



What's slowing YOU down?

Patient Flow Management

Emergency Department

Surgery/Outpatient Surgery

Ambulatory Services

Specialty Clinic

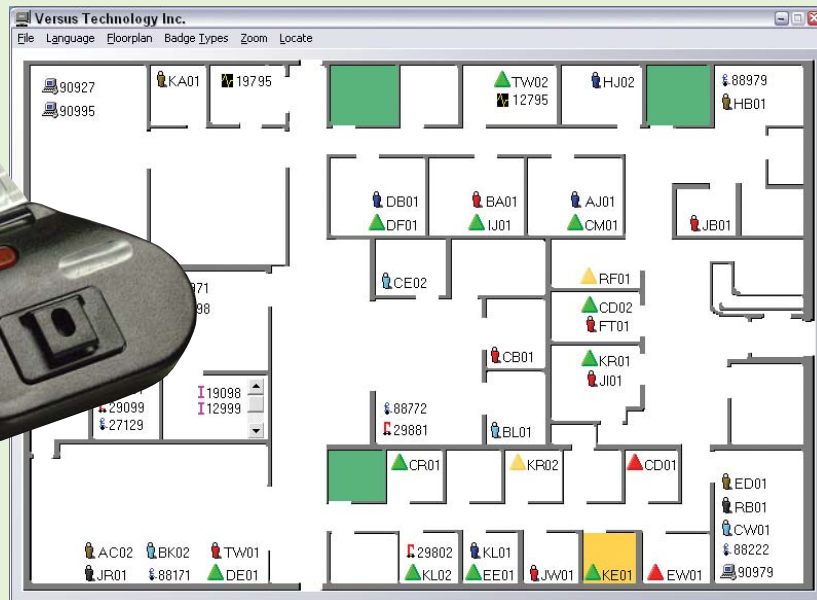
Physician Practice

“The time savings realized is immense. Before patient tracking, staff in St. Vincent’s Surgery department made an average of 11 phone calls per patient, estimated at 15 seconds per call. For 110 cases per day, that meant about five-and-a-half hours wasted each day.”

Stephanie Wasek, Associate Editor, “What Kind of Patient Tracking System is for You?”
Outpatient Surgery Magazine, July 2004, p. 28.



VIS™ Enhance Patient Throughput and Satisfaction While Increasing Revenue



Glance at the Floorplan or List Views to locate patients, staff, equipment, and even patient charts.

By pressing the call/alert button on the Personnel Alert Badge (shown at left), patients and caregivers can summon assistance or initiate an event/action.

What's slowing you down?

What's slowing you down? Case conflicts? Excessive phone calls regarding patient cases or locating coworkers? Time spent identifying a patient's progress, searching for charts, or determining which rooms are available? Bottlenecks moving patients through stages of care?

As the old adage states, time is money. Time diverted from patient care. Money which never makes it to your bottom line.

From admit through discharge, the Versus® Information System (VIS™) helps you streamline processes to overcome bottlenecks that slow you down, cost you money, and *more importantly*, distract you from patient care.

VIS, a real-time locating system, automatically tracks patients and resources (e.g., staff, equipment, case carts, etc.) through your department, clinic, or facility. With VIS, you'll know where your patients and vital assets are 24/7. Knowledge is power. The power to affect money-saving change. To move more patients through. To enhance patient (and staff) satisfaction. The power to increase revenue.

Put VIS to work for you.

Streamline Patient Flow

Nothing minimizes patient satisfaction more than feeling forgotten in waiting or exam rooms. Enhance satisfaction by using VIS to reveal bottlenecks and notify staff when patient waiting times exceed target limits.

Take the guesswork out of determining which rooms are ready for new patients. Using VIS, time spent checking rooms and making phone calls back and forth to see which are available is eliminated. A quick glance onscreen at the facility floorplan reveals open rooms.

Configure VIS to help you monitor a patient's progress throughout his visit. Has he had blood work done or been to radiology?

VIS can send alert notices in response to recognized "events," such as a patient entering radiology, etc. In short, VIS simplifies your throughput process. More patients through increases your bottom line.

Benefits

- Improve efficiency and communication
- Minimize scheduling conflicts
- Decrease patient wait times
- Reduce expenditures
- Improve resource utilization
- Enhance patient and staff satisfaction

HL7 Messaging Powers Your IT Systems with Location and Event-Related Data

VIS integrates with information systems, such as ADT, radiology, and lab systems via HL7 messaging powering them with time-critical location and event data.

“Hospitals with the highest patient-satisfaction scores are also the most profitable.”

Research by Dagmara Scalise, Press Ganey Associates, Inc., H&HN Research, “Tools for Patient Satisfaction,” Supplement to *Hospital & Health Networks*, March 2004.

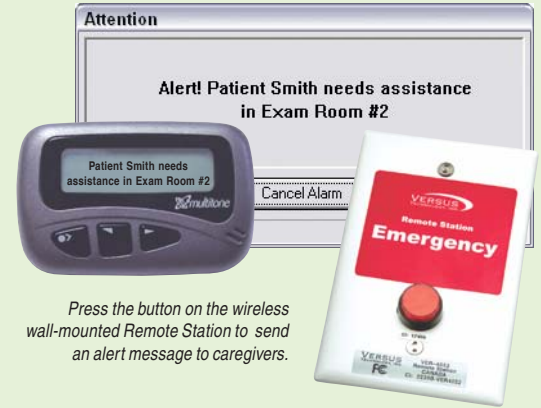


The Power of VIS™: Automatic Events Processing

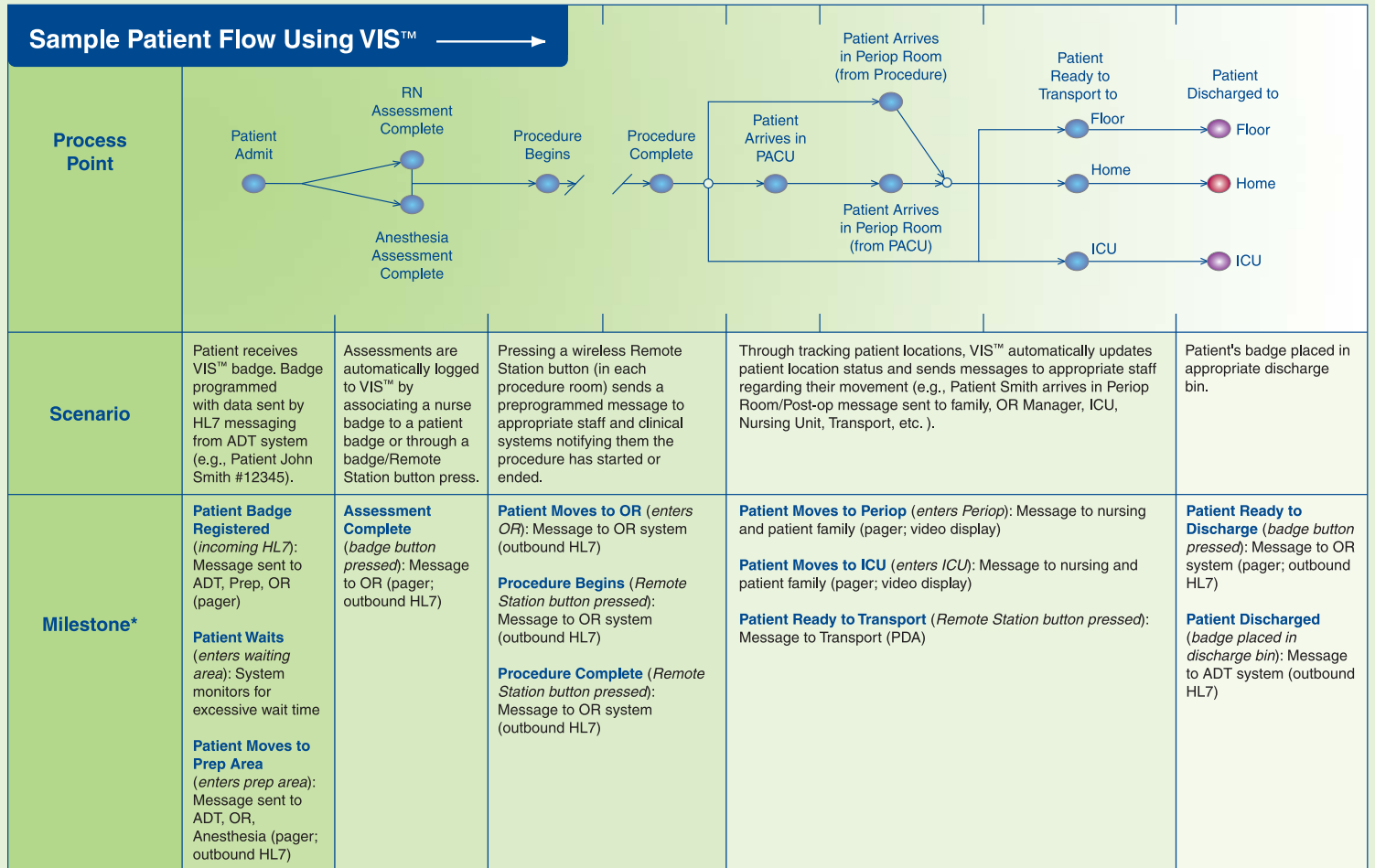
Beyond providing location information, VIS' power lies in its ability to monitor system events (e.g., a button press, unauthorized access, extended wait times, etc.) and to automatically initiate responses. For instance, when a recognized event (such as the press of a wireless wall-mounted station) occurs, VIS can instantly initiate the corresponding preconfigured response (such as sending a pager message to a caregiver(s), etc.). Automatic events processing enables you to increase efficiency, enhance security, and improve communication.

Event and Alert Messages Sent Via

- Pager
- E-mail
- PDA
- Computer screen pop-up alert window and sound file (.wav)
- HL7 to other programs



Press the button on the wireless wall-mounted Remote Station to send an alert message to caregivers.



*Event Milestone Recorded (trigger that marks the milestone): Action by VIS (communication method)

- Patient Discharged to Floor—If the VIS sensory network is installed on patient care floors, patient locations, staff interactions, and movements on "sensed" floors will continue to be monitored by the system.
- Patient Discharged to ICU—If the VIS sensory network is installed in the ICU, patients' locations, staff interactions, and movements within ICU will continue to be monitored by the system.
- Patient Discharged to Home—Once a patient's badge has been removed, the patient's locations, interactions with staff, and movements cease to be monitored by the system.

Analyze Historical Data

History List View

- Provides a history of locations for a specific badge
- Assign and view appointment times
- Filtering and sorting abilities

Reports Plus™ Sample Reports:

- Tracking Detail by Badge
- Room Activity
- Alarms Report
- Response Time Report
- Location Summary
- Compliance Report
- Contamination Report

VIS Basics:

- Utilizes patented infrared (IR) and radio frequency (RF) based locating technology
- PC-based
- Windows® 2000 or XP Pro

VIS Features

Your authorized Versus Dealer or Sales Manager will work with you to design a system based on your facility's unique needs. Typical patient flow management solutions include the following features:

- Continuous patient locating
- Chart tracking
- Room status monitoring
- Alert notification (i.e., e-mail, pop-up messages, etc.) of events
- Event monitoring
- HL7 messaging
- Mobile call assistance
- *Dynamic* resource conflict notification (e.g., equipment conflicts, critical staff overlap)
- Process monitoring (benchmarks)
- Report generation

Type	Badge	Initials	First Name	Last Name	Room	Entered Time	Battery
Patient	115	DD12	Doctor12	Doctor	1st Flr Endo Hallway West	02/05/04 3:14:13 PM	Low
Patient	18240	PP9	Patient9	Patient	1st Flr Endo Rm 3	02/05/04 3:07:42 PM	Low
Patient	29813	PP4	Patient4	Patient	1st Flr DR Rm 5	02/05/04 3:04:30 PM	Good
Patient	33413	HT	HT	Snowday	1st Flr ER Treatment Rm 3	02/05/04 2:58:45 PM	Low
Nurse	30701	NR1	Nurse1	RN	1st Flr Endo Nurse's Station	02/05/04 2:58:45 PM	Good
Nurse	33488	NR16	Nurse16	RN	RF Sensor	02/05/04 3:12:40 PM	Good
Doctor	1104	DD5	Doctor5	Doctor	RF Sensor	02/05/04 3:14:12 PM	Good
Doctor	33091	DD10	Doctor10	Doctor	1st Flr ER Recovery Rm 4	02/05/04 3:12:40 PM	Low
Doctor	35639	DD1	Doctor01	Jones	1st Flr DR Rm 3	02/05/04 2:58:45 PM	Good
Doctor	37612	HTT	Doctor	T	1st Flr General Waiting	02/05/04 3:07:42 PM	Low
Pump, Syringe	116	VT12795	4100	86325158	1st Flr Clean Utility Storage	02/05/04 3:09:15 PM	Low
Pump, Syringe	13383	VT12999	MICRO-TEMP	02313616	1st Flr DR Rm 5	02/05/04 3:02:27 PM	Good
Stretcher	45016	A3731	BED ADJUSTABLE	HMO	1st Flr Endo Hallway West	02/05/04 3:14:03 PM	Low
Wagon	25607	GARM1	C	ARM	1st Flr Endo Nurse's Station	02/05/04 2:58:45 PM	Good
Laptop	2221	LC1	Laptop1	Computer	1st Flr ER Treatment Rm 3	02/05/04 3:12:21 PM	Low
Laptop	23356	LC2	Laptop2	Computer	1st Flr Lobby Area	02/05/04 3:14:13 PM	Low
Laptop	52258	LP100	Laptop	100	1st Flr ER Recovery Rm 4	02/05/04 2:58:45 PM	Low
Patient 2	513	PP13	Patient13	Patient	RF Sensor	02/05/04 3:12:40 PM	Good
Patient 2	3025	PP17	Patient17	Patient	1st Flr Lobby Area	02/05/04 3:14:12 PM	Low
Patient 2	5524	PS1	Patient	Smith	RF Sensor	02/05/04 2:58:45 PM	Good
Patient 2	23544	PP6	Patient6	Patient	1st Flr Endo Rm 1	02/05/04 3:01:10 PM	Good
Patient 2	27174	PJ3	Patient	John	1st Flr Endo Nurse's Station	02/05/04 2:58:45 PM	Good

The Room Activity Report details the time badged people and/or equipment entered or exited the room.

Badge	Name	Badge Time In	Badge Time Out
33091	RN 20	08/20/2004 8:39:43 am	08/20/2004 8:41:45 am
119	Doctor 12	10:15:17 am	10:16:28 am
45016	Patient 17	11:35:44 am	11:38:46 am
			12:48:14 pm
			2:28:01 pm

Contamination Report
Badge: 13383 Assigned to: Patient 201
The following badge(s) are considered contaminated by badge 13383 because they where in proximity of this badge for at least: 10 seconds between 08/20/04 12:00:00AM and 08/20/04 11:59:59PM

Badge Contaminated	Assigned To	Time Contaminated
115	Patient 105	08/20/04 4:09:40PM
12478	Patient 204	08/20/04 4:21:59PM
18240	Resident 2	08/20/04 3:42:21PM
23356	RN 3	08/20/04 3:25:40PM
27210	Patient 302	08/20/04 4:36:37PM

Reports, such as the Contamination Report provide critical location and event-related data and assist in process analysis related to identifying an infection source, etc.

Versus' Dual IR/RF System Excels Where Strictly RF Systems Fall Short

Unlike radio frequency (RF) waves, the infrared (IR) light used by VIS does not penetrate walls or ceilings, so a badge's signal remains within a room allowing VIS to identify "room-level" locations (e.g., Patient Room 105). Competitors' RF-based systems report approximate locations (e.g., 1st floor, etc.), making "room-level" locating nearly impossible at an affordable price.

Implement Facilitywide or One Department at a Time

Implement VIS facilitywide right from the start. Or, since VIS' hardware and software are modular, begin in one department and extend throughout your facility as desired.

The Leading Developer

Versus Technology, Inc. is the leading developer of passive tracking systems for the healthcare market. Sold through an expanding network of resellers, dealers, agents and strategic alliances, Versus' systems are enhancing efficiencies and improving processes in more than an estimated 500 healthcare settings internationally.



When Location is Everything!™

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To Enhance Patient Satisfaction While Increasing Revenue Contact Your Authorized VIS Dealer or Versus Regional Sales Manager Today **231-946-5868**

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