

EFSS with Secrata:

Secure, Accessible ePHI for Comprehensive Healthcare

challenge



Healthcare and other organizations dealing with both patient and proprietary information must comply with stringent HIPAA regulations on secure data storage and transfer. Transferring this sensitive and private information, also known as electronic protected health information (ePHI) using FTP, email attachments, and even many secure file sharing applications does not ensure proper security or regulatory compliance.

To provide optimal care and service in today's rapidly changing healthcare environment, organizations and individual providers must be able to access and share a vast and diverse amount of ePHI quickly, efficiently and securely. To do so, the information must be absolutely secure where it is created, stored, and accessed and while it is being transferred. End-to-end encryption alone does not secure ePHI and does not meet HIPAA requirements.

In addition to HIPAA security requirements, treatment-related ePHI must be accessible to organizations as diverse as health plan and insurance providers, physicians, social workers, research facilities, and hospitals. Accessibility in these settings means that information must be both available and reliable, and it must be accessible on different devices and from multiple sources.

This accessibility requires that all ePHI must be protected beyond the individual enterprise—that is, a physician who needs access to treatment-related ePHI may need to access information from his office or from a hospital or surgical center, or in emergency situations, from his smartphone or laptop. Current secure file sharing applications and cloud services do not meet HIPAA regulations under these conditions. These same applications and services cannot ensure the accessibility of that information to the necessary array of individuals and organizations, across devices and from diverse sources.

EFSS with Secrata

Enterprise File Sync and Share (EFSS) with Secrata is a secure file sync and share service that meets the tight privacy requirements of HIPAA and allows the comprehensive, secure sharing of information that is essential in today's dynamic healthcare environment. With EFSS, ePHI can be shared securely across enterprises, from different devices, and stored in different locations.

Information and files are shared in invitation-only workspaces, and data is protected when accessed, managed, transferred, and stored. EFSS is a trusted cross-enterprise solution that leverages on-site file repositories, cloud file storage services, and hybrid solutions and services, securely and reliably.

Unlike cloud services and file repositories, EFSS never stores or moves ePHI in the clear—all files are shredded into chunks, and each chunk is encrypted individually before those chunks are stored or moved. As well, the passwords and keys to re-assemble ePHI files are never stored on EFSS servers. This means that patient-related ePHI and other sensitive information cannot be hacked or accessed by unauthorized users.

When a healthcare organization or individual provider must access ePHI, EFSS with Secrata's multi-tier security architecture provides the secure accessibility required by HIPAA and necessary in both daily and emergency and ad hoc treatment scenarios.



Unmatched Security: File shredding and multi-layer encryption, over the wire and at rest, files are "chunked" and individually encrypted and can only be reassembled by an authorized recipient with specific encryption keys



Control of Your Own Cloud: EFSS allows all ePHI to be registered where it resides—on network storage behind an enterprise firewall, on mobile devices, and from other cloud services



Searchable, Cataloged Content: By creating a catalog of all ePHI files, EFSS enables secure file browsing, search, management, sharing, and access through a single interface



Authentication: All individuals must be invited and authenticated before accessing any ePHI

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