

# Hospital ROI View w Utilization WVH DJ

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#### High Value Asset Loss Reduction

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

Average Cost of an HV Asset(\$)	5000.00
Total No. of HV Assets	2000
Total asset value(\$)	10000000.00
% Average Asset Loss Per Year	5.00
Average Annual Asset Loss Per Year(\$)	500000.00
1% of Annual Asset Loss Per Year(\$)	100000.00
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<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(\$)	2000.00
Total No. of Assets	3000
Total asset value(\$)	6000000.00
% Average Asset Loss Per Year	5.00
Average Annual Asset Loss Per Year(\$)	300000.00
1% of Annual Asset Loss Per Year(\$)	60000.00

<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(\$)	30.00
No. of Active RN / Floor Staff Daily across 24hrs / 3 Shifts	600.00
Daily Time Spent Search in Hrs.	0.50
Hours Wasted Daily	300.00
Hours Wasted Annually	109500.00
Annual Productivity lost at Hourly Rate(\$)	3285000.00

## Asset Utilization Impact Value

# Asset Utilization and Revenue Value

Asset Revenue / Day(\$)	150.00
Total No. of Tracked Assets	5000
Daily asset value(\$)	750000.00
% Average Asset Utilization / Yr.	30.00
Daily Asset Revenue Per Day(\$)	225000.00
Daily Asset Revenue Per Year(\$)	82125000.00
1% Daily Asset Revenue Per Year(\$)	2737500.00

#### 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(\$)	800000.00
Total No. of Lost Assets	250
Average Lost Asset value(\$)	3200.00
Asset Repurchase Average Yr.	15.00
Replacement Cost Per Year(\$)	120000.00

#### 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	250
Daily Lost asset value(\$)	37500.00
% Average Asset Utilization / Yr.	30.00
Daily Asset Revenue Per Day(\$)	11250.00
Annual Asset Revenue Loss Per Year(\$)	4106250.00

1% High Value Loss Reduction(\$)	100000.00
1% Average Asset Loss Reduction(\$)	3000.00
10% Average Replacement of Lost Assets(\$)	12000.00
50% min Reduction in Staff Search Time(\$)	1642500.00
1% increase in asset utilization(\$)	2737500.00
1% decrease of Lost Asset Revenue(\$)	41062.50
Annual minimum Op cost reduction value(\$)	4536062.50
3 Yr. Annual minimum Op cost reduction value(\$)	13608188.00
5 Yr. Annual minimum Op cost reduction value(\$)	22680312.00