

Real-Time Technologies from the Perioperative Efficiency Leader



 PeriOptimum™



Company History

PeriOptimum's Roots

PeriOptimum was founded on the belief that with the use of our process management technology solutions, we can dramatically improve a hospital's perioperative process.

In the early 1990's chief anesthesiologist Dr. David Watkins of the University of Pittsburgh began research with several grad students on the inefficiencies that take place on a daily basis in the perioperative process. One of these grad students, Hakan Illkin, became particularly interested in the perioperative process, and with the help of Dr. Watkins and several investors Entelechy Health Systems was founded in 1998.

In 2001 the first patient tracking system went live at Lancaster General Hospital in Lancaster, PA. This primitive system was designed without the use of any real time location technology. The first system used Versus technology and patients were tracked through the use of key card swipes as they would flow through the perioperative process.

Process Management Technology Solutions (PMTS)

General Overview

PeriOptimum delivers turnkey process management technology solutions to a healthcare's perioperative process through several different powerful management tools.

Our services and tools are integrated into a healthcare's into a healthcare's system and are used to meet specific requirements of those responsible for the perioperative process. Each hospital is unique and we understand this at PeriOptimum. We create a customized implementation approach combining proprietary information technology tools, proactive analytical services, and tested capacity improvement methodologies to achieve unparalleled results.

Our process management technology solutions include the following:

- PeriOperative Improvement Evaluation (PIE) – Perioperative process evaluation involving both on site analyses, as well as off site data extraction and analysis.
- Surgical Analytics Services (SAS) – Service in which all key indicators throughout the perioperative process can be isolated, analyzed, benchmarked, and continually improved.
- Surgical Capacity Improvement Program (SCIP) – Process improvement programs for entire perioperative process.
- RealView – Real time workflow management system.

OUR VISION

To be the industry leader focusing on surgical throughput by providing the insight, leadership and technology that helps hospitals improve efficiency, throughput, and quality of perioperative processes

RealView™

How is RealView different from other workflow management systems?

Traditional workflow management systems such as Cerner, McKesson, Siemens, and others are documentation based systems. This means that in order for the necessary patient information to be in the system it must be done through human input. RealView changes all this with the use of its technologically advanced software and real-time location systems. RealView is a comprehensive real-time workflow management system that continuously communicates to all stakeholders the location and status of patients throughout the entire perioperative process. By streamlining the perioperative process, you eliminate bottlenecks that will increase patient throughput, revenue opportunities, staff satisfaction and naturally provide more time for patient care. On a real time basis you are able to make quick, informed decisions about the best use of all of your resources.

RealView Provides:

- Customizable web-based views communicating the current status of all patients in the perioperative process.
- Data collection automated at the point of care through a real time location system.
- Automated communications to charge nurses and turnover team
- Real time patient family status updates
- Enhanced quality of care, leading to improved Press Ganey scores and patient satisfaction.

PeriOptimum's Impact on a Healthcare System

With the use of any one of our process management technology solutions a healthcare system can see improvement in the first week that the system goes live. PeriOptimum and its team members have extensive knowledge of the perioperative process and how best to utilize resources so that they will be most efficient and beneficial to the hospital. Our continuous improvement solutions empower decision-makers with the ability to make better strategic decisions today and for the future delivering several benefits:

- Increased throughput with improved bottom line and/pr increased revenues.
- Better utilization of capacity, i.e., personnel, ORs, equipment.
- Increased patient and provider satisfaction through predictable processes.
- Increased quality of care through a more efficient environment.



OUR MISSION

Providing real-time technology and process management technology solutions that allow hospitals to dramatically improve workflow in their perioperative process

PeriOptimum - Real-Time Efficiency for Real-Time Care

PeriOptimum provides of unique Technology and Process Management Solutions to help hospitals improve real-time case management and throughput in the hospital's surgical environment. By allowing doctors, nurses and managers to have real-time access to patient information and surgical resources, efficient, real-time decisions can be made.

Our Process Management Technology Solutions include:

- PeriOperative Improvement Evaluation (PIE)**
- Surgical Analytics Services (SAS)**
- Surgical Capacity Improvement Program (SCIP)**

Our patient tracking technology solution includes software and hardware to track surgical patient progress and inform staff and patients' families:

- RealView™ Technology Solutions**

The Benefits to The Hospital

Our continuous process improvement solutions enable OR decision-makers with the ability to make better strategic and daily decisions:

- Increased throughput with improved bottom line and/or increased revenues
- Better utilization of capacity; including personnel, ORs and equipment
- Increased patient satisfaction raises Press Ganey and C-CHAP scores
- Improved quality of care in a more efficient perioperative environment

For more information, contact us at:

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