MEDHOST PIMS Complete supports the entire continuum of surgical and anesthesia care.

MEDHOST Perioperative Information Management System

MEDHOST PIMS Complete is a comprehensive, clinician-driven suite of applications providing instant access to digital patient data and clinical systems, supporting anesthesia information management, reducing surgery delays and improving patient care.
The surgery department is responsible for a significant portion of admissions and hospital revenue, so there’s no room for inefficiencies or lost market share. MEDHOST Perioperative Information Management System (PIMS) Complete supports the entire continuum of surgical and anesthesia care, from initial consult, complete anesthesia and nurse charting from scheduling patients to post-operative surveys. System benefits are delivered without inconveniencing surgeons, anesthesiologists or nurses because applications fit within existing perioperative workflows.

**Benefits**

**Comprehensive Solution** – Manage the entire perioperative environment to help enhance clinical outcomes while improving provider efficiency, regulatory compliance and reimbursement.

**Complements Clinical Workflows** – Applications fit within workflows that clinicians already know, and by replacing paper charts with instantly available digital data, clinicians can complete tasks faster and more accurately so they can spend more time with patients.

**Integrated Solution** – This self-contained, HL7-compliant integration engine eliminates the need for third-party integrators and ensures reliable connectivity with patient monitors, other medical devices, ancillary department systems and external sources such as HIEs.

**Streamlines Patient Tracking** – Replace grease boards with digital displays making it easy to track patient progress throughout the perioperative process and manage the availability of key surgery department staff and resources.
Improved Financial Performance – With quick access to accurate data, providers can improve their bottom lines with more efficient staff, a reduction in surgery delays and cancellations, a decrease in administrative work, and improved charge capture speed and accuracy.

Key Features

Clinician Developed – Created with direct input from clinicians, MEDHOST PIMS Complete is driven by, and fits within, perioperative workflows while staying ahead of the ever-changing perioperative care environment.

Flexible IT Infrastructure – The cost, time and exposure associated with developing, monitoring and maintaining a compliant IT environment is perhaps the number one challenge facing healthcare providers.

Integrated Technologies for High-acuity Care – MEDHOST PIMS Complete helps providers balance dual priorities, providing the highest level of patient care while monitoring and collecting critical patient data so it’s readily available to clinicians across the continuum of high-acuity care.

Added Visibility – Anesthesiologists can simultaneously view multiple cases, which increases awareness of patient conditions, regardless of where Anesthesiologists are located.
PIMS Includes:

**PIMS Scheduling** – Advanced scheduling optimizes resource and supply management and minimizes excess operating room inventory and waste. With PIMS Scheduling, hospitals can maximize OR utilization and balance clinical needs. Its effective block management supports block priority levels, release management and the ability to denote administrative, procedure and clinical block types. Procedures are scheduled, which streamlines the process by including staffing, timing, resources and room assignment functions. PIMS Staff Scheduler allows you to assign clinical staff to a specific room or patient care, effectively allowing you to manage staff resources and have access to a pre operative checklists schedules.

**Electronic Preference Card Management** – Allows creation of preference cards, based on surgeon and/or procedure, for optimization of day of surgery experience and supply management. Improving supply management decreases inventory needs and waste.

**PIMS Nurse Documentation** – Integrated with electronic anesthesia care documentation, PIMS Nurse Documentation creates one complete perioperative care record and delivers a nurse charting information system that enables documentation of the entire perioperative process, including pre-admission, pre-op/holding room, intra-op and PACU. Patient information is centralized, so the entire care team has access to and sees the same patient and case information. PIMS Nurse Documentation includes:

- **Nursing Pre-Assessment Testing (PAT)** – The accurate collection of the patient’s medical history and current condition is vital to a successful surgical outcome. Nursing PAT provides complete and detailed information on patient health medical history, physical exam and is readily available to all clinicians.

- **Nursing PreOp** – With Nursing PreOp, clinicians can perform a pre-surgery nursing assessment, document administered medications and times (in holding, ready for OR, etc.) and more.
o **Nursing IntraOp** – Nursing IntraOp allows clinicians to document information during the surgical procedure with minimal interruptions to patient care. Nursing checklist, time outs, implants, supplies, counts, drains, administered medications, positioning and times (room ready, anesthesia start, in room, incision and close) can be documented with just a few clicks.

o **Nursing PostOp** – With Nursing PostOp, clinicians can perform post-surgery documentation like follow-up procedures, transfers, multiple nursing assessments, administer medications and times (phase 1-3, in phase, out phase). Vital sign trending and patient condition is captured either automatically or manually, depending upon site end clinician choice.

**Anesthesia Information Management System (AIMS)** – A comprehensive charting solution for the anesthesia professional that spans the entire continuum of care, AIMS includes:

o **Anesthesia Pre-Assessment Testing (PAT)** – Anesthesia PAT enables data collection prior to surgery and is available to all clinicians throughout the process. Patient medical history, physical exam and risk assessment are all compiled in one place and flows throughout the system to ensure consistency and accuracy.

o **Anesthesia Charting** – With chart completion verification, vital sign trending, times (anesthesia start, in room, out room, anesthesia finish) and more. Anesthesia Charting ensures patient safety and charge capture are optimized.

o **Desktop Monitoring** – Desktop Monitoring gives anesthesiologists access to critical patient information in real-time to monitor patient condition for up to four rooms at a time.

**PIMS Day of Surgery (DOS) Management** – PIMS DOS Management instantly delivers patient and case status to the perioperative care team — from the patient’s arrival through post-surgery discharge. The information that PIMS DOS Management delivers promotes more proactive decision making and resource allocation and enables you to optimize your perioperative environment and meet the increased demand for valuable assets. PIMS DOS Management brings visibility into the perioperative process with electronic patient and resource management and tracking. PIMS DOS Management includes:

o **DOS Patient Check-in** – Day of Surgery success begins with patient check-in.
- **DOS Family Board** – Friends and family are aware of patient status with the DOS Family Board, a scrolling list of HIPAA-friendly updates for public areas.

- **DOS OR Patient Summary** – The focal point for staff to get real-time information on the patient in the OR, such as, team, diagnosis, procedure, allergies and times.

- **DOS Workflow** – A real-time display of the OR schedule, PreOp, IntraOp, PostOp and discharge.

**ToolKit** – An administrative utility that gives you the power to configure the system specific for your unique setting. ToolKit gives you the ability to customize default settings, and almost every aspect of the software without vendor involvement or any downtime.

**Charge Capture** – Documentation-driven charges ensures the complete medical record is charged with no additional steps for users and the ease-of-use means more data with fewer errors.

**Reporting** – Dynamic, real-time reporting provides key performance metrics for optimizing resources and room utilization. With Reporting, administrators, department managers and clinicians are able to proactively manage operations and performance, as well as accurately forecast staffing and resources for the day of surgery, staff leveling and future requirements. Real-time data and metrics provide a realistic view of department operations and profitability. Reporting includes more than 170 standard reports. With Reporting, intuitive dashboards help easily monitor critical issues that directly impact department performance, including on-time case starts, timeliness, staff productivity, throughput, profitability by procedure and by surgeon, quality of care, compliance, and more.

**PIMS PostOp Survey** – Measure patient satisfaction with PIMS post-op survey. Post discharge patient calls to ensure that pain is managed and high risk scenarios are prevented.