

# **Hospital ROI view utilization**

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#### High Value Asset Loss Reduction

#### Average High Value (HV) Asset Value (eg: Infusion Pumps)

Average Cost of an HV Asset(\$)	5,000
Total No. of HV Assets	2,000
Total asset value(\$)	10,000,000.00
% Average Asset Loss Per Year	5.00
Average Annual Asset Loss Per Year(\$)	500,000.00
1% of Annual Asset Loss Per Year(\$)	5,000.00

<sup>\*</sup> Based on available Market Data Ave. Loss is 10-30%

### **Average Asset Loss Reduction**

#### Average Total Asset Value (eg: monitors, telemetry)

Average Cost of an Asset(\$)	2,000.00
Total No. of Assets	5,000
Total asset value(\$)	10,000,000.00
% Average Asset Loss Per Year	5.00
Average Annual Asset Loss Per Year(\$)	500,000.00
1% of Annual Asset Loss Per Year(\$)	5,000.00

<sup>\*\*</sup> Based on available Market Data Ave. Loss is 10-30%

### Search Time Loss Profile Value

#### Search Time Loss Projections by staff

Enter Nurse / Staff Ave. hourly rate(\$)	40.00
No. of Active RN / Floor Staff Daily across 24hrs / 3 Shifts	1,000.00
Daily Time Spent Search in Hrs.	0.50
Hours Wasted Daily	500.00
Hours Wasted Annually	182,500.00
Annual Productivity lost at Hourly Rate(\$)	7,300,000.00

## Asset Utilization Impact Value

#### Asset Utilization and Revenue Value

150.00 7,000
7,000
1,050,000.00
30.00
315,000.00
114,975,000.00
1,149,750.00
3

#### Annual Lost Asset Replacement Value

When an asset is lost, there is the lost value of that asset plus also the cost to replace those assets.

Total Lost (5%) Asset Value(\$)	1,000,000.00
Total No. of Lost Assets	350
Average Lost Asset value(\$)	2857.14
% Asset Repurchase Average Yr.	30.00
Replacement Cost Per Year(\$)	300,000.00

### Annual Lost Asset Revenue Loss

Hospitals Lost Assets are incapable of generating service or revenue. The result is that lost assets drive down

Daily Asset Revenue / Day.(\$)	150.00
Total No. of Lost Tracked Assets	350
Daily Lost asset value(\$)	52,500.00
% Average Asset Utilization / Yr.	30.00
Daily Asset Revenue Per Day(\$)	15,750.00
Annual Asset Revenue Loss Per Year(\$)	5,748,750.00

1% High Value Loss Reduction(\$)	5,000.00
1% Average Asset Loss Reduction(\$)	5,000.00
10% Average Replacement of Lost Assets(\$)	30,000.00
50% min Reduction in Staff Search Time(\$)	2,737,500.00
1% increase in asset utilization(\$)	1,149,750.00
1% decrease of Lost Asset Revenue(\$)	57,487.50
Annual minimum Op cost reduction value(\$)	3,984,737.50
3 Yr. Annual minimum Op cost reduction value(\$)	11,954,212.50
5 Yr. Annual minimum Op cost reduction value(\$)	19,923,687.50