

Sample Return on Investment

As hospitals continue to improve processes and increase efficiencies, they often turn to the management of mobile assets because the return on investment is immediate and tangible.

The following model highlights areas where Midmark RTLS can make a measurable impact in the typical hospital, by improving the utilization of existing assets and reducing wasted time spent searching for equipment.

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FACILITY INFORMATION

Number of Staffed Beds	250
Average Daily Census	190
Number of Owned IV Pumps	76%

KEY ASSET METRICS

Bed Utilization Rate	400
Average Cost per IV Pump	\$4,500
Ratio of IV Pumps per Bed	2.11

IMPACT OF IMPROVED MOBILE ASSET MANAGEMENT

Avg Opt IV Pumps / Bed for Midmark Customers	150
Goal for Number of IV Pumps	285
Total Number of Excess IV Pumps	115
Market Value of Excess IV Pumps	\$517,500

IMPACT OF IMPROVED STAFF UTILIZATION

Number of Nursing Shifts per day	143
Minutes Reclaimed per shift	15
Minutes Reclaimed per day	2,145
Average Nursing Hourly Wage & Benefits	\$50.00
Dollar Value of Time Reclaimed per day	\$1,787
Dollar Value of Nursing Time Reclaimed, per year	\$652,255

TOTAL VALUE TO HOSPITAL, YEAR ONE \$1,169,755

HOURS AVAILABLE TO REALLOCATE TO CARE 13,049 (11 FTEs)

