

# FinalCode for Box

## The Easy, Flexible and Persistent Way to Secure Sensitive Files Shared Outside of Box

There's a data dilemma in modern enterprises today: Mobile workforces want easy access to critical files and data to collaborate with internal teams and external partners, and enterprises want to secure sensitive and confidential information wherever it goes. While many cloud platforms encrypt data and have robust usage controls, IT teams know that online file sharing can still be a "black box" of security. Just a few of the risks include employees' use of mobile devices to access and store confidential data, the lack of governance over files once they are downloaded, and the possibility that IT administrators' encryption keys will be stolen.

Is there a better way to protect online files while promoting content sharing and ease-of-use? Fortunately, the answer is yes with FinalCode for Box.

Box provides an intuitive cloud file sharing and collaboration platform with comprehensive file management and governance capabilities. But like other cloud platforms, Box only controls immediate data access by authorized users. Once sensitive data is downloaded by an authorized recipient, file protection and accountability are diminished, as are data privacy breach safe harbors. The challenge is ensuring that file protection remains active while supporting existing workflow and business collaboration. Organizations need to think "outside the Box" with FinalCode for Box to mitigate file data leakage risks.

### How FinalCode for Box Works for Users

FinalCode for Box couldn't be easier to use.

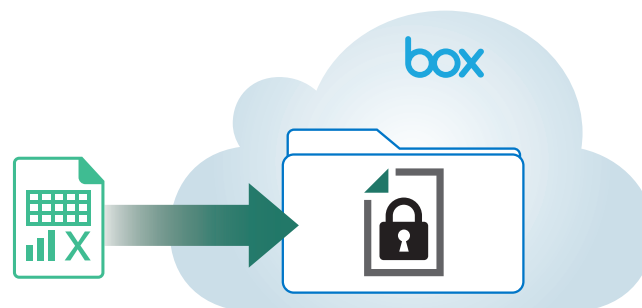
1. Users can access FinalCode for Box by downloading the app from Box Apps.
2. Files are auto-secured when they are uploaded to Box.
3. FinalCode file access permissions are auto-synced with Box Collaborator settings.
4. Authorized users just double-click on files to open them, the way they do normally with Box.
5. Authorized users can preview FinalCode files on a browser without installing FinalCode Client or downloading secured files.

### How FinalCode for Box Works for Administrators

1. Administrators can access FinalCode for Box by downloading the app from Box Apps
2. Administrators can set and enforce policies and controls across organizations, projects, and users within Box.
3. Set Auto-secure feature to provide comprehensive file security without user intervention.

4. Control who has permission to run various features of the FinalCode application based on Box collaborator status.
5. Track user actions on FinalCode files and create audit reports for governance purpose.

## File Security Right Out of the Box

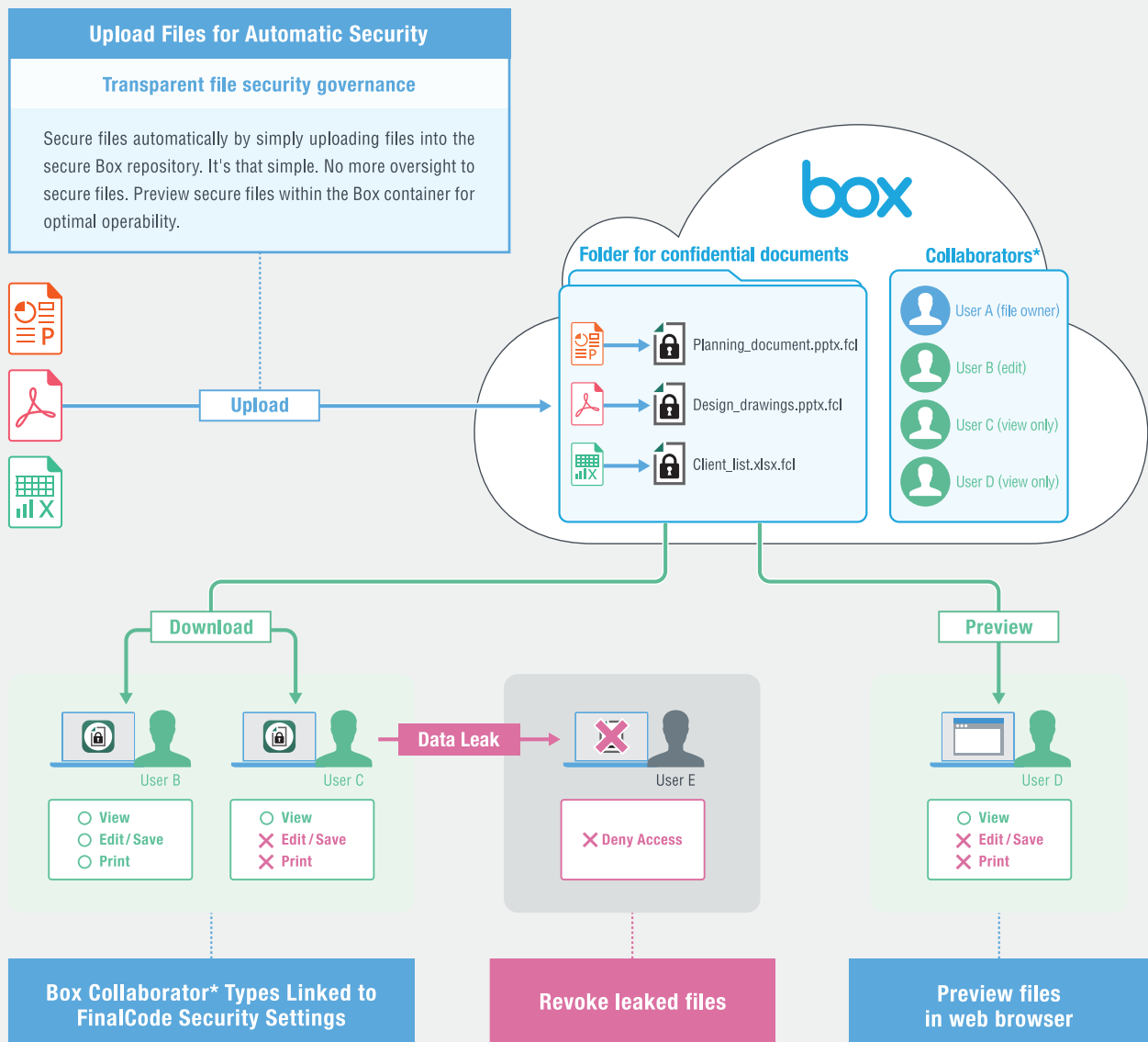
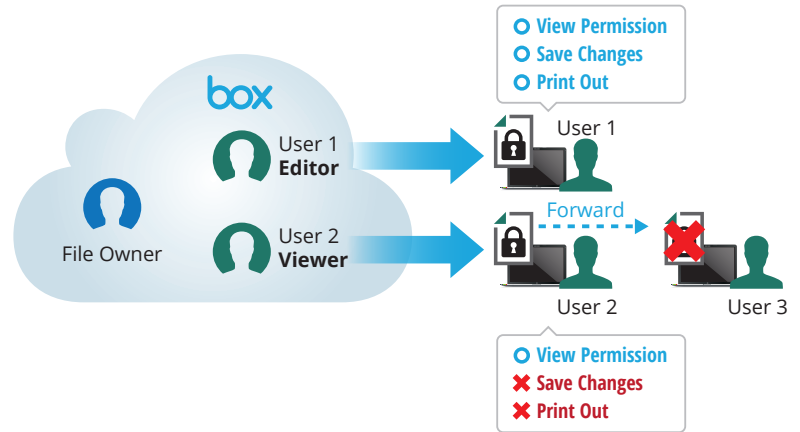


FinalCode for Box addresses the data leakage challenge by ensuring persistent access and usage control for the who, what, and where of shared files – while also enabling them to be remotely deleted. Seamlessly integrated, FinalCode for Box works like a plug-in, enhancing file security without compromising collaboration. With FinalCode for Box, organizations gain strong file encryption, dynamic permission setting, and lifecycle activity tracking – directly invoked within the Box interface as an added SaaS offering.

The FinalCode for Box solution allows Box files owners and administrators to leverage their investment in Box workflow, user management, and security management. Users can manage and change permissions to view or edit files by simply updating Box collaborator types which are linked to FinalCode's file permission settings – it's that simple. Once activated, FinalCode security policies are automatically inherited as files and folders are moved within the Box folder hierarchy.

With FinalCode for Box, Box users have dynamic file security control, whereby users and organizations can readily change, lock, or revoke collaborator access and usage permission to shared files leaving the box repository. Users can now remotely delete files on recipients' devices, on demand or on access attempt violation, even after shared files have been removed from the Box container and even if the files have been forwarded to others. FinalCode security remains enforced at the file, operating system, and application level outside of Box.

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## Gain Granular Entitlement Control

- Apply encryption and usage control to files and folders invoked directly within Box GUI
- Enforce policy to files outside the secure Box container, both online and offline
- FinalCode file permissions are automatically mapped to Box collaborator types
- Security policy inheritance as files and folders move within Box folder hierarchy
- Preserves Box metadata, negates user means to revert to unprotected file
- Persistent file security ensured via lightweight FinalCode Client
- Read-only, able to block editing or saving
- Edit/save only in encrypted file
- Allow / deny copy, paste, screenshot
- Allow / deny printing
- Printing with custom watermark
- Remote delete, on-demand
- Remote delete, unauthorized access
- Online file activity logging and search
- Dynamic file permission updates according to Box collaborator type changes
- Application whitelisting

## Powerful Security Management

- FIPS 140-2 Level 1 validated
- Suite-B compliant
- AES 256 file encryption
- RSA 2048 PKI - based user authentication
- TLS/SSL communication between client and server
- AWS KMS integration
- Transparent FinalCode Encryption Service
  - Securely pulls content uploaded to Box
  - Dynamically applies file security settings
  - Replaces protected file in Box repository
  - Deletes original file from Box repository
  - No files are written or persist in service
- Preview secured files in Box
- Set a watermark on preview and downloaded files
- Automated, secure on-boarding
- Lightweight Client install does not require admin privileges
- Web management console
- Global user management
- Roles-based access control
- User and device authentication
- Extensive file security, usage and violation logs supporting Box logging, well as CEF format and LEEF format
- App and OS level file-IRM control without relying on MS-Azure RMS

## Extensive File IRM Coverage

- Microsoft Excel 2019, 2016, 2013, 2010, 2007
- Microsoft Word 2019, 2016, 2013, 2010, 2007
- Microsoft PowerPoint 2019, 2016, 2013, 2010, 2007
- Microsoft Access 2019, 2016, 2013, 2010, 2007
- Microsoft Visio 2016, 2013, 2010, 2007
- Microsoft Viewer Word, Excel, PowerPoint
- Microsoft Windows Media Player
- Microsoft WordPad, Paint, Notepad
- Adobe Reader DC (2019,2018,2017,2015) / XI / X
- Adobe Acrobat Pro/Std DC (2019,2018,2017,2015) / XI / X
- Adobe Illustrator CS6 / CC (2019, 2018, 2017)
- Adobe Photoshop CS6 / CC (2019, 2018, 2017)
- Adobe InDesign CS6 / CC (2019, 2018, 2017)
- OpenOffice Writer, Calc, Impress 4.1, 4.0
- LibreOffice Writer, Calc, Impress 5.2, 5.1, 5.0, 4.4, 4.3, 4.2, 4.1, 4.0
- JUST Calc, Note, Focus 4/3, Ichitaro Pro 4, 3, 2, Pro, 2015, 2014
- Microsoft Windows Picture and FAX Viewer, Photo Gallery, Photo Viewer, Write
- Fuji Xerox DocuWorks / TIFF Viewer
- Autodesk AutoCAD LT 2019-2010
- Autodesk DWG TrueView 2019-2013
- Dassault SolidWorks 2016-2013
- FUJITSU iCADMX V7L6, iCADMX Viewer V7L6, SolidMX V3.2
- Abbreviated list, subject to change

## FinalCode for Box Specifications

- Works with FinalCode@Cloud
- Small monthly charge per user
- FinalCode hosted in AWS
- FinalCode secured files do not support full text search
- Maximum file size to be secured by FinalCode is 100MB
- Up to 1,000 files can be secured by FinalCode in one process
- FinalCode client needs to be online to view FinalCode files that are secured in Box
- FinalCode files secured through Box integration cannot be viewed or edited via the FinalCode admin console

## About FinalCode

FinalCode delivers a file security platform that allows any business to persistently protect sensitive files wherever they go inside and outside of the organization. Available as a SaaS or virtual appliance, FinalCode makes securing file collaboration easy and cost-effective and in a way that works with popular applications, platforms and devices while preserving user experience and workflow. The solution applies strong encryption and granular usage control on demand or by corporate policy with the ability to remotely delete files. The company's patented CryptoEase™ technology streamlines onboarding, encryption and administration, making deployment rapid and scalable.