

Storage Protection to Safeguard Data from Malware

FilingBox Enterprise Product Introduction



FILINGCLOUD

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User-Action-Level Storage Protection

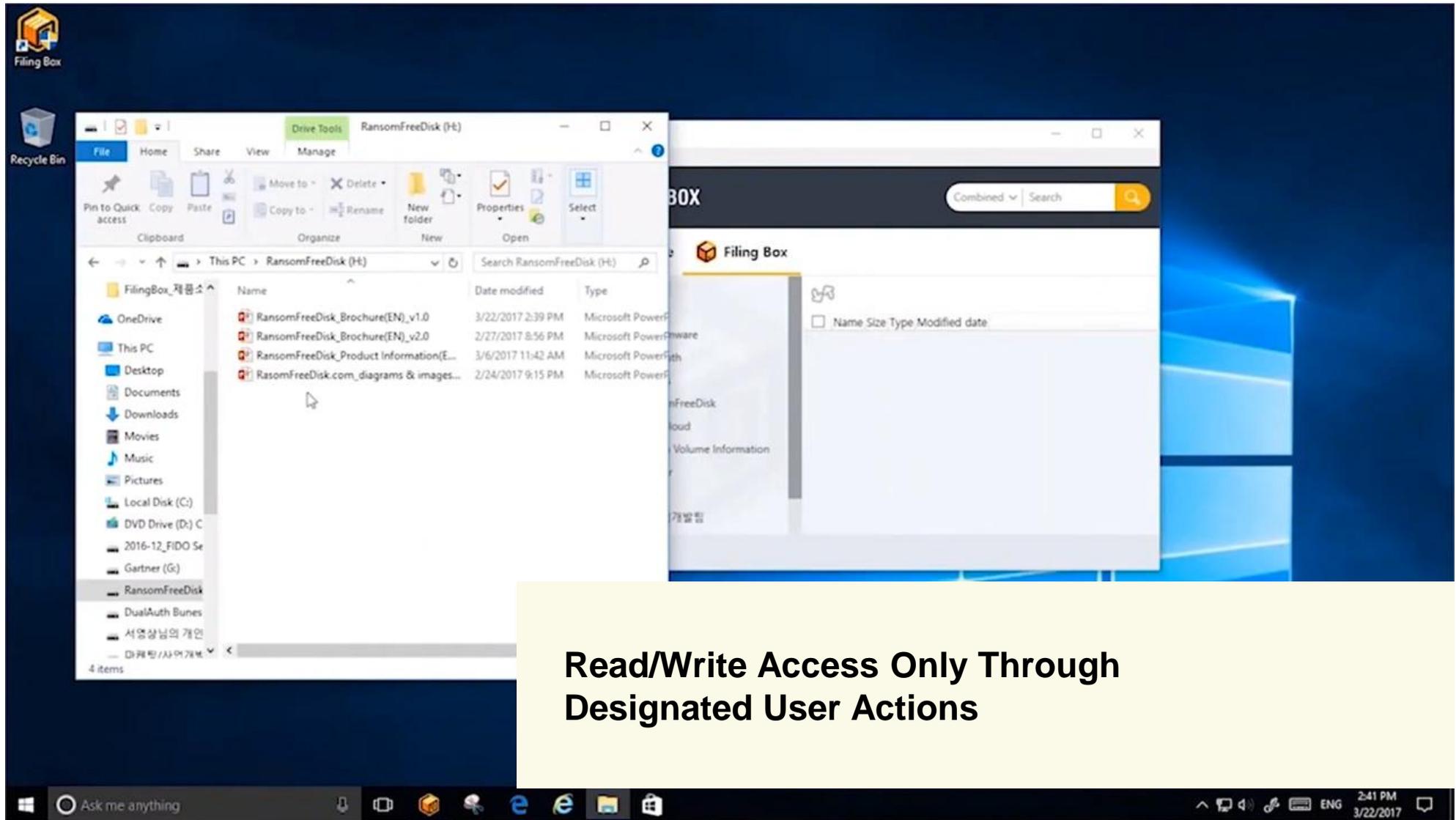


FILINGBOX ENTERPRISE

FilingBox Enterprise, a user-action-level storage protection solution, provides data only when a user requests to open a file together with an edit/open action.

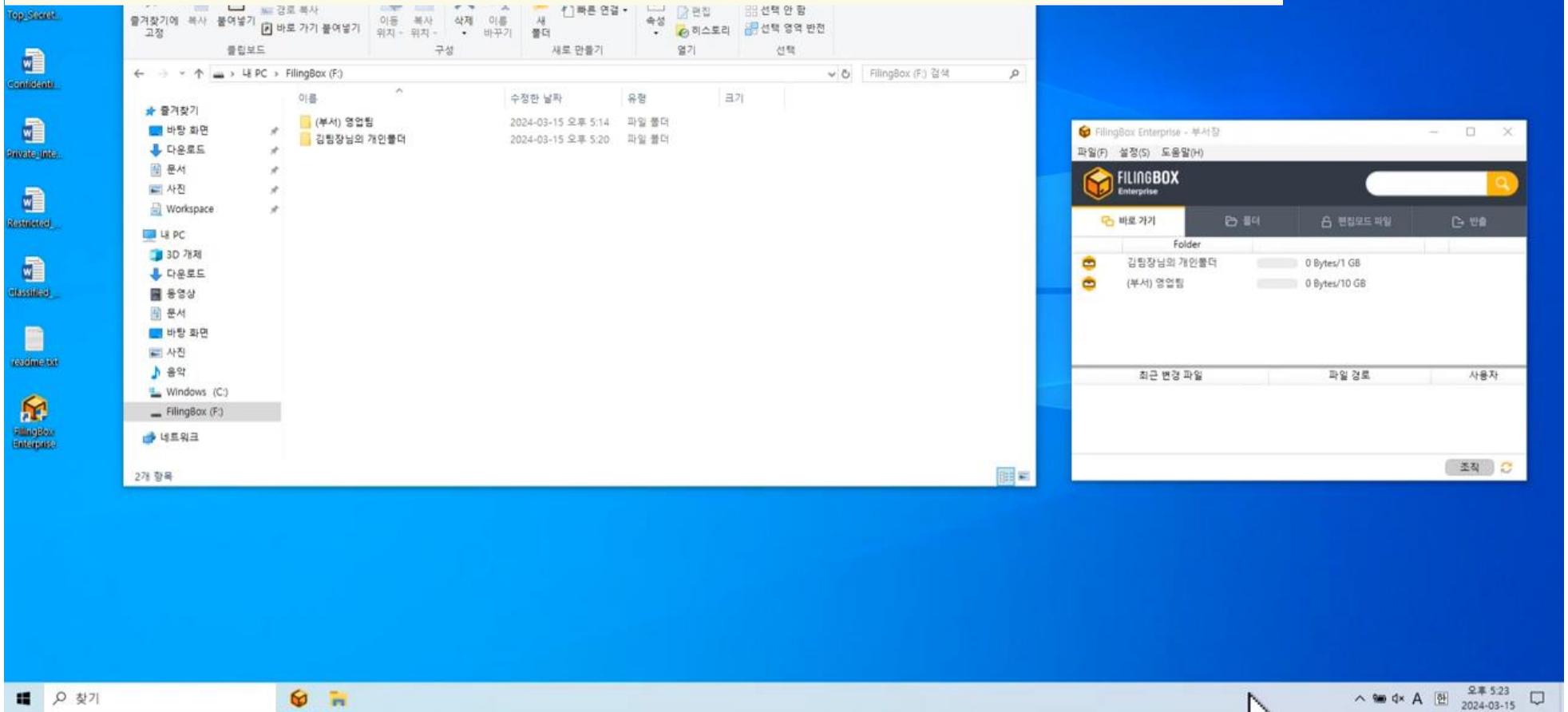
For any other data access requests, it supplies read-only data instead. This technology protects data within the storage in advance from ransomware attacks. (GS Certification)

01 Product Overview



<https://youtu.be/5ycXaHBV-0Y>

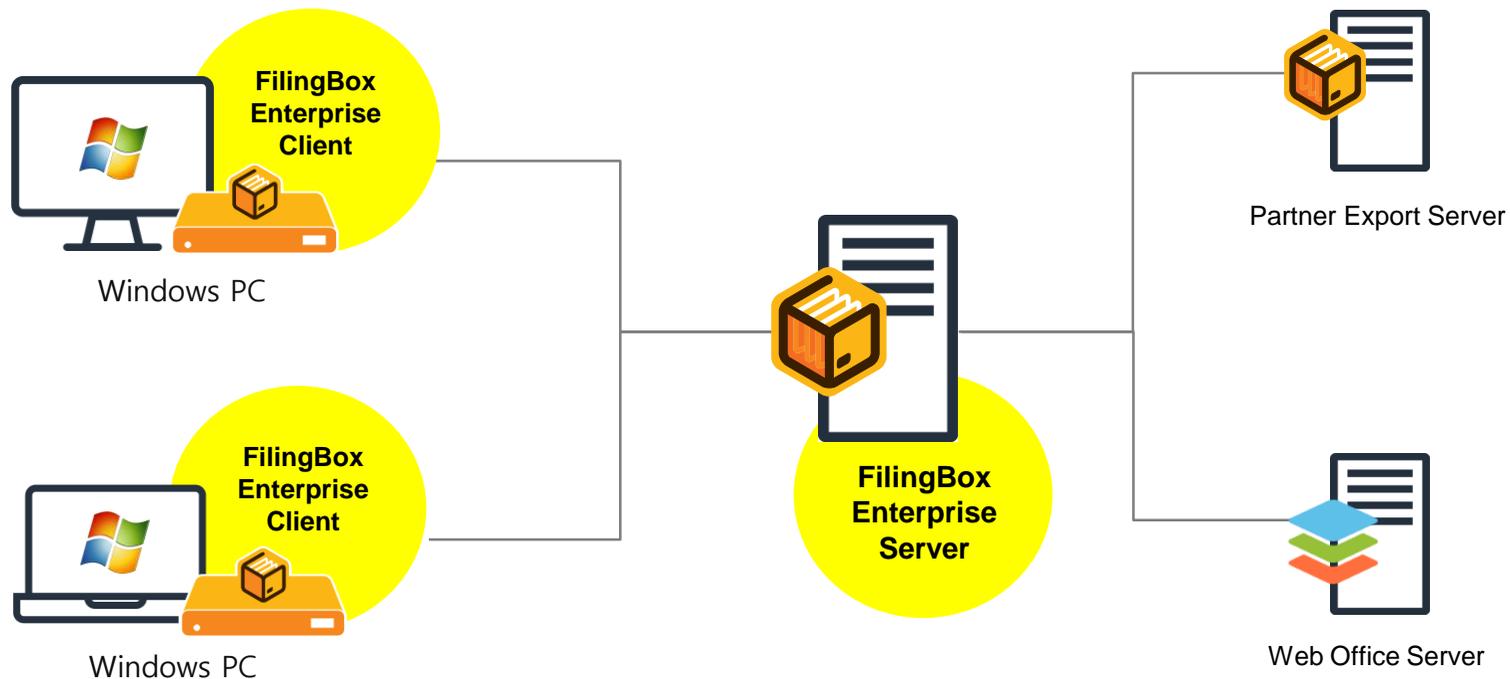
Document Classification System with Team Manager Permissions VS Document Classification System with Team Member Permissions



<https://youtu.be/U7m03gCA0TM>

FilingBox Enterprise Architecture

FilingBox Enterprise is a user-action-level storage protection solution composed of a server and a client. The Enterprise Server is installed on a Linux-based device and integrates with large-capacity storage systems. The Client is installed on Windows PCs, providing a secure drive that blocks ransomware after user authentication. For secure document collaboration with partner companies, an Export Server can be added. Additionally, a Web Office can be included to defend against document-based malware.



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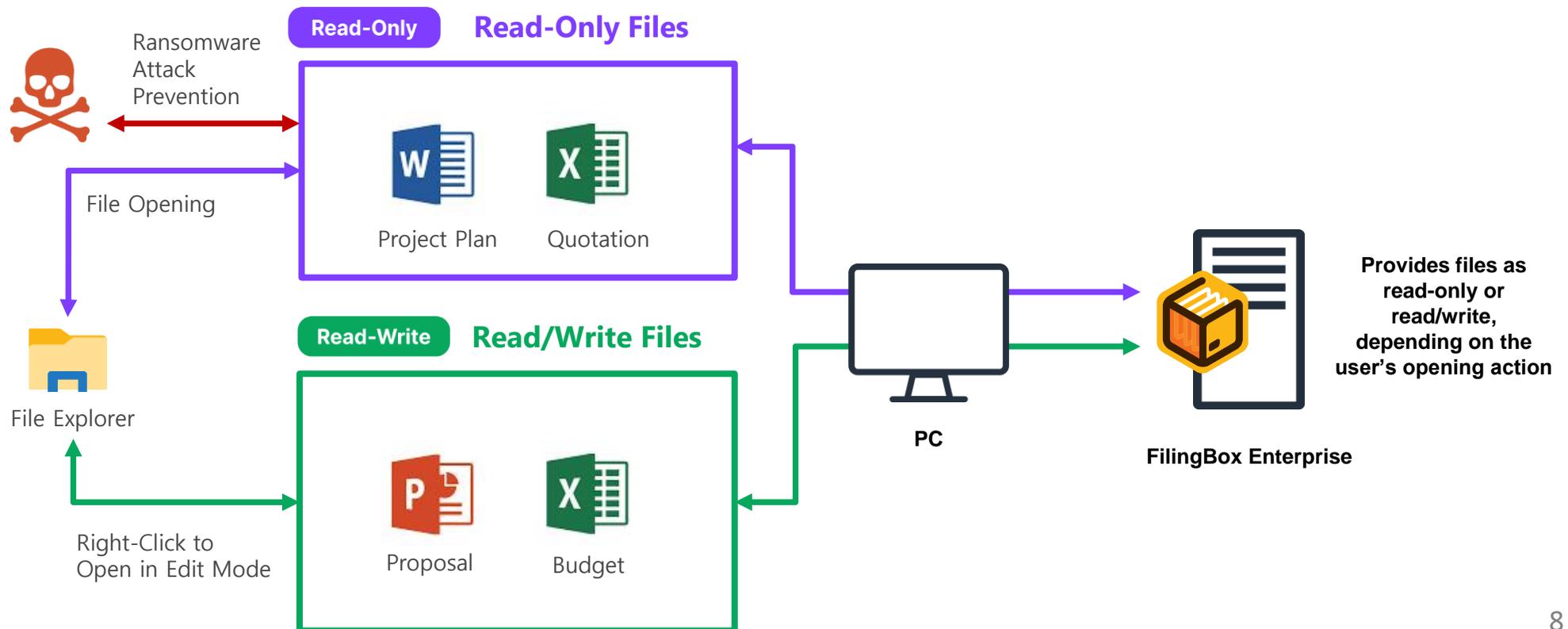
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02 Key Features

Feature 1 – User–Action–Based Ransomware-Prevention File System

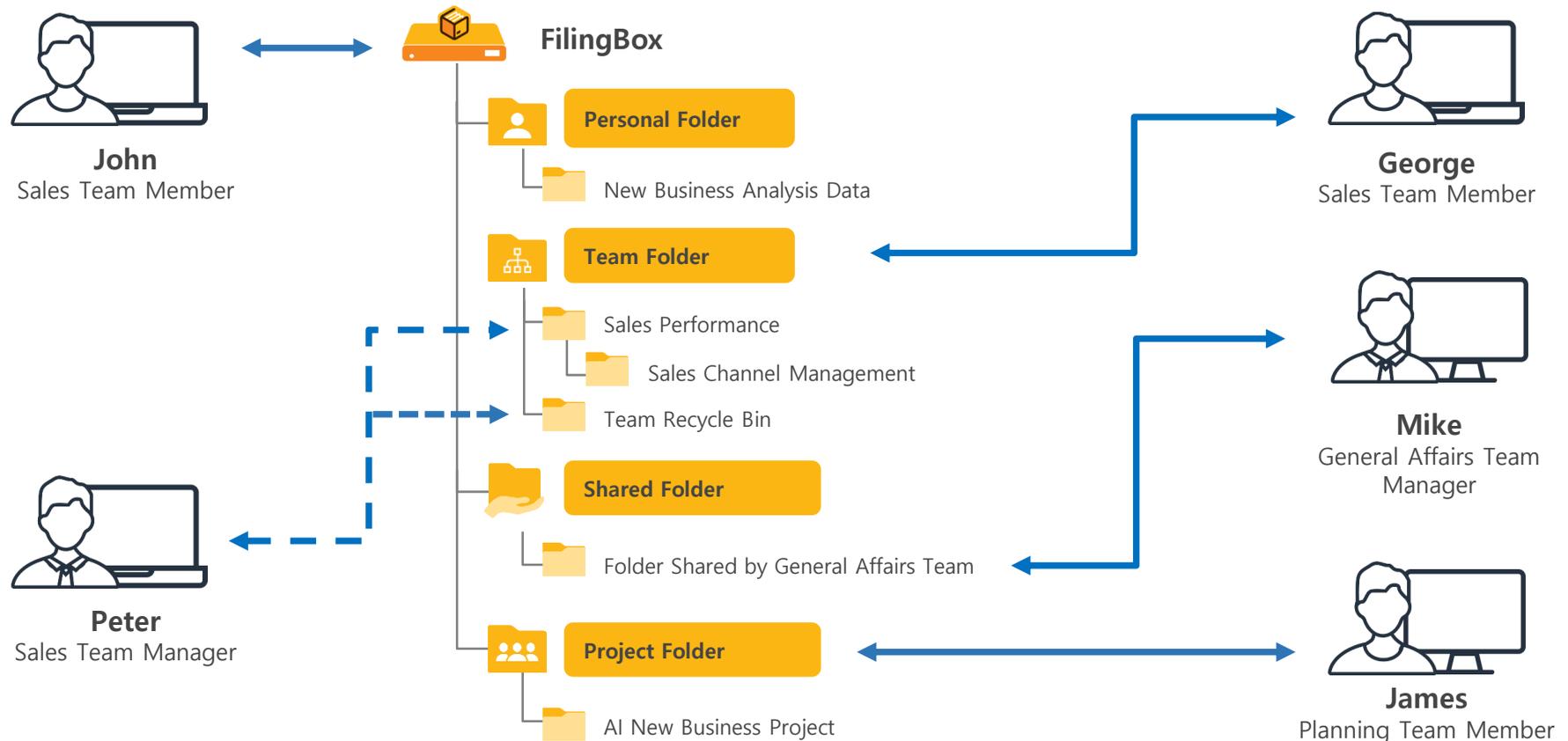
FilingBox Enterprise provides data with read/write attributes only when a user performs a clear action—for example, right-clicking a file and selecting “Open in Edit Mode.” In contrast, simple viewing actions—such as double-clicking a file—only grant read-only access, fundamentally preventing ransomware or unauthorized applications from encrypting or modifying files. Through this mechanism, users can maintain a normal work environment while keeping their data fully protected from ransomware threats.



02 Key Features

Feature 2 – File Management System for Corporate Document Management

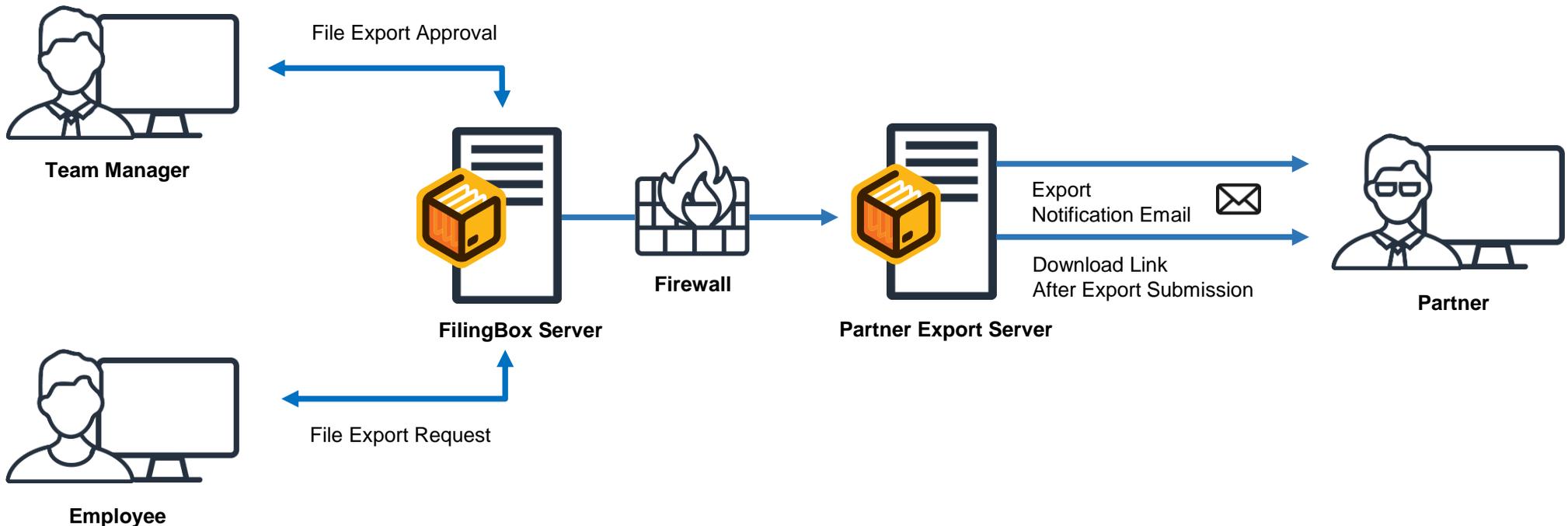
FilingBox Enterprise provides a corporate file management system that allows company documents to be organized and managed systematically into personal folders, team folders, project folders, and shared folders. This enables employees to safely store the documents they need and to easily share and manage data between teams or projects. In particular, team folders allow team managers to create one- or two-level classification folders to set standards for document classification, configure shared folders so that other team members can access the data, and restore deleted files within the team, allowing the organization to operate documents more systematically and manage them more efficiently.



02 Key Features

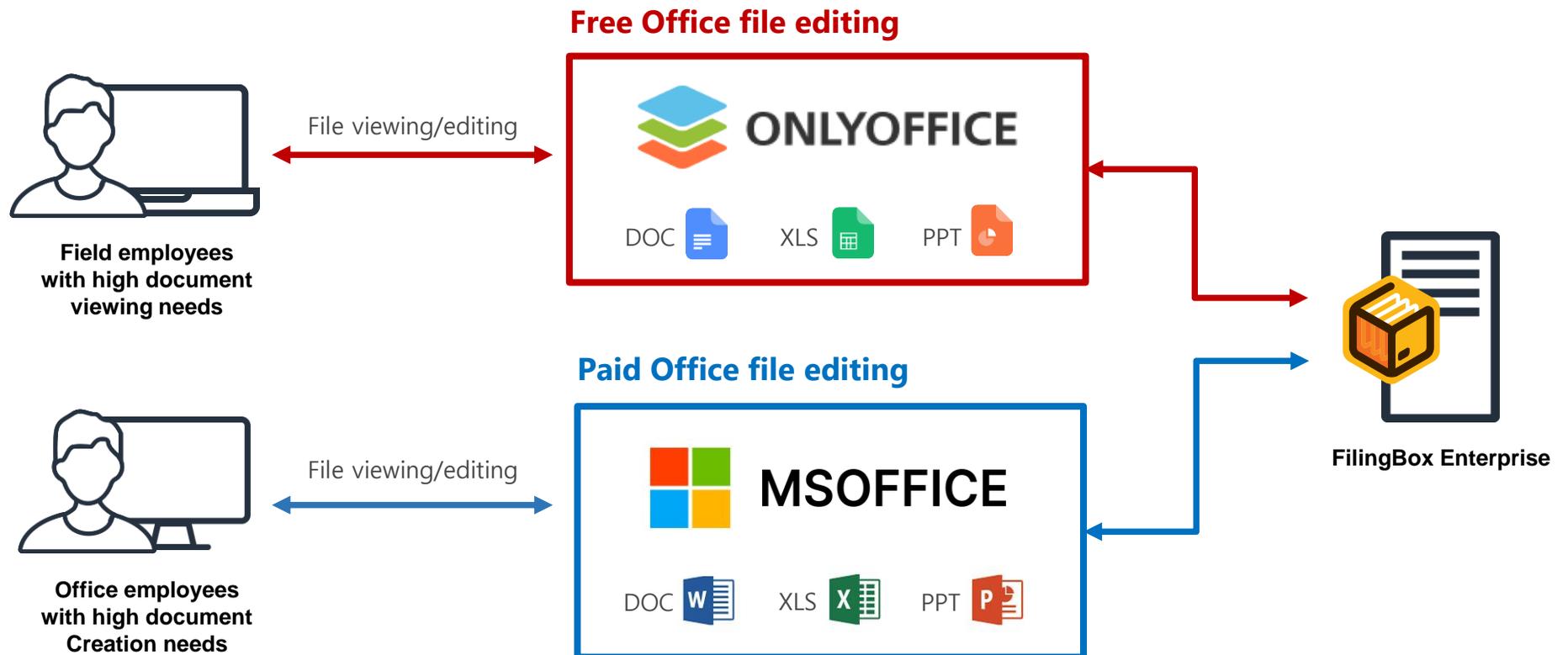
Feature 3 – Export Management System for Secure Document Sharing with Partners

FilingBox Enterprise provides an export management system that ensures security when sharing documents with external partners. When employees request to export files externally, approval from the team manager is required, and only approved documents are delivered via the Export Server. External partners can download the documents through a secure link provided in a notification email, with a password required at download to prevent unauthorized leakage. This system allows companies to maintain both collaboration efficiency and document security.



Feature 4 – Cost-Effective Document Management System Integrated with Free Office

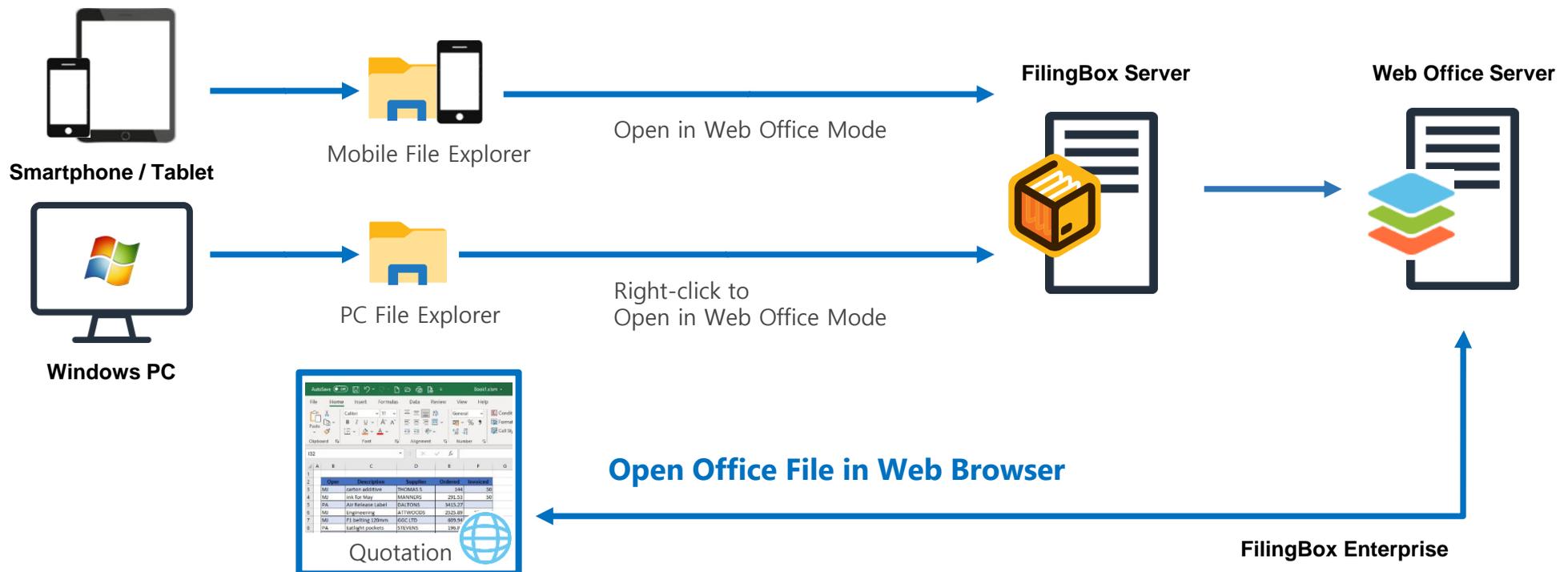
FilingBox Enterprise supports the free office suite OnlyOffice, allowing companies to create and manage documents economically and efficiently without purchasing paid office software. Through OnlyOffice installed on PCs, documents can be easily shared with production or field employees, while maintaining high compatibility with paid office suites—enabling smooth collaboration between employees who frequently create documents and those who mainly view them. It also supports various file formats such as DOC, XLS, and PPT, helping organizations build a secure and cost-efficient document management environment without additional expense.



02 Key Features

Feature 5 – Document Management System Integrated with Web (Web Office Sold Separately)

FilingBox Enterprise supports a web office to allow secure document editing regardless of location or device. Employees who frequently move can directly view various document formats such as DOC, XLS, and PPT through a smartphone or tablet web browser, while office workers can access documents without installing office software on their PCs. When an office file is opened via right-click, it launches in a browser-based web office, enabling document viewing and editing even without locally installed office programs. In particular, not only files stored in FilingBox but also documents on the desktop can be opened and edited through the web office, eliminating the need for office installation while effectively blocking document-based malware attacks.



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Awards

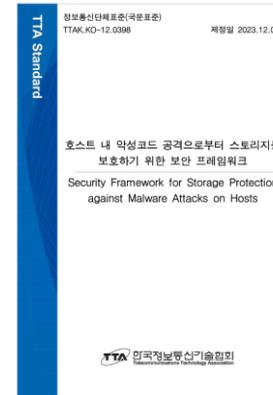


IR52 Jang Yeong-sil Award

The Minister's Award

The Commissioner's Award

Standard Technologies



<https://tta.or.kr/tta/>



<https://www.itu.int/rec/T-REC-X.1220>

Presentations



https://youtu.be/0BokcJ6ZmLI?list=PLQqkkIwS_4kV0fRMgyl8F3oAejtjTV98&t=8671



https://youtu.be/xVZBZ_MM4_I



<https://youtu.be/Vct8PdaU34k>



<https://youtu.be/rBUK45fdBTY?t=838>



<https://youtu.be/CGKFihLeTZO>

Certificates



ISO/IEC 25023, 25051, 25041



03 Achievements & References

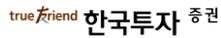
Finance



KB Card – Established a collaborative file server for protecting personal information of internal staff and partner companies.



Mirae Asset Life Insurance – Implemented a secure file server system for collaboration.



Korea Investment Partners – Deployed a secure file sharing system for ransomware defense and data protection.

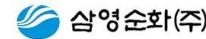


M Capital (formerly Hyosung Capital) – Built a business data backup system in response to ransomware threats.

Enterprise



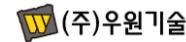
CMB Daejeon Broadcasting – Introduced a file sharing system to prevent ransomware attacks.



Samyoung Soonhwa – Provided a file sharing service based on Microsoft Azure.



A-Sung Korea – Established a secure file sharing system for ransomware protection.



Woowon Technology – Implemented a file sharing system to enhance data security and prevent ransomware.

Public Sector



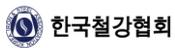
Statistics Korea – Built a centralized document management system for national census data.



Korea Railroad Corporation (KORAIL) – Established a secure file server to protect important data on user PCs of the next-generation procurement system and prevent ransomware.



Korea National Oil Corporation – Built a PC data backup and sharing system for ransomware response.



Korea Iron & Steel Association – Implemented an integrated document management system.



Andong City Hall, Gyeongbuk Province – Deployed a secure web hard drive system to prevent ransomware.



Danyang County Office, Chungbuk Province – Built a PC data backup system for ransomware response.



Jindo County Office, Jeonnam Province – Established a cloud-based file sharing system for internal staff collaboration.



Boeun County Office, Chungnam Province – Introduced a secure web hard drive system to prevent damage or leakage of administrative data from employee PCs.



Chilgok County Office, Gyeongbuk Province – Built a file sharing system for ransomware defense and team collaboration.



Namdong District Office, Incheon – Established a centralized file management system.



Daedeok District Office, Daejeon – Built a PC data backup system for ransomware response.



Buk District Office, Gwangju – Built a cloud storage system aimed at preventing ransomware.



Chungbuk Education Research & Information Institute – Introduced a file sharing and collaboration system to advance the “Chungbuk Communication Messenger.”



KCL (Korea Conformity Laboratories) – Built a file sharing system for ransomware preparedness.



National Center for the Rights of the Child – Established a secure file sharing system (formerly Central Adoption Services).

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Storage Protection for Safeguarding Data from Malware Attacks

FilingCloud is a technology company that provides storage protection solutions designed to protect data from ransomware and data-stealing malware. Storage protection technology protects data from the storage perspective, and depending on how it operates, it is categorized into application-level, folder-level, and user-action-level storage protection. These technologies are officially recommended by the International Telecommunication Union (ITU), a United Nations specialized agency, as ITU-T X.1220 and ITU-T X.1560, and have been recognized for their outstanding usability and security by obtaining Common Criteria (CC) certification under the International CCRA. Storage protection is a core technology for data protection in the era of Zero Trust. To promote ESG realization, FilingCloud offers free licenses to medical institutions worldwide.

Storage Protection Technology for Data Protection in the Zero Trust Era

Application-Level Storage Protection



FILINGBOX MEGA

Protects data on Linux and Windows servers.

Folder-Level Storage Protection



FILINGBOX GIGA

Protects data on NAS systems, professional environments, and AI/OT/IoT devices.

User-Action-Level Storage Protection



FILINGBOX ENTERPRISE

Protects and manages data for enterprises and public institutions.



- Company : FilingCloud
- Website : www.filingbox.com
- General Inquiry : support@filingbox.com

Request Implementation

- Address : 130 Digital-ro, Suite 1311, Gumchon-gu Seoul 08589
- Telephone : +82-2-6925-1305
- Business Inquiry : sales@filingbox.com



Thank you