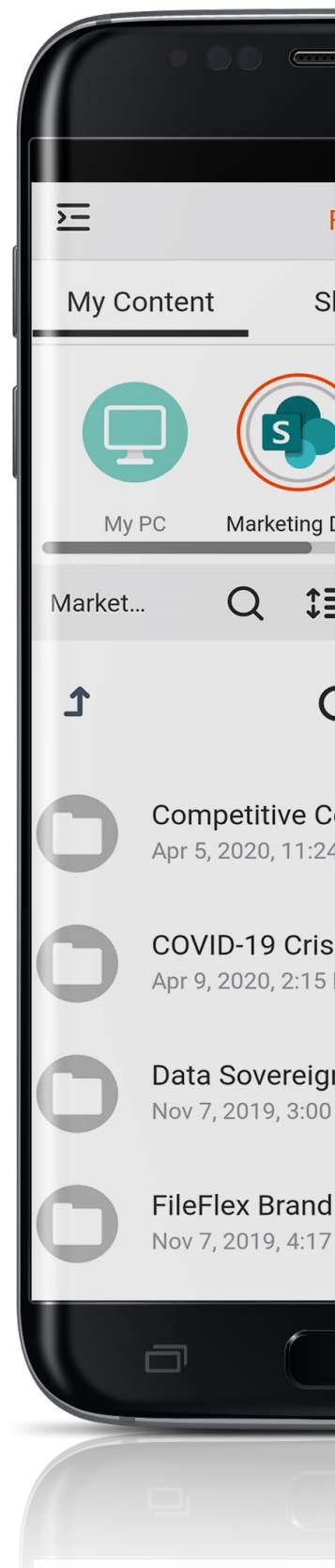
## Robust, Secure and Private File Sharing

With FileFlex Enterprise you can remotely share files from source locations - where the files are saved. File sharing and access to shared files is always through the FileFlex Enterprise application and not through the use of attachments or links. This ensures that file sharing itself is through the zero trust platform, subject to permission-based user authentication, layered security and visibility and control of IT.

The technology of FileFlex Enterprise makes files and folders shared act like an extension of the recipient’s local device. There are no storage limitations, no file size limits, no quality degradation (no compression) and no complicated IT type setup requirements for the sharing of files. [Watch the demo](#)

## Remote Editing Content Collaboration

In addition to providing remote access and sharing to file shares, FileFlex Enterprise enables remote editing content collaboration of those files for individuals and teams inside and outside the organization. The remote editing ability applies not just to file shares, but to all storage locations, from source locations whether on-premises, cloud-hosted or SharePoint. Your users can collaborate using their favorite applications like Office 365 or Google Docs. Activity tracking, audit trail, version control, file locking, a unified workflow across devices, and simple, secure access make teams more productive, protects organizational information and provides visibility and control to IT.





## Remote File Management Between Storage Devices and Locations

In addition, FileFlex Enterprise provides remote file management between the storage locations of your hybrid-IT infrastructure. These storage locations are no longer separate silos. Using a consistent user experience, from any remote PC, tablet or smartphone, a user can perform file management functions like cut, copy, paste, rename, delete and create a folder between any and all company storage whether on-premises storage such as server, server-attached, network-attached or the storage of user PCs or cloud-hosted storage like Amazon S3, Microsoft Azure or Google Cloud, public cloud storage such as OneDrive, Google Drive, Dropbox and Box or either the storage of on-premises implementations or cloud-hosted implementations of SharePoint . And, as well, they can share any files that they have, stream any media or collaborate with file editing and locking. Thus, FileFlex Enterprise integrates all hybrid-IT storage and eliminates the pain of having separate silos.

**“FileFlex Enterprise provides remote file management between the storage locations of your hybrid-IT infrastructure”**



## IT Control

The User Administration Console includes strong IT control over file sharing where sharing can be controlled or restricted, downloading can be restricted and even collaboration of PHI (Personal Health Information) and PII (Personally Identifiable Information) can be controlled so that no copies are ever stored on remote devices, third-party servers or by unauthorized parties.

With FileFlex Enterprise, organizations provide IT controlled access to files in their source locations or upload permission to verified trusted senders. Since access is subject to user authentication it is the perfect tool for organizations that are moving their cybersecurity paradigm from the traditional perimeter approach to the zero-trust model where information access is controlled and all users and all devices must always be authenticated.

For example, IT can allow users remote access to confidential files but not allow any sharing of these files. Or, they can allow confidential files to be shared but only in view-only mode. This is true for any storage location. IT can also allow downloading, they can allow editing or they can allow uploading for the creation of virtual data rooms.

## Optional Intel SGX Platform Hardening

FileFlex Enterprise is the only solution that has the option of using Intel® SGX platform hardened secure enclaves for encryption key generation to provide added protection at the deepest level – within the silicon itself – and provide added protection against shared data being snooped or tampered with at any stage of access or transmission – even if the system is compromised. [Watch the video](#)

**“The User Administration Console includes strong IT control over file sharing”**



## Privacy and Compliance

Privacy can be protected by keeping data in source locations, on-premise, behind the corporate firewall, on corporate storage assets, in specific geographic regions and access controlled to [prevent secret exfiltration](#) from third parties. This also accelerates compliance with [GDPR](#), [HIPAA](#) and all other privacy regulations.

## Zero Trust Data Access

FileFlex Enterprise is a Zero Trust Data Access (ZTDA) platform for remote access and sharing of on-premises, cloud-hosted and SharePoint storage. It augments traditional perimeter-based security by always authenticating and always verifying all transactions all the time with a “never trust, always verify” model where access to data is secured and controlled through a zero-trust platform.

FileFlex Enterprise abstracts the infrastructure from shared information providing secure data access as granular as a single file and protecting against unauthorized access to the organization’s infrastructure.

FileFlex uses a set of secure zero trust processes to access, secure and transmit data. These include processes for user authentication, secure data transmission, accessing information, protecting credentials, use of anonymous tokens, request management and permission management.

## Unparalleled Security and Lowered Risk Posture

In addition to being built on a zero trust data access platform, FileFlex Enterprise includes a robust security feature set that includes AES 256 encrypted hybrid point-to-point communication, double encryption, a PKI server, two-factor authentication, the option for Intel SGX silicon level hardware hardening, device authentication, virus scanning, single sign-

**“Privacy can be protected by keeping data in source locations, on-premise, behind the corporate firewall, on corporate storage assets, in specific geographic regions and access controlled.”**

**“FileFlex Enterprise is a Zero Trust Data Access (ZTDA) platform for remote access and sharing of on-premises, cloud-hosted and SharePoint storage”**





on (SSO), active directory integration, activity log and operation and incident management.

With the ability to access and share documents from their source locations reducing or even eliminating the need for duplication you have a solution offers a much lower risk posture. And FileFlex Enterprise adds confidentiality, integrity and availability capabilities (CIA) with minimal impact on existing processes and infrastructure.

## Remote Access and Share SharePoint

FileFlex Enterprise is the perfect addition to an implementation of SharePoint. If the implementation is on-premises, then FileFlex will provide remote access, sharing and remote editing collaboration to a distributed workforce and allow for sharing with external users. Organizations do not need to migrate their SharePoint to the cloud-based version, they don't have to add external users to their SharePoint and users don't need to use a VPN for remote access. If the implementation of SharePoint is either cloud-based or on-premises, then FileFlex integrates SharePoint in a 'Single-Pane-of-Glass' dashboard with the entire corporate infrastructure to address the pain of having separate silos.

[More](#)

## Improved Productivity

The architecture of FileFlex Enterprise addresses the inefficiency issues of uploading, downloading and syncing subsets of data to the limited storage capacity of cloud servers. [More](#)

**“FileFlex Enterprise is the perfect addition to an implementation of SharePoint.”**

## HPE Technology Partner / Microsoft Development Partner

Qnext is a silver-tier member of the HPE Technology Partner Program. Hewlett Packard Enterprise (HPE) has tested and approved FileFlex Enterprise for secure remote access, sharing and collaboration of all organizational storage with select HPE servers and storage products. It also supports on premise, hybrid and multi-cloud environments. [More](#)



With proven expertise in specific technology areas, Qnext is also a Microsoft Silver Application Development Partner, placing Qnext among the top five percent of Microsoft partners worldwide. [More](#)



## Very easy and quick to install, configure and maintain

In most cases no additional manpower or infrastructure resources are required.



# Summary

## For the DatAnywhere User

Varonis DatAnywhere users who migrate over to FileFlex Enterprise receive the following:

- Remote access, sharing, streaming, remote editing collaboration and file management of on-premise file shares without building or maintaining a private cloud
- Ability to add cloud functionality to the entire hybrid-IT storage infrastructure, not just file servers
- Ability to add cloud functionality to file servers located with cloud-hosted Infrastructure-as-a-Service providers such as Amazon AWS, Microsoft Azure and Google Cloud
- Ability to remotely access and share public cloud storage (if permitted) such as Google Drive, Microsoft OneDrive, Dropbox and Box.
- Ability to remotely access and share SharePoint files and document libraries
- Ability to aggregate all file servers and organizational storage in any city or country under a single pane-of-glass or dashboard to address the silo of information and access to only specific devices or locations
- Add remote multi-device file management capability such as cut, copy, paste, move, rename, delete and create folders on or between storage silos over the internet without the need to be networked or the use of a VPN
- Add the option of Intel SGX platform hardened silicon-to-silicon secure file access and sharing
- Add remote editing content collaboration capability
- Add automatic photo and video backup capability.
- Ensures privacy, protection against secret data exfiltration and compliance to privacy regulations such as GDPR and HIPAA
- Built on a zero trust platform with secure processes to access, secure and transmit data. These include processes for user authentication, secure data transmission, accessing information, protecting credentials, use of anonymous tokens, request management and permission management.
- Unparalleled Security - Robust security feature set that includes AES 256 encrypted hybrid point-to-point communication, double encryption, a PKI server, two-factor authentication, the option for Intel SGX silicon level hardware hardening, device authentication, virus scanning, single sign-on (SSO), active directory integration, activity log and operation and incident management.
- Improved productivity
- Very easy and quick to install, configure and maintain
- Qnext is an HPE Technology Partner and Microsoft Development Partner



## Comparison

### File Sharing

Description	DatAnywhere	FileFlex Enterprise
Can share files from file shares (servers, SAN, DAS and NAS storage)	✓	✓
Can share very large files	✓	✓
Supports unlimited storage	✓	✓
Can share multiple files	✓	✓



Description	DatAnywhere	FileFlex Enterprise
Can share folders	✓	✓
Can send a 'view-only' share that cannot be downloaded	✓	✓
Supports data room functionality and creation of upload folders	✓	✓
Can set an expiration date	✓	✓
Can include a personal note with the file share	✓	✓
Share recipients can only access files via an app to ensure user authentication and security protocols	✓ Via link options and email verification	✓
IT can restrict file sharing of confidential files, folders or limit file sharing of confidential files to view-only or view & print only and prohibit downloading	✓ Has IT toolkit however not as robust as FileFlex	✓
As file sender, keeps a record of all files shared and contacts shared with	✓ Keeps record of share links	✓
Remote file sharing from network-attached devices such as networked PCs, servers, etc.	no Does not support smart networking	✓
File sharing of files stored on cloud services such as Google Drive, OneDrive, Dropbox and Box	no Does not support public cloud access	✓
File sharing of files stored on Infrastructure-as-a-Service providers such as Amazon S3, Microsoft Azure, Google Cloud	no Does not support IaaS access	✓

Description	DatAnywhere	FileFlex Enterprise
File sharing of files stored on on-premises SharePoint and cloud-based SharePoint	no Does not support SharePoint access	✓
Does not require the user to download in order to view, access or stream a shared file	no Recipient must download	✓
Can cancel sharing at any time on a file-by-file basis	no Entire link must be cancelled affecting files affected by the link	✓
Can cancel sharing at any time on a user-by-user basis	no Entire link must be cancelled affecting all users who have the link	✓
Can send a 'view & print' only share that cannot be downloaded	no	✓
As file receiver, keeps a record of all files shared to user and contacts that shared those files	no	✓

## Remote Access

Description	DatAnywhere	FileFlex Enterprise
Can remotely access and view files stored on file shares (servers, SAN, DAS and NAS storage)	no Must download to local device	✓
Can remotely access and view files stored on network-attached devices such as networked PCs, servers, etc.	no Does not support smart networking	✓
Can remotely access and view files stored on cloud services such as Google Drive, OneDrive, Dropbox and Box	no Does not support public cloud access	✓



Description	DatAnywhere	FileFlex Enterprise
Can remotely access and view files stored on Infrastructure-as-a-Service providers such as Amazon S3, Microsoft Azure, Google Cloud	no Does not support IaaS access	✓
Can remotely access and view files stored on on-premises SharePoint and cloud-based SharePoint	no Does not support SharePoint access	✓






## Streaming

Description	DatAnywhere	FileFlex Enterprise
Can remotely stream media files stored on file shares (servers, SAN, DAS and NAS storage)	no Does not support media streaming. Users must download	✓
Can remotely stream media files stored on network-attached devices such as networked PCs, servers, etc.	no Does not support smart networking	✓
Can remotely stream media files stored on cloud services such as Google Drive, OneDrive, Dropbox and Box	no Does not support public cloud access	✓
Can remotely stream media files stored on Infrastructure-as-a-Service providers such as Amazon S3, Microsoft Azure, Google Cloud	no Does not support IaaS access	✓
Can remotely stream media files stored on on-premises SharePoint and cloud-based SharePoint	no Does not support SharePoint access	✓
Can stream music files via a playlist	no	✓

## Remote File Editing Collaboration

Description	DatAnywhere	FileFlex Enterprise
Can remotely edit files stored on file shares (servers, SAN, DAS and NAS storage)	✓	✓
Supports file locking	✓	✓
Supports file versioning	✓	✓
Can remotely edit files stored on network-attached devices such as networked PCs, other servers, etc.	no Does not support smart networking	✓
Can remotely edit files stored on cloud services such as Google Drive, OneDrive, Dropbox and Box	no Does not support public cloud access	✓
Can remotely edit files stored on Infrastructure-as-a-Service providers such as Amazon S3, Microsoft Azure, Google Cloud	no Does not support IaaS access	✓
Can remotely edit files stored on on-premises SharePoint and cloud-based SharePoint	no Does not support SharePoint access	✓

## Remote File Management

Description	DatAnywhere	FileFlex
Remote file upload, delete, download, cut/copy/paste, rename, create folder, create favorites and file info of file shares (servers, SAN, DAS and NAS storage)	no	
Remote management of files with cut, copy, paste, copy to, move to, rename, delete, create folder and create favorite for files located networked devices such as networked PCs, servers, etc	no Does not support smart networking	
Remote management of files with cut, copy, paste, copy to, move to, rename, delete, create folder and create favorite for files between and/or located on cloud services such as Google Drive, OneDrive, Dropbox and Box	no Does not support public cloud access	
Remote management of files with cut, copy, paste, copy to, move to, rename, delete, create folder and create favorite for files between and/or located on cloud services Infrastructure-as-a-Service providers such as Amazon S3, Microsoft Azure and Google Cloud	no Does not support IaaS access	
Remote management of files with cut, copy, paste, copy to, move to, rename, delete, create folder and create favorite for files between and/or located on either on-premises or cloud-based implementations of SharePoint	no Does not support SharePoint access	



## Security Features

Description	DatAnywhere	FileFlex Enterprise
Can access and share directly from on-premises file shares source locations without uploading to a secondary server or third-party to ensure privacy of confidential information	✓	✓
Encrypts communications	✓	✓
User authentication of share recipients	✓ Via email authentication	✓
Honors LDAP, Active Directory and device permissions	✓	✓
Activity log for audit and incident remediation of all activities visible to user and IT	✓	✓
Supports single sign-on (SAML)	✓	✓
Can add a second layer of encryption of data stream from sender to receiver to protect against intercept	no	✓
Can generate encryption keys outside of system memory in a PKI server or using Intel SGX enclave technology to protect against snooping and intercept	no	✓
Is built on a zero trust platform	no	✓
Supports use of U2F devices such as YubiKey	no	✓
Supports device authentication	no But can block mobile devices	✓

# Administration

Description	DatAnywhere	FileFlex Enterprise
Can be hosted on-premises	✓	✓
Can be self-hosted	✓	✓
Can host on IaaS servers - Amazon AWS, Microsoft Azure, Google Cloud	✓	✓
Server can run in Windows Server	✓	✓
Can customize branding	✓	✓
Can set user permissions and roles	✓	✓
Server can be multi-tenant	no	✓
Server can run in a VM	no	✓
Server can run in Linux Server	no	✓

## Ease-of-use

Description	DatAnywhere	FileFlex Enterprise
Simple, intuitive navigation and user interface	✓	✓
Easy download and install of iOS and Android mobile clients from app store	✓	✓
Easy install of web client	✓	✓
Easy onboarding of remote capabilities	✓	✓
Search	✓	✓
Email event notifications	✓	✓
Online help and video tutorial resources	no Online resources no longer available	✓
Drag and drop	no	✓
In-app event notifications	no	✓
Can sync photos and videos from mobile devices to file shares storage	no	✓
Can sync photos and videos from mobile devices to IaaS, SharePoint, networked devices or cloud storage	no	✓



# Multi-Device

Description	DatAnywhere	FileFlex Enterprise
Web client	✓	✓
iOS client	✓	✓
Android client	✓	✓
Windows client	✓	✓
Mac client	✓	✓