

IT Design and Security Processes

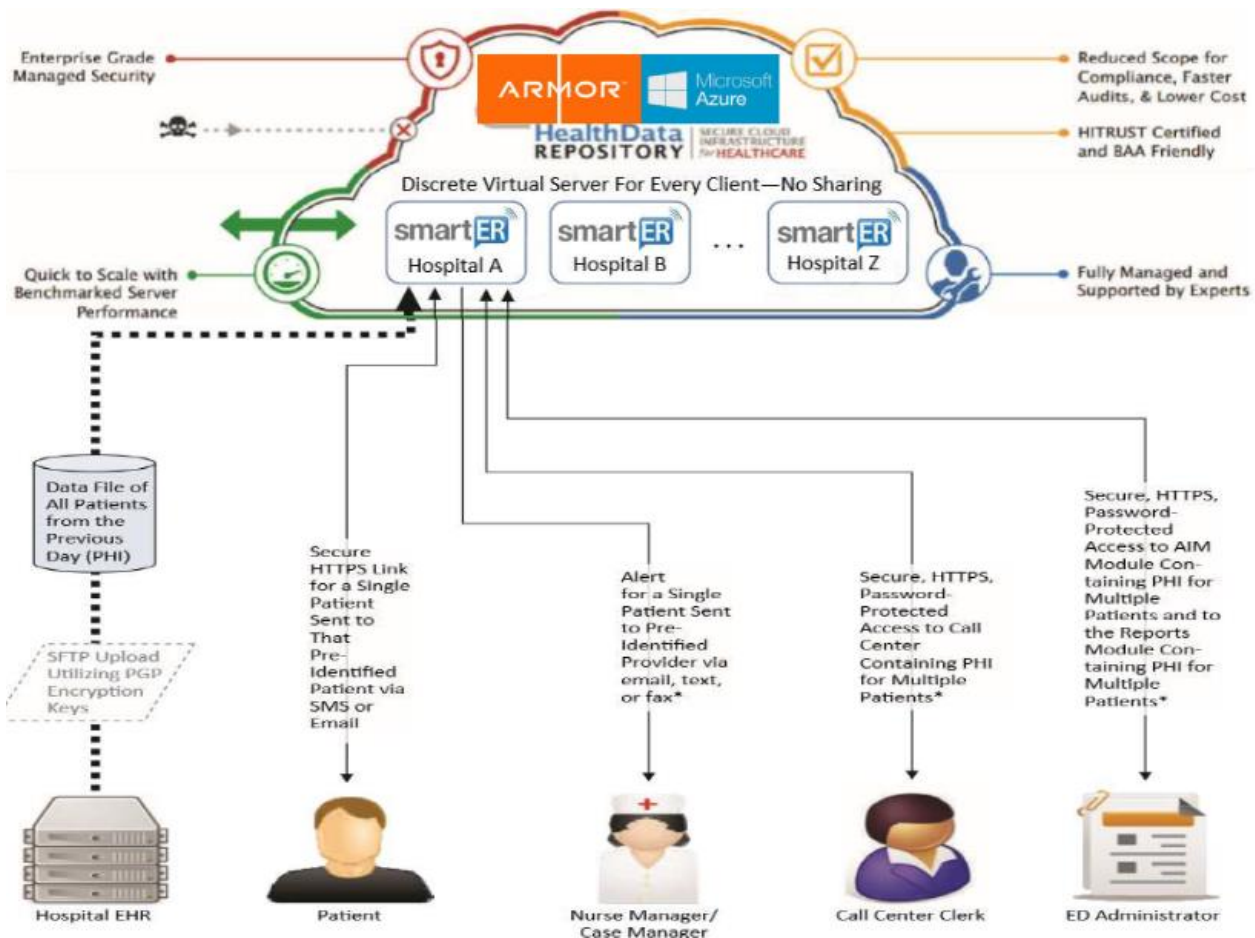
Overview

SmartER is a technology company that automates patient-provider communication using a SaaS platform.

SmartER complies with patient privacy and data security requirements defined by HIPAA and HITECH. Limited PHI including 10 required and 16 optional data fields are abstracted from the EMR.

A scheduled daily feed from the client hospital's EHR is automatically and securely uploaded to the SmartER cloud server. All patients seen in the department the prior calendar day can be abstracted the following morning

Network Diagram



Data Security Features

- Hosted on the [Microsoft Azure](#) platform, using single tenancy for each client
- [Armor](#) is used for security threat protection with HITRUST and PCI DSS Level 1 certifications and third-party audits
- Strict authentication with extended validation certificates
- Role-based authorization and access control with multiple-layer passwords and audit trails
- OAuth-2 (Token based) authentication
- 256-bit SSL encryption encryption of PHI data at rest and during transmission
- Automated data backup and restore modules setup in different servers/regions for disaster recovery
- Secure FTP for data transfers and SSH for server access
- Automated deployments for continuous integration and delivery

Overview

Clients have access to 24/7 technical support.