

8 Integration

The Shams Group started in 1989 as an HIS consulting and integration company. We have completed hundreds of integration projects using HL7 (all versions), SQL to SQL, XML, File exports and SCRIPTING into legacy systems, with no interface engines. TSG has a special adapter for integration with Meditech, therefore allowing us to integrate with Meditech without Meditech's involvement.

Some of our successful integration projects include:

- Direct Exchange for Meaningful Use Phase 2
- IHE
- Empower
- Meditech C/S, magic, 6.0
- NextGen
- BlueChip
- PACs
- TrakCare
- Pyxis
- Kronos
- Quadramed
- MedHost
- Valco (Hyland)
- Meditech to:
 - Trendstar
 - Cerner
 - Allscripts
 - Siemens
 - Chartmaxx
 - Soarian
 - McKesson

9 Services

Transcription Outsourcing

TSG provides 24/7 global dictation and transcription services with full HIS integration, provided by our partner TeletrakMT. Track your entire transcription workflow using our intuitive web-based management software.

iOS Application for Electronic Data Capture

TSG can transform any data capture process (paper or an existing application) into a native iOS application, which can be used on a mobile device or iPad Kiosk. Easily capture any discrete data, images, electronic signatures, payment, and more; two-way integration to your Information System.

Custom Programming Services

TSG has hundreds of seasoned programmers with experience across various platforms like Microsoft, iOS, Android, HTML5 and more; coupled with deep domain knowledge of healthcare.

HIS Implementation & Integration Services

TSG consultants bring best practices and guidance necessary for implementation of an HIS. We also provide services in the areas of process improvement, application optimization, and PMO as a part of any given project. We assist with the integration of various systems (modular and complete), implementation of stand-alone systems (PACS, ER, and ancillary service), and ensure a seamless integrated environment as the result of the project.

AP/MM Consultation

TSG offers the following automated processes for bank reconciliation, EDI Automation, and Contract Management

IT Services

Enable your staff to focus on delivery of service rather than being troubled by IT issues. Improve efficiency by removing the routine operations burden from IT and retain complete control of all operations and decision processes. By outsourcing IT service, recognize increased performance of data center operations, improved IT staff skillsets and enhanced user-IT relations.

Provider coding

- Coding services for Hospitals
- Clinics
- Pathology Labs
- Individual Clinicians/Physicians
- Medical Summarization & Review of Record services

SQL Support/DBA

TSG offers SQL DBA services to sites that are otherwise unable to secure a DBA. Leverage the collective knowledge, skills, and experience of our team of professionals in all aspects of SQL Server and Meditech. Improve SQL Server performance and data integrity.

10 Microsoft Product Services

- Microsoft Office 365 cloud deployment
- SQL DBA support
- SharePoint Implementation and Programming for versions online 365, 2013, 2010 etc.
- SharePoint Development and Consulting

THE SHAMS GROUP: PRODUCT SPECTRUM

WEB, CLOUD, AND MOBILE SOLUTIONS FOR HEALTHCARE PROVIDERS



The Shams Group (TSG), a Healthcare Software & Service Provider, has serviced over 400 hospitals and healthcare systems worldwide. TSG offers both services and enterprise-wide solutions in areas of EHR Portals, Business Intelligence, Dictation and Transcription Portal, Clinician Portal, Patient Portal, Patient Self-Registration Kiosk App, Modular Electronic Health Record, Coder Workflow Dashboard, Document Imaging & Scanning, ACO, Revenue Cycle, HIM Transformation, Consulting Services, Transcription Services, IT Services, and various Smart Phone/Tablet based mobile solutions to enhance your bottom line and improve your clinical outcomes. Our Products and Solutions are Meaningful Use Certified.

Today, we are a leader in web-based portal applications across all of our solutions in portals, mobile and in cloud. We offer both in-house and cloud-based solutions.

TSG's integration capabilities connect disparate systems, synchronize data, accelerate movement of data and automate processes. All of our products come with interoperability connectors that support industry standard protocols like HL-7/CCD, SQL, XML and much more. Patient Health Information Integration, CCD, Direct Exchange, Public Health Submission, HISP exchange. For Meditech HIS, interfaces are completely provided by TSG with no Meditech Involvement.

TSG can provide solutions to achieve Meaningful Use compliance, help improve physician satisfaction, enhance productivity and provide optimal efficiency for your organization.



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1 Mobile Solutions

ezDictate

ezDictate is an application that allows doctors to dictate on their iOS or Android mobile device, and send dictations to their transcription system. Make your physicians happy by providing them user-friendly native smartphone applications for dictation.

Self-Service Kiosk

A highly customizable, one-stop shop for patients and visitors — providing logistical and event information, wayfinding, conducting surveys, and much more. It allows you to cut the cost of paper-based data collection and frees your staff to focus on patient care.

Patient Registration Kiosk

A self-service patient kiosk features check in, demographic, insurance information, and payment collection. This powerful solution enhances the patient experience, decreases wait times, and streamlines your workflow. Our Kiosk solution is currently live at healthcare facilities, is integrated with their EHR, and has delivered a 70% reduction in patient wait times as well as 90% solution adoption by see-and-treat patients.

Interactive Visitor Services

TSG's Interactive Visitor Services is a suite of indoor mapping and information services applications. These apps engage consumers through interactive wayfinding and visitor information, making directions and other information available from a mobile phone, kiosk, or large touchscreen, with a simple touch.

2 Patient Engagement Solutions

Our Patient Engagement Solution suite consists of:

- Patient Portal
- Patient Registration Kiosk
- ezWayFinder

Patient Portal*

Patient - Centric Platform for Patient Engagement (ONC certified)

A Personalized, intelligent, and integrated portal that facilitates and speeds up the patient care process. Our powerful tool provides your patients with a virtual, personalized care team to serve their administrative and clinical needs.

3 Credit Card Integration

ezPay

An application that runs on a PC system tray seamlessly integrating credit card payment processing directly into your HIS billing and accounts receivables module.

- Process via a swipe or entry
- E-signature & EMV Compatibility
- Email signed receipts
- Send to your document imaging system
- Link back in the BAR batch

4 E-HIM Solution

Enterprise Wide Document Imaging & Archiving Portal

This portal enables document scanning, barcode or OCR auto indexing, and digital capture of scanned documents, including capture of unlimited file types from any and all systems. Create a paperless environment for clinical records, revenue cycle, accounts payable, and other workflows across the healthcare enterprise.

Coder Workflow Management Portal

Coder Dashboard is a web-based application with an intelligent, rule-based approach to manage the coding workflow. Our intuitive system increases on-time billing, enhances coding accuracy and revenue, and minimizes legal risk issues.

Dictation & Transcription Portal

Handle all dictation & transcription needs for your physicians, coding, HIM, outside billing services, etc. via a single portal.

Chart Completion and Chart Deficiency (ECM)

TSG's Electronic Chart Management (ECM) System makes patient charts available online for immediate access for physicians, clinicians, and HIM staff anywhere and at anytime. Physicians can communicate with medical records in ECM beside doing deficiency tracking and chart completion.

Document Release Management (DRM)

DRM is a web-based application that allows a facility to customize and manage their release of information process in a highly efficient manner. TSG offers a CLOUD option where you get all the benefits of automation and turn your department into a profit

5 Enterprise-wide Saas Fax Solution

ezFaxWorkflow is an enterprise-wide Saas faxing solution that allows organizations to automate the inbound and outbound faxing for end users and any business software application while eliminating the need of having a physical fax machine.

- Flexibility/Mobility of sending faxes from anywhere, as long as you can access ezFaxWorkflow URL/portal via any computer
- Cost Savings— SaaS based faxing eliminates cost and maintenance of physical fax machines
- Automation -Rule based faxing to recipients
- Tracking/Compliance

6 Certified MU Solutions/EHR Suite

TSG is Drummond Certified to help healthcare organizations meet Meaningful Use requirements. We have begun working with our clientele to help them achieve MU compliance.

TSG EHR Suite 6.0 is modularly certified in accordance with the criteria adopted by the Secretary of the HHS.

The suite is certified for 15 core set measures and 6 menu set measures, including Clinical Quality Measures and Automated Measures.

Physician/Clinician Portal*

An enterprise-wide physician chart management portal that allows physicians to see and graph all relevant data in a dashboard for clinical decision-making. With customizable user-friendly tabs, secured communication, and the ability to incorporate any/all file types, it functions as one easily accessible source for all your clinical needs.

Interdisciplinary Clinical Documentation Portal (ICDP)*

TSG's ICDP accommodates the unique needs of clinicians by providing them with the tools to spend less time on the computer and more time on patient care.

CCD Exchange Suite*

Electronic document standard for sharing patient summary material that works with your state HIE as well as provides direct messaging.

- Enables you to meet your electronic exchange requirement for MU and improves patient care and coordination of care.

CQM Dashboards, KPI & Scorecards*

Clinical Quality Dashboard that meets and exceeds MU requirements. We go beyond by providing near real-time business intelligence on how your organization is performing clinically.

Mapping of LOINC Codes*

TSG is able to handle all of your mapping needs to meet MU requirements. The mapping process is very complex, and by allowing TSG to handle these changes, you will save your facility a great deal of time and stress. TSG has already assisted multiple hospitals with their LOINC and SNOMED mapping needs.

Direct Project & IHE*

National encryption standard for securely exchanging clinical healthcare data via the internet.

- Turnkey implementation that offers care providers to use information more effectively with established healthcare IT standards. Promotes an efficient workplace, as well as improved patient care and coordination of care.

Patient Lists*

Standard report(s) that can be used to generate a list of patients based on various conditions of demographics, labs, problems, allergies, and drugs or any combination of the above.

- Monitor patient health and high-priority conditions, improving quality of care. Focus on areas to educate staff, conduct a faster and further in-depth data analysis; achieve MU 2 compliance.

Medication Reconciliation*

Compare patient's medication orders to all medications that the patient has been taking.

- Physicians love this solution's friendly interface. Effective design to avoid discrepancies such as omissions, duplications, dosing errors, drug interactions, etc.

7 Business Intelligence/EDW/Downtime

Galaxy Enterprise-wide Data Warehouse*

Enables organizations to extract, transform and load data across various sources to create consistent, detailed, aggregated, summarized, and accurate information to support analysis and decision making.

eMillennium

A point-and-click analytical application designed for executives and managers to immediately retrieve clinical and non-clinical statistical information from a wide variety of critical sources: Meditech, Meditech-DR and or third party Data Warehouse. Data is broken down into valuable segments, providing rapid discovery of various win/loss situation.

SSRS Reports & SSAS Analysis Cubes on Meditech DR

Our analysis services include hundreds of pre-built reports for final billed patient analysis, ER patient analysis, and marketing analysis within your organization. The reports focus on key performance indicators across a large number of predefined metrics.

Conversion of NPR to SSRS reports

Converting a report done in Meditech's NPR (Report writer) to SSRS (SQL report writer). Meditech NPR reads from Meditech Proprietary database.

HISView Downtime Portal

Browser-based Meditech-viewing application with fast and easy access to view clinical, operational, and financial data enterprise-wide.

Meditech DR Monitoring

Maintains the health and value of your existing Data Repository (DR) application. The transfer of data into the DR system both high and low levels are monitored and updated continuously.

Patient Kiosk

Continuous online patient registration can happen electronically at TSG Patient Registration/Check-in Kiosks when the HIS system is down.