UDS-PRO Doc™ System Technical Specifications

UDS-PRO Doc™ System Technical Benefits

**Smart Client Technology:** The system uses Microsoft’s new “smart client” technology. Microsoft® smart client applications combine the ease of use of Microsoft® Office desktop applications, the performance of client-server applications, and the reach of the Internet. The result is unparalleled ease of use and performance within a secure, multi-user database environment. Utilizing this technology, the UDS-PRO Doc™ System can be accessed through any Internet-enabled computer—and, at the same time, the system can interface with any hardware device (e.g., scanners) on the user’s computer or network.

**Powerful Interfacing:** The system uses an HL7® interface to communicate with other hospital information systems already in use, providing the power to pull all the patient’s information into the UDS-PRO Doc™ System and to have all the critical information on display in one place. The interface improves efficiencies between hospital systems, eliminates errors due to “double data entry,” and ensures accurate information across all systems.

**System Setup Solutions**

**Cloud Computing—An Internet-Based Solution:** This solution is recommended for facilities with a small IT department or no IT department, as well as facilities with a small number of end users. In this scenario, the servers are located at UDSmr. The system provides users with 24/7 access 365 days a year. All data transfers are secured using the latest industry standards and encryption protocols. Documentation system users must connect to the facility via a secure connection in order to access the system. Automated backups and system upgrades are provided.
without any interaction with your IT department. All server and software management is provided by UDSmr as part of your subscription and maintenance costs. Because the UDS-PRO Doc™ System is located “in the cloud,” it will still be accessible even if your internal servers are not available; however, like all cloud systems, the UDS-PRO Doc™ System requires sufficient Internet bandwidth to facilitate a quick response time. The exact bandwidth requirement depends on many factors: (1) your facility’s allocation of bandwidth, (2) the number of users, and (3) the time of day. We provide a software trial period that can help you analyze the speed of the system on your computers and your bandwidth needs prior to implementation.

On-Site, Server-Based Solution: With this solution, the UDS-PRO Doc™ servers are located in your facility’s computer room and are local to your internal networks. Your facility is responsible for acquiring servers, maintaining them, and backing them up on a regular basis; UDSmr is responsible for managing and supporting the documentation software on the server. All support is provided remotely via the Internet. This solution is ideal for facilities that lack sufficient Internet bandwidth to facilitate a quick response time from the documentation system, facilities with a large number of end users, and facilities with sufficient internal IT support. A server-based solution provides a very fast response time to your end users. It also eliminates the need for confidential patient information to travel over the Internet, thus minimizing the liability of a data breach, however remote the possibility. Finally, it ensures that all personal health information (PHI) is maintained and housed at the facility with other PHI.

Required Hardware Specifications

- Intel® Core™ i5 Desktop Processor or comparable processor
- 4 GB of RAM or higher
- Compatible scanner with TWAIN driver installed*
- Broadband Internet connection (T1 or higher)

Required Software Specifications

- Latest version of Microsoft® Internet Explorer
- .NET 4.6.2
- Latest version of Adobe® Reader®

Recommended Software Specifications

- Microsoft® Office 2010 or higher

Supported Operating Systems

- Windows® 7
- Windows® 10
- Citrix
- Windows® Server 2008
- Windows® Server 2012

* This is only a requirement for utilizing the system’s scanning function to scan documents and attach them to a patient record.