

Resource Allocation Optimization

Allocation System Features



Bed Management

Real-time bed status tracking



Staff Allocation

Demand-based deployment



Ambulances

Optimal routing



Medication Inventory

Automatic demand forecasting



Lab Scheduling

Priority-based booking



OR Management

Time optimization

Efficiency Improvements

Bed Turnover Rate **+22%**

Wait Time Reduction **35 min**

Resource Utilization **85% → 95%**

Cost Savings

Operating Costs **-12%**

Overtime **-28%**

Inventory Waste **-15%**

Staff Allocation Optimization

+18%

Annual Savings

\$2.5M