



The successful deployment of online healthcare applications raises significant challenges including ensuring patient privacy and the security of patient information. The very openness of the Internet and email makes online use of patient information inherently vulnerable. Impending government privacy regulations such as the Health Insurance Portability and Accountability Act (HIPAA) and 21 CFR Part 11 include proposed security and privacy regulations that will require that all individually-identifiable healthcare information be protected to ensure privacy and confidentiality when electronically stored, maintained or transmitted.

The Inter-Business Vault™ offers a HIPAA compliant system that fits the needs of any sized healthcare organization by providing global access to and sharing of information in a secure and private manner, anywhere, anytime. Based on Cyber-Ark's patented Vaulting Technology™, the Inter-Business Vault provides a truly secure, extended enterprise by providing an infrastructure that allows for completely transparent, yet totally secure inter-business communications over the Internet. Hospitals, primary care physicians, health plan providers and pharmaceutical companies are thereby able to utilize the Internet as a primary business tool for facilitating efficient and secure communications with key parties without the worry of unauthorized access to vital patient information.

The Inter-Business Vault can be integrated into critical processes, such as:

- Computerized Practitioner Order Entry (CPOE)
- Computer-based Patient Records (CPR)
- Practice Management Systems (PMS)
- Error Reporting
- Adverse Effect Reports (AER)
- Case Report Forms (CRF)
- New Drug Applications (NDA)
- Billing

With Cyber-Ark's patented Vaulting Technology, a wide array of specific HIPAA and 21 CFR part 11 requirements can be achieved, including:

- Access Control
- Audit Control
- Authentication Control
- Communication/Network Control
- Data Authentication
- Information Access Control
- Internal Audit
- Digital Signature
- Entity Authorization

Key challenges that healthcare organizations face when extending any patient-related content beyond the confines of their network include:

- Ensuring patient-specific or other confidential information leaving the organization is kept private and secure.
- Protecting the enterprise and network from inbound threats like viruses.
- Increasing patient services and facilitating collaboration with partners without making major modifications to the existing technology infrastructure.
- Minimizing costs associated with services and collaboration, and reducing communication liabilities.
- Moving paper-based processes to the Internet to leverage cost savings and enhancing services without jeopardizing patient privacy and without risking non-compliance with government regulations.

Using the Inter-Business Vault, healthcare organizations can overcome all of the challenges above, taking advantage of the product's unique capabilities:

- Information in the Inter-Business Vault is extremely secure during storage as well as during transmission. The Inter

Business Vault's sophisticated multi-layer security architecture enables an organization to maintain full control over its information assets, even when sharing them over the Internet.

- Files that are placed inside the Vault can be programmed to be stripped of any potential code, whether it is a Microsoft Office macro, email VB script or a plain executable. This black and white approach guarantees that files that are shared with a certain entity are always virus-free.
- Instead of trying to protect every nook and cranny of the enterprise, Cyber-Ark's Vaulting Technology focuses on protecting an organization's most important information and communications. The Vault works independently of the existing network infrastructure, protecting it from security threats and misuse.
- The Inter-Business Vault enables healthcare organizations to rapidly deploy file sharing and distribution, while increasing inter-business connectivity, enhancing the level of security, significantly improving productivity and significantly cutting enterprise costs on securing extranets.

HEALTHCARE

FEATURES

- The highest level of security for inter-business information sharing over the web.
- End-to-end security protecting data during storage in the Inter-Business Vault and during transmission.
- Full automation and integration capabilities.
- Enterprise level infrastructure for secure, high-performance inter-business information sharing.
- Transparency to end-users.
- Supports standard protocols such as HTTP, FTP, and CIFS.
- Ready to use; there is no need to implement any other security or collaboration products in order to immediately start sharing information securely.

KEY BENEFITS

- Streamlines patient services and facilitates collaboration with healthcare partners.
- Cost savings by using Internet infrastructure, therefore eliminating the need for dedicated leased lines, VANs and VPNs.
- Secure, real-time relationships with healthcare customers and partners, providing unprecedented customer service and improving customer retention.
- Rapid deployment.
- Strong, rapid, proven ROI.



Vaulting Solutions - Always Secure, Always Accessible™

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