

# 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	5000
Total asset value(\$)	25000000.00
% Average Asset Loss Per Year	5.00
Average Annual Asset Loss Per Year(\$)	1250000.00
1% of Annual Asset Loss Per Year(\$)	12500.00

<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(\$)	2000.00
Total No. of Assets	2000
Total asset value(\$)	400000.00
% Average Asset Loss Per Year	5.00
Average Annual Asset Loss Per Year(\$)	200000.00
1% of Annual Asset Loss Per Year(\$)	2000.00

<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	1600.00
Daily Time Spent Search in Hrs.	0.50
Hours Wasted Daily	800.00
Hours Wasted Annually	292000.00
Annual Productivity lost at Hourly Rate(\$)	8760000.00

# Asset Utilization Impact Value

#### Asset Utilization and Revenue Value

Asset Revenue / Day(\$)	150.00
Total No. of Tracked Assets	7000
Daily asset value(\$)	1050000.00
% Average Asset Utilization / Yr.	30.00
Daily Asset Revenue Per Day(\$)	315000.00
Daily Asset Revenue Per Year(\$)	100000000.00
1% Daily Asset Revenue Per Year(\$)	1149750.00

#### 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(\$)	1450000.00
Total No. of Lost Assets	350
Average Lost Asset value(\$)	4142.86
Asset Repurchase Average Yr.	50.00
Replacement Cost Per Year(\$)	725000.00

### 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(\$)	52500.00
% Average Asset Utilization / Yr.	30.00
Daily Asset Revenue Per Day(\$)	15750.00
Annual Asset Revenue Loss Per Year(\$)	5748750.00

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1% High Value Loss Reduction(\$)	250000.00	
1% Average Asset Loss Reduction(\$)	2000.00	
10% Average Replacement of Lost Assets(\$)	72500.00	
50% min Reduction in Staff Search Time(\$)	4380000.00	
1% increase in asset utilization(\$)	1149750.00	
1% decrease of Lost Asset Revenue(\$)	57487.50	
Annual minimum Op cost reduction value(\$)	5911737.50	
3 Yr. Annual minimum Op cost reduction value(\$)	17735212.00	

29558688.00

5 Yr. Annual minimum Op cost reduction value(\$)