



## THE SHAMS GROUP: **PRODUCT SPECTRUM**

**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/AI, Dictation and Transcription Portal, Clinician Portal, Patient Portal, Patient/Self-Service Kiosks, Cloud Faxing, Digital Transformation, Hybrid Cloud Migration, Workflow Dashboard, Document Imaging & Scanning, Revenue Cycle, Consulting Services, Transcription Services, IT Services to enhance your bottom line and improve your clinical outcomes. Our Products and Solutions are Meaningful Use Certified.

Today, we are a leader in health IT solutions using mobile health in cloud. We offer both on premise 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 provides solutions/consulting services to achieve Meaningful Use compliance, Digital Transformation to help improve physician satisfaction, enhance productivity and provide optimal efficiency for your organization.

# 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.

## Employee App

An app that aids employees to engage more easily by providing convenient, on-the-go access to their schedule, pay stub, HR reference documentation and much more from anywhere using the device that is always with them which helps to complete HR task quickly as it relates to obtaining missing information which efficiently boost productivity across the organization.

# 2 Microsoft Product Services



- Microsoft Office 365 cloud deployment
- Microsoft Azure, Dynamics 365 for application development
- Migration to Azure
- SQL DBA support

# 3 Revenue Cycle Solutions



## ezPay - Credit Card Integration

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

## Check Scanning Solutions

Our solutions seamlessly captures and populates check images along with corresponding data such as presentment date and database fields. As a result, checks are deposited and cleared faster which eliminate the need to visit the bank physically. This is the perfect solution for extracting and archiving check information through which you can prepare, submit and reconcile electronic deposits quickly and efficiently without filling out traditional deposit slips - allowing your staff to spend more time managing and growing your business.

# 4 E-HIM Solutions



## 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 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

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

## Chart Completion and Chart Deficiency (ECM)

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 besides doing deficiency tracking and chart completion.

## Document Release Management (DRM)

The Release of Information solution 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 center. DRM allows the customer to bring the ROI department in-house if it is outsourced; or if it is in-house, provide workflow automation in processing ROI's in a fast and cost effective manner.

## 5 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 situations.

### 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.

### HIS View Downtime Portal

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

### Patient Kiosk

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

### BullsEye Metrics

BullsEye Metrics is a Business Intelligence tool that gives organizations the flexibility of accessing various data from many system to create ad-hoc reports; In addition the Business Intelligence 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.

## 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.

### 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.

### Direct Project & HIE\*

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.

## 7 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
- Automatic Text Recognition based on document pattern

## 8 Integration

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.

- Direct Exchange for Meaningful Use 2014 ED.
- 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.

### Custom Programming Services

TSG has 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 services, 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

### Helpdesk Outsourcing Services

TSG offers round-the-clock support and allows organizations to streamline operations and reduce overhead by designing a support desk built for maximum efficiency, improves satisfaction scores, employee up-time, and performance

### 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

## 10 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.