



MD-Staff

Web Based Credentialing Software

Simple, Innovative & Comprehensive

MD-Staff is a comprehensive, web-based credentialing system built using the latest technologies and over 25 years of experience. Based on our highly successful Windows-based application, MD-Staff integrates innovative Internet technologies to automate the credentialing process while remaining simple and easy to use.

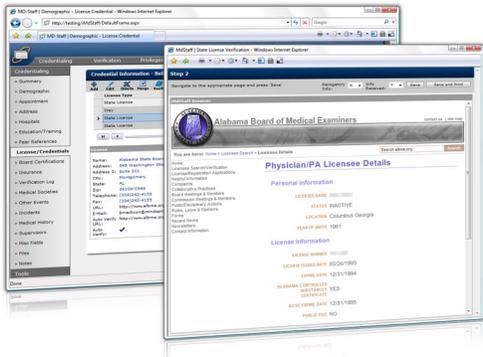


Applied Statistics & Management, Inc.

<http://www.mdstaff.com>

Why Web Based?

Web Scraping & Web Services



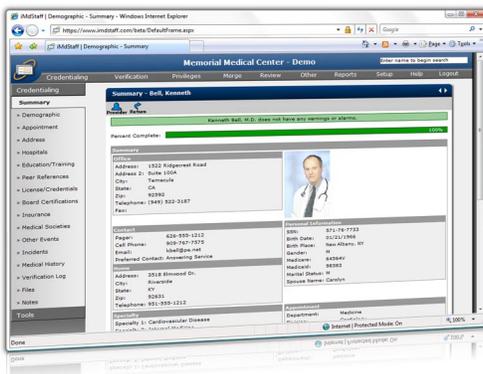
A vast amount of information is available on the Internet and the ability to access this information is important to the management of most enterprises, including the Medical Staff Services. Contrary to the antiquated belief that credentialing information is strictly confidential and therefore not available via the Internet, today an increasing number of regulatory agencies such as the National Practitioner Data Bank, ABMS®, NTIS, OIG, EPLS and state licensure boards provide such information online. MD-Staff includes a proprietary web crawling & web scraping engine that automatically collects valuable data from these sources which drastically reduces workloads while simultaneously increasing accuracy.

Always Available

Web-based applications offer superior availability compared to traditional desktop applications due to the fact that they only require a web browser and an internet connection to operate. This allows the application to be used anytime from anywhere in the world. This flexibility enables users to be more productive by allowing them to work from a variety of locations. Disaster recovery plans are also simplified due to the high availability and geographic flexibility of web-based applications. MD-Staff is a completely web-based application thus providing unparalleled availability, while allowing for maximum flexibility.



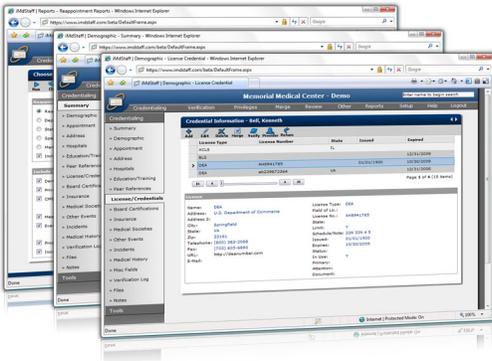
Zero Client



Computer software is becoming increasingly more advanced and sophisticated, thus providing a wide array of features that help to streamline and automate many processes. Web-based applications afford all the benefits of a modern software system while reducing costs by focusing the workload on the server and minimizing the demand on the workstation. Along with reducing costs, web-based applications are very simple to deploy since they only require a web browser to use the system. MD-Staff is a true zero-client, web-based application that streamlines and automates the credentialing process while reducing overall cost.

System Overview

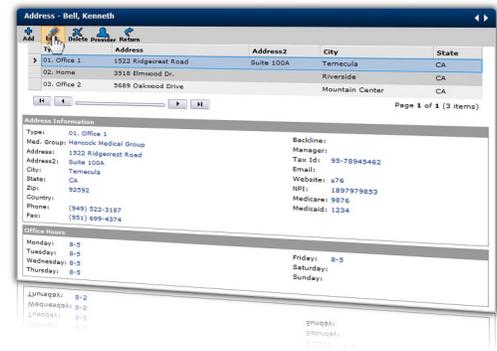
All Inclusive



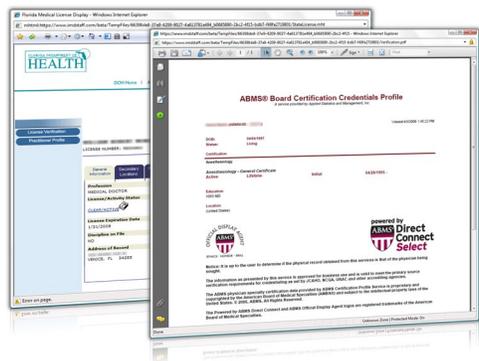
MD-Staff is a comprehensive credentialing system that includes all of the modules needed to streamline and automate the credentialing process. The foundation for MD-Staff is an extensive, highly relational database that stores nearly every data element relating to a provider. All of the modules in MD-Staff are built upon this single powerful database, thus allowing them to work seamlessly with each other. Unlike other credentialing systems, all of the modules are included in MD-Staff thus drastically reducing overall cost while providing the maximum amount of features.

Easy to Use

The web-based version of MD-Staff is a feature rich enterprise level credentialing system, yet it is still very user friendly and intuitive. Based on our highly successful Windows version of MD-Staff, the web-based version takes usability to a new level by utilizing the most advanced web-based technologies to make the application fast, responsive and easy to understand. Along with being easy to use, MD-Staff also automates many tedious credentialing processes, thus drastically reducing workloads while increasing accuracy.



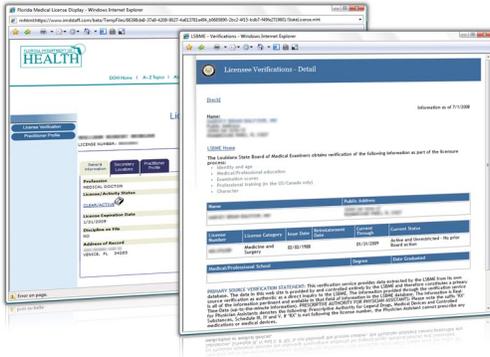
Online Verification



MD-Staff interfaces with numerous online verification sources in order to automate many of the verification processes. Verification can be done directly from MD-Staff for a single provider or a group of providers, drastically reducing the amount of time spent on verifying provider information. In order to further reduce the workload, batch verifications can be scheduled to run automatically on a monthly or weekly basis. With the ability to schedule automatic verifications, a provider's record can be verified and updated with no user intervention.

Web Scraping

State License



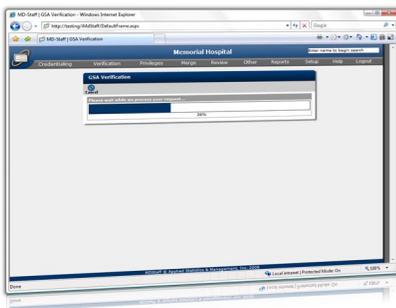
In order to help reduce the amount of paperwork, MD-Staff integrates state license verification with websites from nearly every state. MD-Staff's proprietary web crawler and scraper is able to visit a state license website, verify the provider's license, and update the provider's record in MD-Staff including license number, expiration date, and a copy of the license verification. MD-Staff is able to scrape data from the website and update the provider's record. Changes to the provider's record including a copy of the webpage are logged each time a license is verified.

NPI

National Provider Identifier (NPI) numbers are unique numbers used to identify providers. MD-Staff integrates with the NPPES NPI Registry to verify NPI numbers entered into MD-Staff. MD-Staff also integrates with the NPI Registry to fetch and store NPI numbers automatically. This completely eliminates the need for manual data entry which helps to improve accuracy along with saving time. NPI numbers can be verified and/or fetched individually or in a batch. This means MD-Staff can fetch the NPI numbers for all of the providers in the database in a matter of seconds.



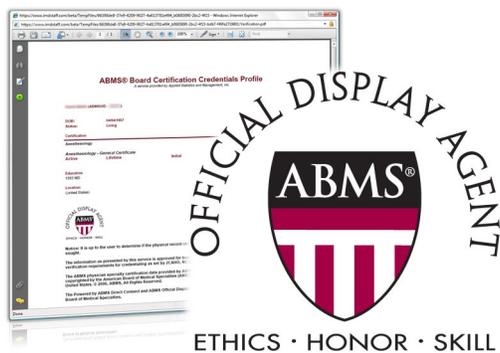
OIG/EPLS



The OIG and EPLS maintain exclusion lists of providers that must be checked during the initial application process and the reapplication process. This is necessary because any services performed by these providers may not be reimbursed by government agencies. Although it is common practice to only check these exclusion lists every two years, the OIG and EPLS lists are actually updated monthly. MD-Staff completely automates the process of checking these exclusion lists thus allowing them to be checked more often. This helps to reduce overall risk while greatly reducing workloads.

Integrated Web Services

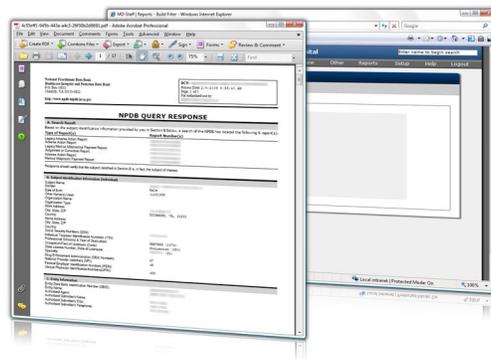
ABMS



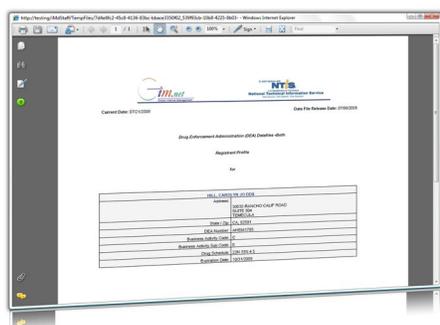
ASM is a subscriber to the ABMS® Direct Connect Select web service. This allows users to query the ABMS® database directly from our system. As an official display agent, the reports generated are valid for credentialing purposes and are considered primary equivalent source verifications on behalf of ABMS®. ABMS® queries can be processed in a batch or individually and the results are returned instantly. The results for each query are automatically stored in each provider's record, thus making the board certification verification process completely automated and paperless.

NPDB

The National Practitioner Databank has been fully integrated with MD-Staff. Users can submit queries, check for responses, save, download, and view reports all from within MD-Staff. MD-Staff uses a proprietary online ITP web service, allowing NPDB querying to be fully integrated with the credentialing system. The complete integration of NPDB with MD-Staff allows you to automatically download and save NPDB query reports to a provider's record without visiting the IQRS website or uploading files.



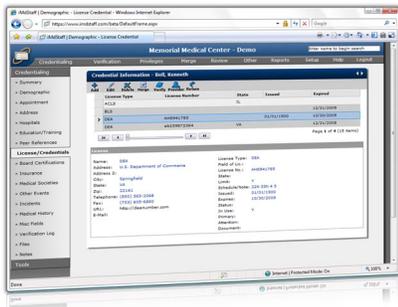
DEA



DEA certificates can be verified directly from MD-Staff. MD-Staff integrates with the NTIS database via an XML Web Service to provide instant primary source verifications for DEA certificates. DEA certificates can be verified individually from within a provider's record or batch verified using numerous different filters. The verification process not only stores a report generated by NTIS stating the status of the DEA certification, but it also updates the database to reflect the new status, schedules and expiration date. This helps to lower data entry and to reduce errors.

Core Modules

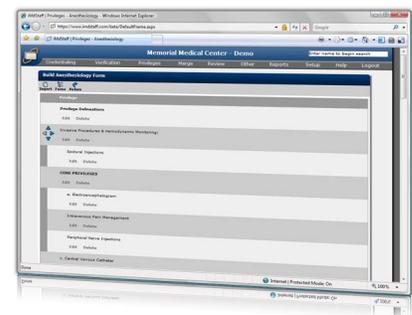
Comprehensive Credentialing



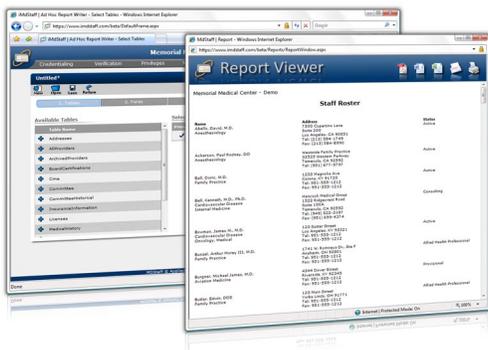
MD-Staff is built on a highly relational database which allows you to store virtually any piece of information related to a provider. Due to the database's relational nature, there are virtually no limits to the amount of data that can be stored within the system. Once a provider's record has been built, all of their references, licenses, credentials, board certifications and insurance coverage are verified by merging the appropriate letters and verifying certain items online. MD-Staff's robust workflow and alarm module helps you ensure that a particular file is complete and all of the items are verified.

Drag-and-Drop Privileging

MD-Staff's ability to collect and report providers' clinical privileges takes it one step further towards paperless credentialing. MD-Staff's privileging module provides a simple drag-and-drop user interface for creating and editing both core and "laundry list" style privilege delineation forms. The privilege form editor also allows you to import privileges and text from other forms to help standardize your forms and reduce data entry. MD-Staff integrates with E>Priv which allows other people in your organization (i.e. nursing staff, pharmacy, management, etc.) to view demographic and privilege data through a simple web-based interface.



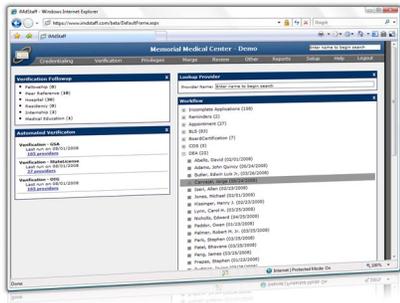
Extensive Reporting



MD-Staff's powerful reporting features include a large library of built-in reports, ad-hoc reporting, as well as merging capabilities with both Microsoft Office and Adobe PDF. Built-in reports include a wide range of rosters, summary management reports, and tickler reports listing expiration dates for license, insurance, board certification, and reappointment information. MD-Staff allows you to create custom reports using our proprietary ad-hoc report writer or Microsoft Word. All of the built-in reports and custom reports can be filtered on any one of MD-Staff's database fields, allowing you to report on only the data you need.

Task Automation

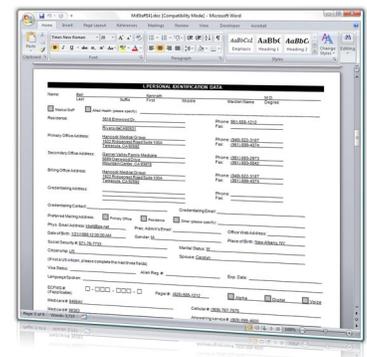
Workflow & Alarms



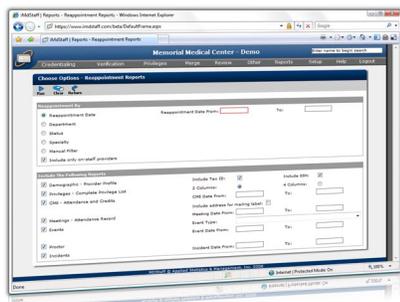
Credentialing can be an intricate process which requires constant monitoring of licenses, board certifications, insurance policies and more. In an effort to eliminate hard copy reports usually associated with credentialing, MD-Staff has an integrated workflow and alarm system. This system provides a “to do” list giving instant feedback on expiring items. Each alarm can be customized to alert users in advance when an item is nearing expiration. MD-Staff’s workflow module uses an innovative user interface which allows one-click access to the expiring item.

Batch Mail Merges & Faxing

MD-Staff is tailored to seamlessly interface with Microsoft Word to create, edit, and merge custom letters and reports. The most common types of documents that undergo merging include primary source verification letters, response to query letters, and reappointment applications. In addition, custom reports, envelopes, and mailing labels can be created using Microsoft Word and merged from MD-Staff. All merged documents can be printed, emailed, or faxed directly from MD-Staff.



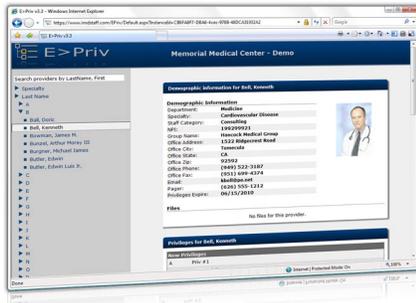
Streamlined Reappointment



MD-Staff’s Reappointment module provides a practical means to merge reference letters and generate reports for the reappointment process. Reports include a demographic profile, a list of clinical privileges, committee membership, meeting attendance, a list of CME courses and credits, and Case Review information. Although these are the same reports available within the individual modules of MD-Staff, here one can run the reports for all providers meeting specific filter criteria. In addition, one can track individual references as well as populate the reappointment application with data fields to help expedite the reappointment process.

Additional Products

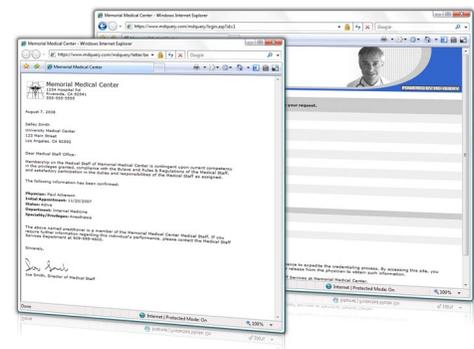
E>Priv



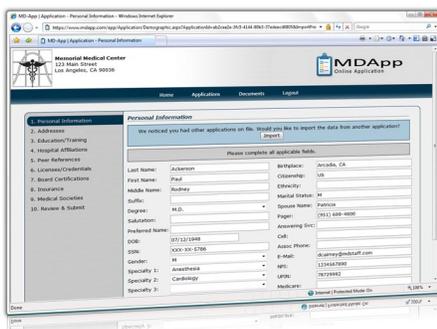
JCAHO, NCQA and JCI scoring guidelines put great emphasis on the granting and tracking of clinical privileges. E>Priv is a system that provides your staff real-time, secure access to demographic and clinical privilege data. This completely eliminates the possibility of using outdated information when granting and tracking clinical privilege data, while also making the tedious task of printing and distributing printed privilege reports obsolete. Using the demographic and clinical privilege data from MD-Staff, E>Priv provides users a secure way to view privileging data on any computer with a network connection and a web browser.

MD-Query

MD-Query is a secure, web-based application which allows Medical Staff Professionals to quickly and economically create their own “online verification” system. The MD-Query Client Utility uploads a limited amount of data to our secure web server. This information is used to automatically produce “good standing” letters when requested by other organizations. This information is accessed through our secure, password protected website. The MD-Query Client Utility has the ability to tightly integrate with existing MD-Staff Credentialing Systems or link to other credentialing databases not related to MD-Staff.



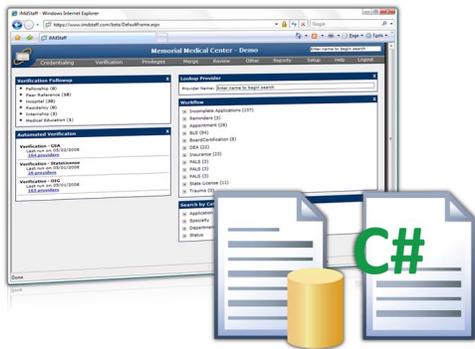
MD-App



MD-App is a secure online application that has been designed to work seamlessly with your MD-Staff credentialing system. MD-App aims to eliminate the costly process of printing, mailing, and entering data for medical or reappointment applications. MD-App allows providers to easily login, complete, and print applications online, from the comfort of their own home. MD-App is a personalized website which automatically synchronizes with your MD-Staff system so there is no duplication of data entry.

Technology Overview

Microsoft .NET & SQL Server



MD-Staff is built using some of the most advanced technologies, such as the Microsoft .NET Framework and Microsoft SQL Server. The Microsoft .NET Framework provides a solid platform for web based applications by offering unparalleled security, stability and scalability. MD-Staff is written completely in managed C#, thus ensuring complete portability and hardware independence. Microsoft SQL Server is a powerful and robust database management system that allows maximum performance, security and scalability. Since the MD-Staff database runs on Microsoft SQL Server, MD-Staff can be easily integrated with other applications within an enterprise.

Multi-Tiered Architecture

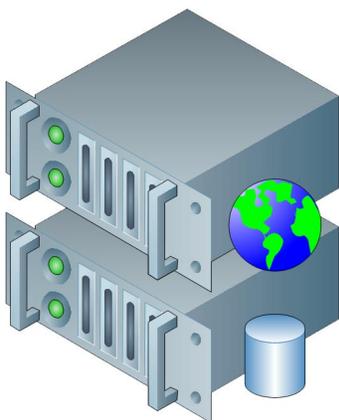
MD-Staff is an N-tier application with distinct database, application and presentation layers. This allows MD-Staff to be installed on separate database and application servers to maximize performance, scalability and security. MD-Staff can also be configured on multiple servers for failover protection, which virtually eliminates the possibility of downtime or data loss. Also, MD-Staff is fully compatible with virtualized infrastructure, thus lowering hardware, maintenance and energy costs.

Presentation

Application

Database

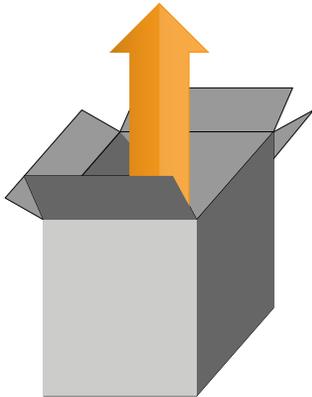
ASP v. Hosted In-House



ASM offers MD-Staff as a software as a service (SaaS), thus completely eliminating the need to purchase hardware and maintain servers. This model is often referred to as an ASP or Application Service Provider model. This means that the only thing needed to use MD-Staff is a web browser and a broadband internet connection. The ASP model also provides the flexibility to use the system from home, satellite offices, etc. For larger organizations, MD-Staff can also be hosted in house, thus allowing complete control over the system and integration with other applications.

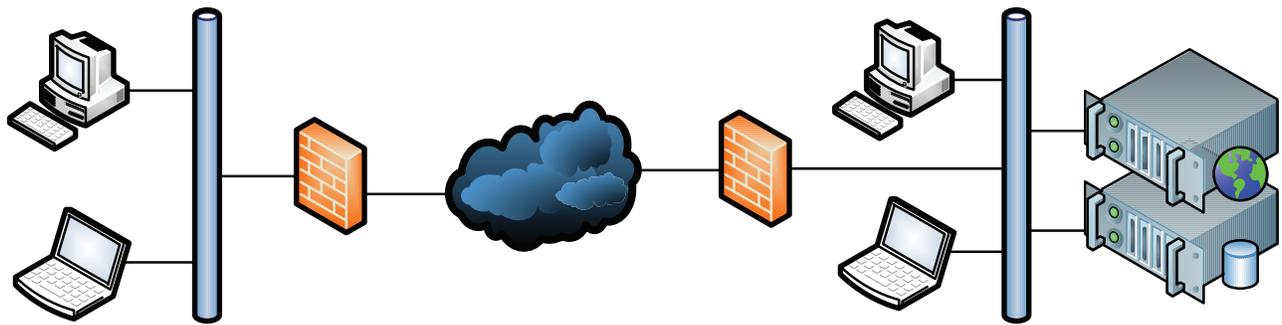
Getting Started

Competitive Upgrade



If you have a credentialing system which is no longer supported or if you simply wish to improve your credentialing process, ASM offers competitive upgrades. Over the years we have converted data from nearly every credentialing system with a very high success rate. Our experience guarantees that nearly all your data will be converted to MD-Staff with minimal downtime. In addition, if you currently use Excel files or an Access database, these files can be easily converted to MD-Staff.

Sample Configuration



Hardware & Software Requirements

	Database Server	Application Server	Workstation
CPU	Intel Server Class Processor or AMD Equivalent		2 GHz
Memory	4 GB or Greater		512 MB
Disk Space	5 GB	2 GB	N/A
Operating System	Microsoft Windows Server 2003/2008		Windows XP/Windows Vista
Software	Microsoft SQL Server 2005/2008	Microsoft .NET Framework 2.0	Microsoft Internet Explorer 6/7/8

The hardware requirements for MD-Staff greatly depend on the number of concurrent users and the number of providers managed by the system. MD-Staff's multi-tier architecture provides hardware flexibility depending on the environment in which it is used. Smaller installations can run each tier on a single, entry level server. However, larger installations often load balance across multiple servers by running each tier on a dedicated server.

About ASM

As the health care industry is forever evolving, the demand for advanced and innovative credentialing solutions is increasing. Founded in 1985, ASM is dedicated to creating software solutions that leverage the latest technologies and methodologies that help to improve the speed and accuracy of the credentialing process. Providing the most advanced and flexible credentialing platform, ASM is able to serve health care organizations of any size. Used by over 600 facilities world wide, MD-Staff is a proven system that helps medical staff offices streamline and automate the credentialing process.

Customer service is an important component to any software product. ASM provides unparalleled support for all of its software products. Rather than simply providing technical support, ASM focuses on building relationships with its clients to provide the best possible service and support.



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