

## Picis SmarTrack

Intelligent patient tracking for the perioperative environment

Picis is a part of **OptumInsight**



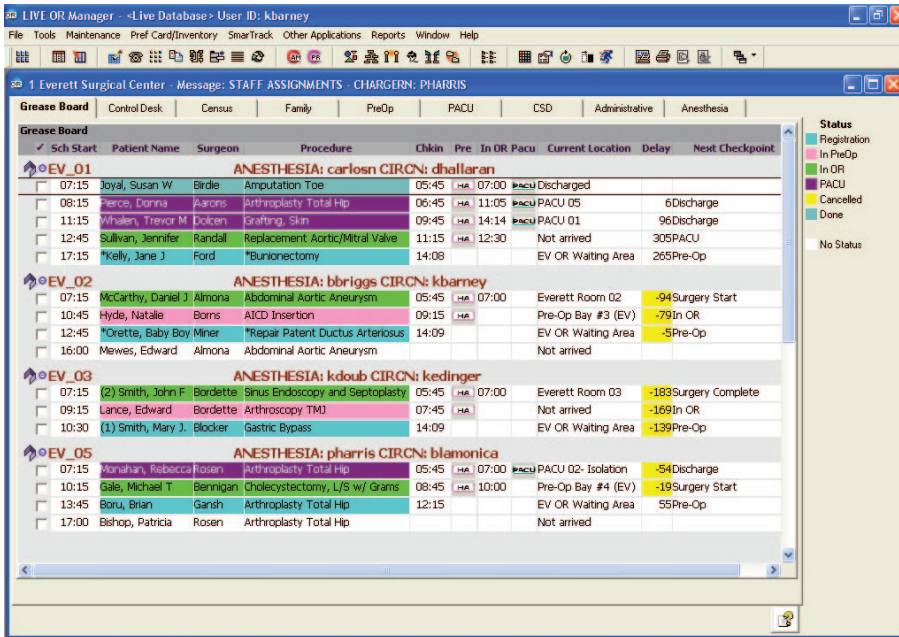
**Picis SmarTrack®**, part of the Picis family of high-acuity solutions, is an interactive tool that speeds and simplifies the tracking of surgical patients through the perioperative process — from the patient's arrival in the perioperative suite through discharge. It tracks the status and locations of patients and resources, and compares their progress to user-defined carepaths and critical checkpoints.

This unique solution not only displays information at a glance on customizable screens, but also proactively notifies staff when a patient is not moving predictably through the perioperative process. No other vendor provides this level of perioperative patient tracking. Such intelligent and advanced tracking saves time and money, improves productivity and promotes a smooth flow of patients through surgery, resulting in improved patient, family and staff satisfaction.

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### Key features

- Intelligent patient tracking with critical pathways
- Automatically notifies staff via email, text messaging and/or pager when important checkpoints are missed
- Integrated with OR Manager for scheduling and documentation data
- Unlimited, customizable tracking screens
- Staff assignment (e.g. anesthesiologist and circulating nurse) to OR rooms
- Display of room readiness
- Access to case records from the Big Board
- Quick edits to booking data from SmarTrack patient list
- Add-on case tracking
- User-selectable icons, text and color codes
- Web access for surgeon offices to track patient progress through the OR
- Full audit trails
- Big Board display via a workstation, plasma screen or LCD



More than just automating the whiteboard, SmarTrack views display what is happening in the OR as well as what is not yet happening, helping staff to know which patients are coming to them from another phase of surgery.

### Intuitive online tracking throughout the perioperative process

SmarTrack optimizes communication and patient flow throughout the perioperative process with intelligent tracking of patients and resources while providing proactive notifications to ensure that patients move efficiently through the OR. SmarTrack automatically notifies staff via email, text messaging and/or pager when significant events occur, such as when a patient is ready for surgery or has not met surgery preparation requirements. This intuitive approach enables staff to make adjustments in the surgery schedule before bottlenecks occur and helps hospitals to maximize OR time and efficiently manage resources.

### Critical pathways and notifications

SmarTrack incorporates predictive carepaths in the surgical episode, including the expected elapsed time between checkpoints. The system then uses this information to compare a patient's actual progress to the predicted carepath. SmarTrack proactively displays information and immediately notifies staff so they can take action before delays or problems impact patient satisfaction or the OR schedule.

## Customized views and Big Board displays provide easy access to timely information

SmarTrack tracks patient wait times and provides clinicians with quick access to accurate and current information. This information can be instantly communicated throughout a hospital or healthcare system, allowing medical staff, administrators and family members to know the status and location of patients at all times while helping to support decisions about the deployment of resources.

It provides customized, secure tracking views that display relevant information regarding patients or resources within one facility or multiple facilities. These views can be customized for family waiting rooms, surgeons' offices, admissions and other "need to know" areas. Multiple locations can be displayed on one screen (e.g. Preop, OR and PACU) to provide a quick, comprehensive look at patient status in the OR. Departmental messaging allows the OR to display messages to the staff, such as notifying them when an OR has been closed or when the next departmental meeting will take place.

SmarTrack views can also be displayed through a standard web browser, so a surgeon's office can track the progress of patients as they proceed through the OR.

## Integrated documentation improves productivity and compliance

SmarTrack reduces phone calls by providing accurate patient and resource information at the point of care. It seamlessly integrates with the scheduling and documentation portions of Picis OR Manager, making updates to SmarTrack when case record information has been documented for items such as patient in OR room time or patient in PACU time.

The screenshot displays the SmarTrack software interface. At the top, there is a menu bar with options like 'File', 'Tools', 'Maintenance', 'Pref Card/Inventory', 'SmarTrack', 'Other Applications', 'Reports', 'Window', and 'Help'. Below the menu bar, there is a toolbar with various icons. The main window is titled '1 Everett Surgical Center - Message: STAFF ASSIGNMENTS - CHARGERN: PHARRIS'. The interface is divided into several sections:

- PACU View:** A table showing patient status in the Post-Anesthesia Care Unit. The columns include PACU Bed, Patient, Surgeon, Anesthesiologist, Isolation, Exp D/C, Bed #, and Reserved For.
 

PACU Bed	Patient	Surgeon	Anesthesiologist	Isolation	Exp D/C	Bed #	Reserved For
PACU01	Whalen, Trevor M	Dolcen, Patricia	Bartoni, Terrance		-149		
PACU02_ISO	Monahan, Rebecca G	Fosen, Roland		Resp	-299	332-2	
PACU03							
PACU04							Hyde, Natalie
PACU05	Pierce, Donna	Auroni, Nathan			-239		
- OR View:** A table showing patient status in the Operating Room. The columns include Exp End Time, OR, Patient Name, Age, Procedure, Surgeon, Anes Type, ASA, Current Checkpoint, and PACU Reserve.
 

Exp End Time	OR	Patient Name	Age	Procedure	Surgeon	Anes Type	ASA	Current Checkpoint	PACU Reserve
08:45	EV_03	(2) Smith, John F	47	Sinus Endoscopy and Septoplasty	Bordette	GENERAL	I	Surgery Start	
10:15	EV_02	McCarthy, Daniel J	66	Abdominal Aortic Aneurysm	Almona	GENERAL	II	In OR	
11:30	EV_05	Gale, Michael T	64	Cholecystectomy, L/S w/ Grams	Bennigan	GENERAL	I	In OR	
12:15	EV_02	Hyde, Natalie	45	AICD Insertion	Boms	GENERAL	II	Surgery Complete	PACU04

The documentation of patient information on important checkpoints or carepaths allows information on delays to be communicated to SmarTrack and notifications sent automatically via tracking screens, emails and pagers. This not only saves time but also encourages more compliant documentation by streamlining the process. Care providers can directly launch into a patient's case record from SmarTrack without having to re-identify the patient, which saves staff time and helps avoid medical errors. Add-on cases can be done via SmarTrack, including user-defined forms to record add-on information needed for the OR.

### Streamlined support for multiple facilities

SmarTrack incorporates integration expertise and proven multifacility automation expertise developed by Picis into intelligent patient tracking for the OR. This functionality streamlines dictionary building and reporting, maintains consistency among sites and allows organizations to share information — while accommodating individual site differences.

Since its inception, SmarTrack has incorporated multifacility functionality and flexibility into each component of the system, such as key checkpoints, macros, screen building, documentation and reporting.

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Picis, a subsidiary of OptumInsight—part of Optum, a leading health services business, is a global provider of innovative information solutions that enable rapid and sustained delivery of clinical documentation, financial and operational results in the emergency departments, surgical suites and intensive care units of the hospital. Picis offers the most advanced suite of integrated products focused on these life-critical areas of the hospital where the patients are the most vulnerable, the care process is the most complex and an increasing majority of hospital costs and potential revenue are concentrated. Headquartered in Wakefield, Massachusetts, Picis has licensed systems for use at more than 2000 hospitals in 19 countries.

For more information about Picis, visit [www.picis.com](http://www.picis.com)

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