

Thoracic medical data entry, analysis & review

TSPLLC - The Company

Technology Solution Partners L.L.C. (TSP) is an Connecticut-based information technology (IT) company that represents the knowledge of more than 150 successfully completed solutions/software applications spanning over 22 years with focus in Life Sciences and Healthcare.

TSP has been working with healthcare data since 1990. TSP has successfully reported data for procedures on behalf of their clients to New York State Department of Health (NYDOH) since 2002.

With changes mandated from time to time by various health registries, TSP believes that Software as a Service is the best solution. TSP provides complete HIPAA compliant service that includes installation, updates, hardware and software maintenance, help desk, firewall, backup, and monitoring.

According to the Society of Thoracic Surgeons (STS) Expert Consensus Document - between 43,000 and 47,000 people die annually in the United States from diseases of the aorta and its branches.

The goal of STS is to make the General Thoracic Surgery Database the "gold standard" for outcomes reporting and quality improvement in general thoracic surgery. Achievement of this goal requires 100% participation from all surgeons and the hospitals in which they practice. Your investment will improve the quality of care delivered to your patients and will satisfy your administrative responsibilities for assessing outcomes and quality improvement required by your institution and third party carriers.

The government is providing a reimbursement incentive to participate in national databases. In 2007, the Centers of Medicare and Medicaid Services (CMS) paid more than \$36 million in bonus payments to participating physicians. The reimbursement incentive will increase for 2009.

We offer the lowest cost of usage for reporting data to national registries. With your participation, the STS General Thoracic Database has the potential to have a profound impact on outcomes and the future quality of patient care.

MeDEAR Thoracic at a Glance

MeDEAR Thoracic is a user-friendly web-based Software-as-a-Service (SaaS) solution and is easy to use for entering, assessing and reporting data for thoracic surgeries and interventions.

- Intuitive, easy to use interface and layout increases efficiency and simplifies day to day operation.
- Focus on improved patient outcome and develop best practices.
- Web-based modular architecture to meet evolving needs of the registry.
- Interface available to harness data from a variety of internal sources.
- Provides multi-facility and multi-user capability with multiple roles per facility.
- Quick search for a particular patient.
- Intuitional search for a set of patients.
- User initiated exports in user-friendly comma delimited format.
- Provides multi-level security.
- Ability for User Management.
- Interface to UB92 and any other device capable of text output.
- Custom data elements for each participant.
- Risk factors analyzed as per registry algorithm.
- Data entry and extracts are validated as per registry requirements and available in real time.
- Built in data validation as per registry requirements, on screen data validation and error checking.
- HIPAA compliant.
- Data encryption over the internet.
- Access to multiple reports for patient assessment, support of day to day departmental operations and internal quality improvement

Service Offering

MeDEAR Thoracic uses web based technologies in its solutions while focusing on utilizing full advantage of technology, providing most value for money and simple to use products and solutions. MeDEAR Thoracic has an agile and modular robust architecture and application is certified by Society of Thoracic Surgeons (STS) for Thoracic Surgery version 2.081.

- Module for data entry and reporting for Thoracic Surgery. Certified by Society of Thoracic Surgeons (STS) for version 2.081.

Benefits of STS Participation

Participation in the STS National Database provides:

- A standardized format for examining the care of general thoracic patients undergoing cardiothoracic operations.
- A tool that can be used to target specific areas for clinical practice improvement.
- The ability to obtain an accurate reflection of practice patterns.
- The ability to research the national aggregate data set.
- The opportunity to participate in a national quality improvement effort for general thoracic surgery that has an impact at the local, regional, and national levels.

Use of Reported Data allows:

- Practice-performance assessment in a risk-adjusted format which will allow you to compare local outcomes against regional benchmarks and national standards.
- Analysis of major outcomes and process-of-care measures that impact general thoracic surgery.
- Risk profiles of patients in your practice benchmarked against national standards.
- Feedback to document quality improvement efforts on the part of your practice.
- Identification of areas for improvement in quality and efficiencies of care
- Measure the impact of changes in your clinical practice and improve the delivery of care.

Sample Cost

- Annual participation fee to participate in the General Thoracic Surgery Database (On a per surgeon basis).
 - Cost differs for STS members and non-members.
- Lowest total cost of usage based on number of annual procedures
- \$250 per month based on annual total procedure count of 200.

Benefits of TDear

Increase Productivity

- Consolidate duplicate functionality
- Unlock availability for usage from anywhere anytime.
- Improved ability to preempt issues due to better monitoring.
- Availability 24 x 7 from any location with broadband internet connection is highly secured through a SSL enabled browser. Optimized for use with IE v6 or higher.

Reduce Cost

- Reduce total cost of operation and increase return on investment (ROI) on evolving system. By leveraging existing assets.
- Build for flexibility and for long term value of interoperability.
- Total cost of usage is clearly defined.
- Lower total cost of usage.
- Ability to obtain and access only what is needed.

Software as a Service

- Accelerated software deployment
- Lower-up front and overall costs
- No hidden costs
- No additional hardware and lower internal staffing requirements.
- Greater reliability, security and privacy
- Greater agility to scale software to meet changing business requirements.
- Automatic updates and upgrades
- Built to accommodate changing needs.
- Enable application evolution over time without interruption.
- Carry out incremental implementation quickly.
- Rock-solid availability and uptime for application and services.
- Superior end-user capability.

Longitudinal patient data

Contact Us

To learn more about solution, please contact us to schedule a demo or a free consultation.

Girish K. Gupta

Technology Solution Partners LLC

Shelton Pointe, Suite 401
2 Trap Falls Road
Shelton, CT 06484-4665

Email: ggupta@tspplc.com
Tel: 1-(203) 925-8388
Fax: 1-(203) 925-8480