

# Real Time Locating Systems Increase Efficiency and Reduce Overhead Costs



## What can we do for you?

Smithcurl will consult with your facility's staff to discuss options regarding different technologies, implementation methods, operational policies & procedures, and desired goals following implementation. Next, Smithcurl will provide you with a proposal detailing the type of hardware and software recommended, costs for complete turnkey implementation including staff training, and all ongoing future options to expand the use of the technology as you see fit.

Contact us now to see how we can assist your facility in providing options for increasing efficiency and reducing costs. Smithcurl - making patients and staff happy, one hospital at a time.

## What:

Real Time Locating Systems (RTLS) are used to track and identify the location of objects in real time. This is done through using small inexpensive tags which are attached to objects, and detectors that are strategically placed throughout the facility. Each tag emits a unique wireless signal that is received by the detectors which then processes the provided information to determine the tag's exact location. RTLS typically refers to systems that provide passive or active (automatic) collection of location information.

Imagine how significantly RTLS could increase patient throughput, staff productivity and equipment utilization - while allowing your facility to maximize Return on Investment. How much additional revenue would that mean to your facility?

## How does it work?

Smithcurl provides multiple RTLS system types using three different technology methods for use within healthcare facilities. Thus allowing Smithcurl to accommodate virtually any unique or specific needs. The three technologies are ultrasonic, radio frequency/infra-red, or WPAN radio frequency. Each technology has specific applications that make them the best choice to fulfill each facility's different requirements. None of these technologies use the facility's existing network as the backbone of the system, thus saving bandwidth for other important hospital tasks. Each technology is tested and proven to work within medical centers and healthcare facilities everywhere.

## Benefits of RTLS technology:

- Reduce time searching for moveable equipment or people
- Significant improvement in work flow and patient flow
  - Resulting in increased job and patient satisfaction
- Automatic recording of associated location based and time stamped events
- Increase patient throughput, staff productivity and efficiency
- Improve room, bed and equipment utilization
- Reduce equipment rentals and losses
- Identify objects approaching pre-defined location perimeters