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 |