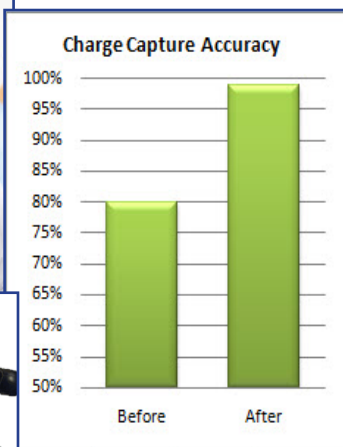


Infrared (IR) VS Radio Frequency Identification (RFID)

Below is a comparison between IR and RFID technology. CaraFlow has teamed up with Versus Technology, Inc. to incorporate infrared (IR) technology into the NurseSaver System with tags placed on every piece of portable medical equipment. An IR signal can be contained within a patient room allowing for effective equipment tracking and patient location. This technology ensures enhanced asset utilization and increased charge capture accuracy.

	Infrared (IR)	Radio Frequency Identification (RFID)
Tags	<ul style="list-style-type: none"> • Tags work like a TV remote control 	<ul style="list-style-type: none"> • Tags work like remote keyless entry
Battery Life	<ul style="list-style-type: none"> • > 1 year 	<ul style="list-style-type: none"> • Varies
Signal Range	<ul style="list-style-type: none"> • 16 feet 	<ul style="list-style-type: none"> • 100's of feet
Signal Area	<ul style="list-style-type: none"> • Localized within a room, contained by walls • Bounces off walls and objects 	<ul style="list-style-type: none"> • Localized within an area, not contained by walls • Signal can bleed through walls causing confusion of where equipment or patient is located
Sensors	<ul style="list-style-type: none"> • Requires more sensors due to 16ft signal range 	<ul style="list-style-type: none"> • Requires less sensors due to longer signal range
Main Uses	<ul style="list-style-type: none"> • Automated billing • Equipment deployment • Tracking for periodic maintenance • General locating 	<ul style="list-style-type: none"> • Tracking for periodic maintenance • General locating



Whitepaper



CARAFLOW
Enhancing Healthcare Workflow™

To learn more contact us at 414.906.9170
or visit us at www.caraflow.com