



Medical Outcome System



THE CLOUD

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In Home Screening

ABOUT the Cloud





Cloud what is it?

When talking about In Home Screening Portal, we are talking about utilizing a cloud computing system.

It's helpful to divide it into two sections: the **front end** and the **back end**. They connect to each other through a network, usually the Internet. The front end is the side the computer user, or client, sees. The back end is the "cloud" section of the system.

The front end includes the client's computer (or computer network) and the application required to access the cloud computing system.

On the back end of the system are the various computers, servers and data storage systems that create the "cloud" of computing services.





HIPAA & the Cloud

HIPAA Secure, the IHS Portal employs an industry-recognized IPAA-compliant Cloud that features multiple layers of protection to help keep electronic protected health information (ePHI) secure, limits and monitors access to ePHI, defends against and mitigate cyber assaults and threats.

The firewall and router configurations built and maintained with HIPAA compliance in mind with industry best practices for installation, configuration and patch installation of managed servers and associated network devices

Above & Beyond the requirement for HIPAA compliance :

- Firewall
- SSL and IPsec VPN
- Internal Vulnerability Scanning
- Web Application Firewall (WAF)
- Security Event Log Management (SELM) and Monitoring

- Intrusion Detection and Prevention System (IDPS)
- Multi-Factor Authentication
- External Vulnerability Scanning
- File Integrity Monitoring (FIM)





Regulatory compliance

Not Just HIPAA...

Our data center is audit-ready for a wide array of regulatory requirements :

SSAE 16

Food and Drug Administration

Payment Card Industry (PCI) Data Security Standard (DSS)

ISO 27001

European Commission's Directive on Data Protection ("Safe Harbor")

Sarbanes-Oxley (SOX)

Gramm-Leach-Bliley (GLBA)

