



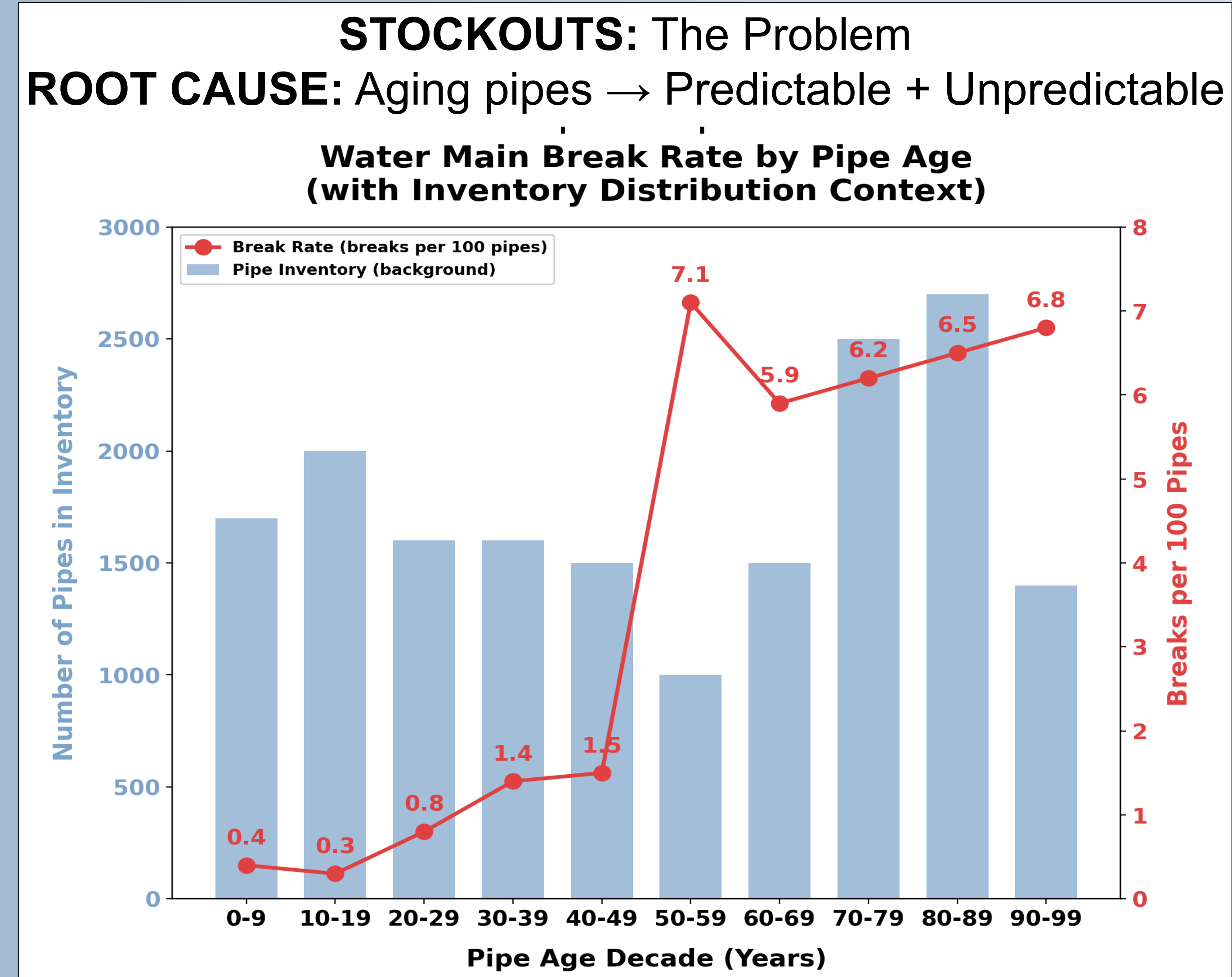
Predictive Inventory & Task Coordination for Water Utility Distribution

Converge

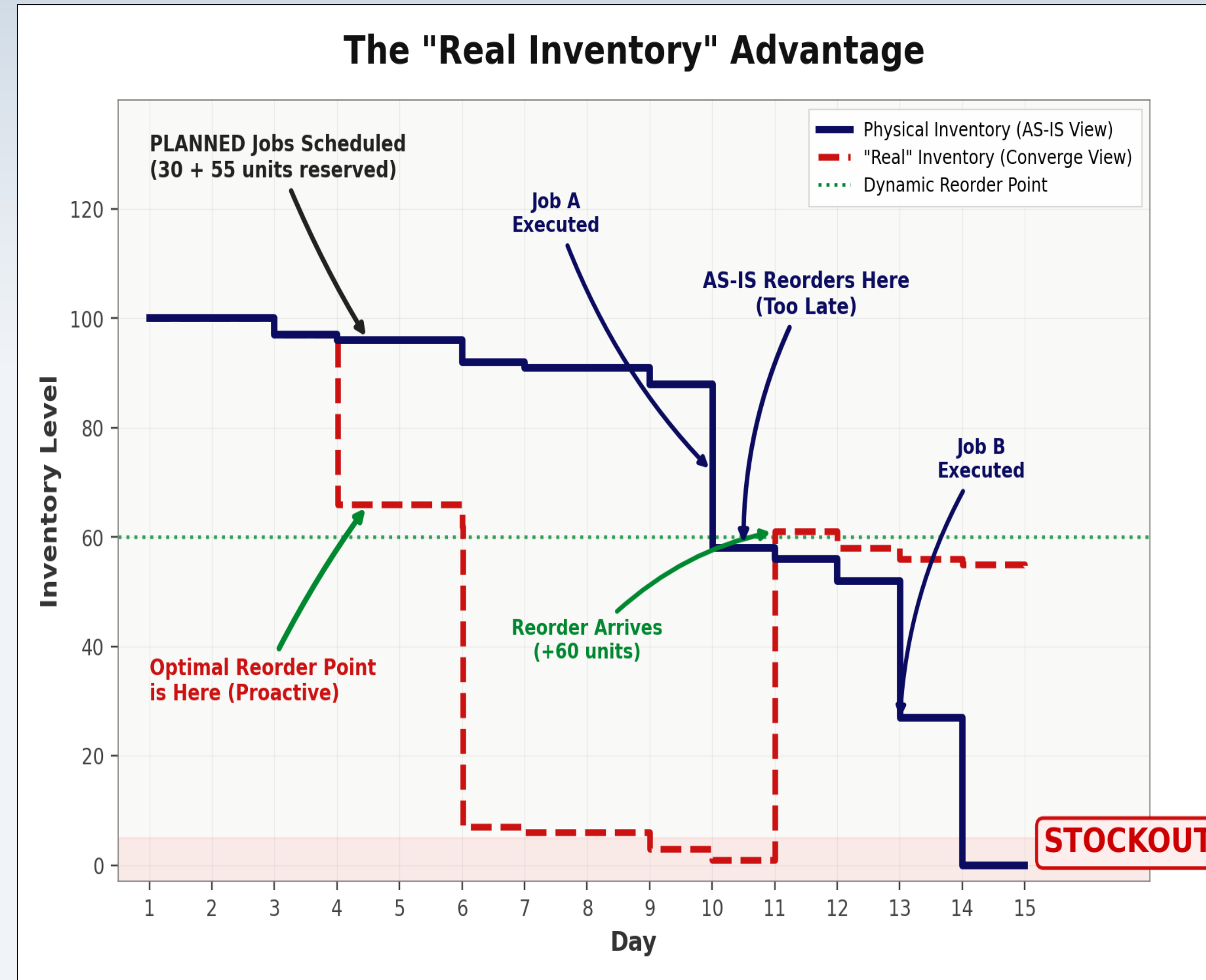
Adewale Adekambi, Joseph Sadiq, Nicholas Privitera
System Engineering & Operations Research, George Mason University



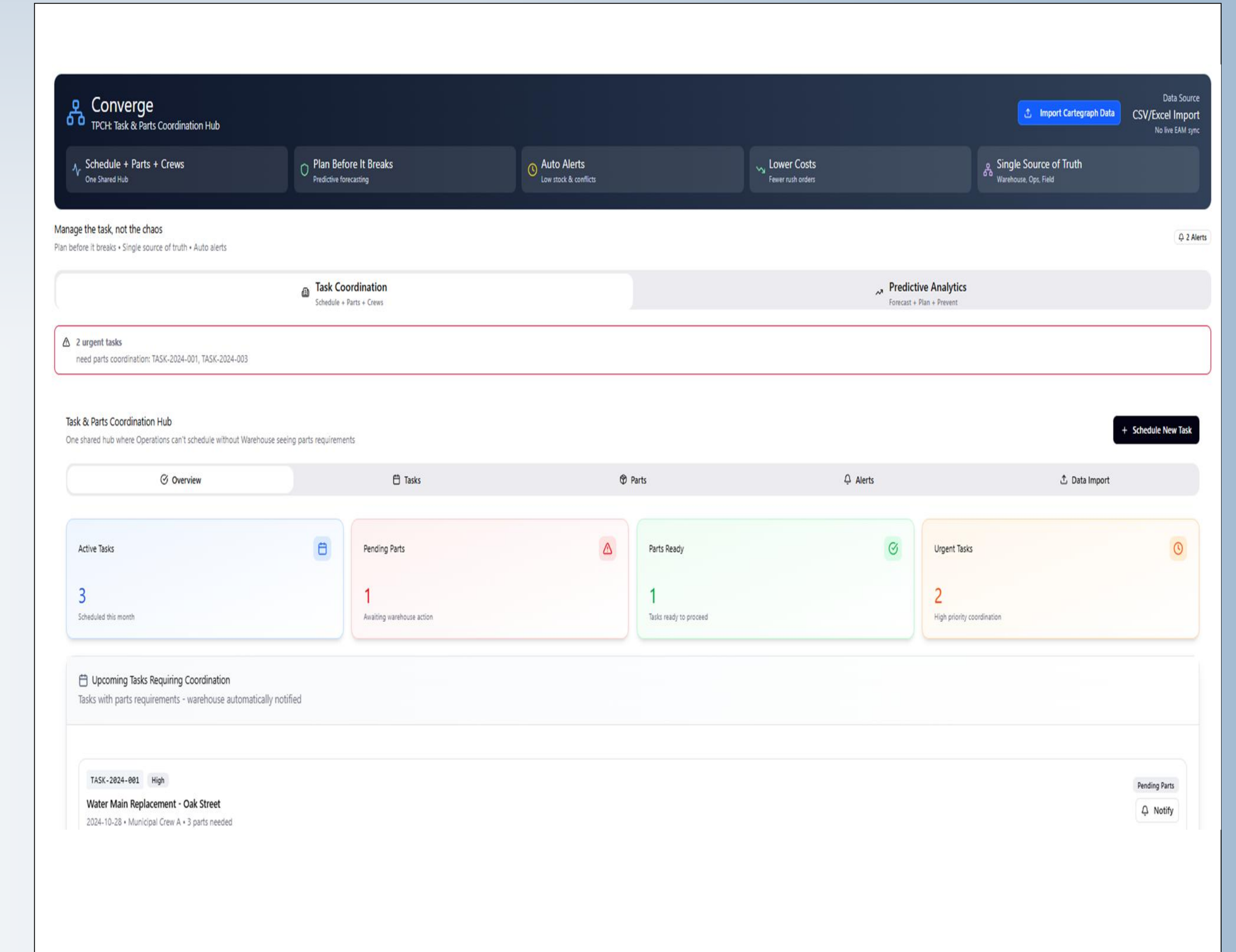
Context



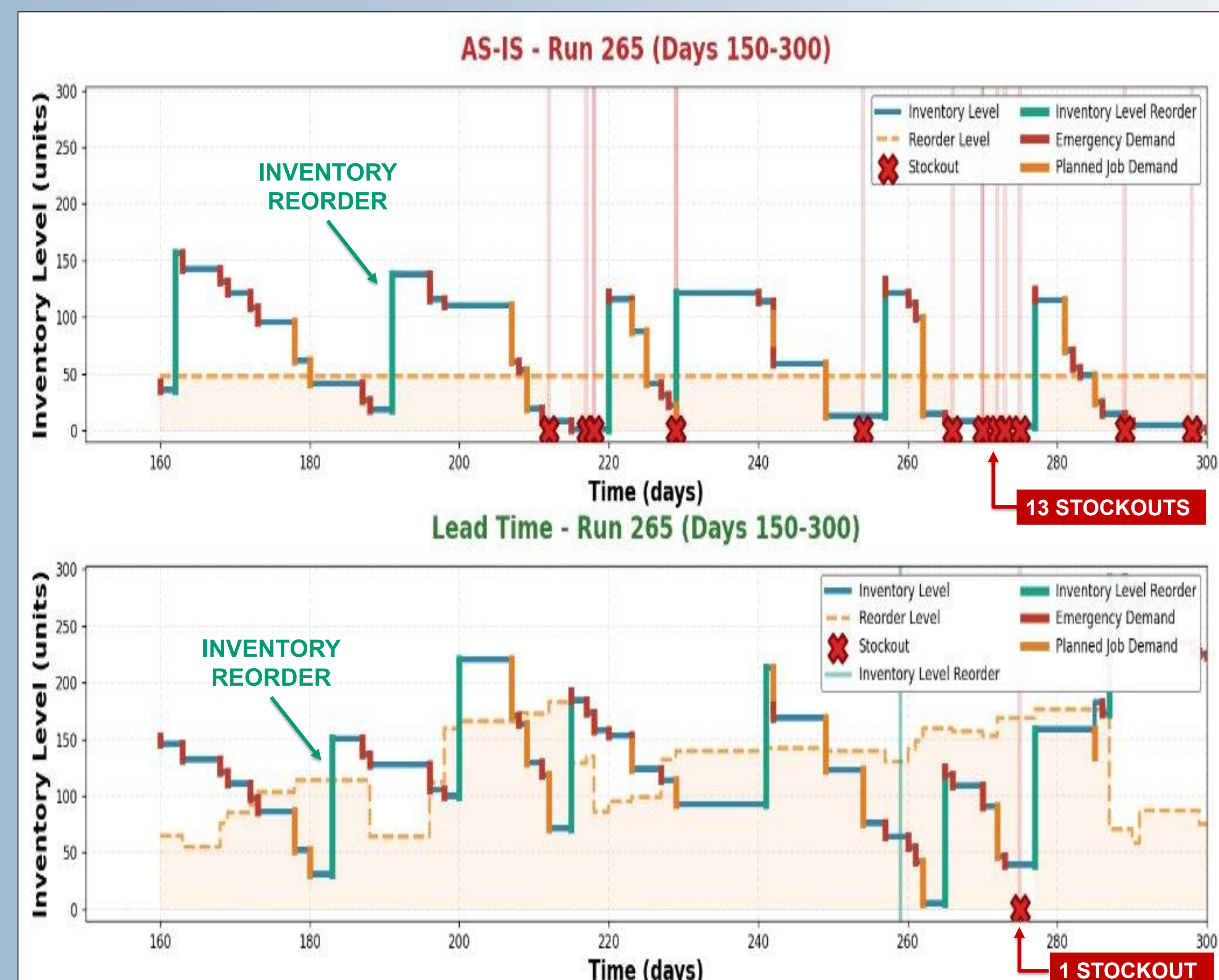
Problem Statement & Con-Ops/Solution



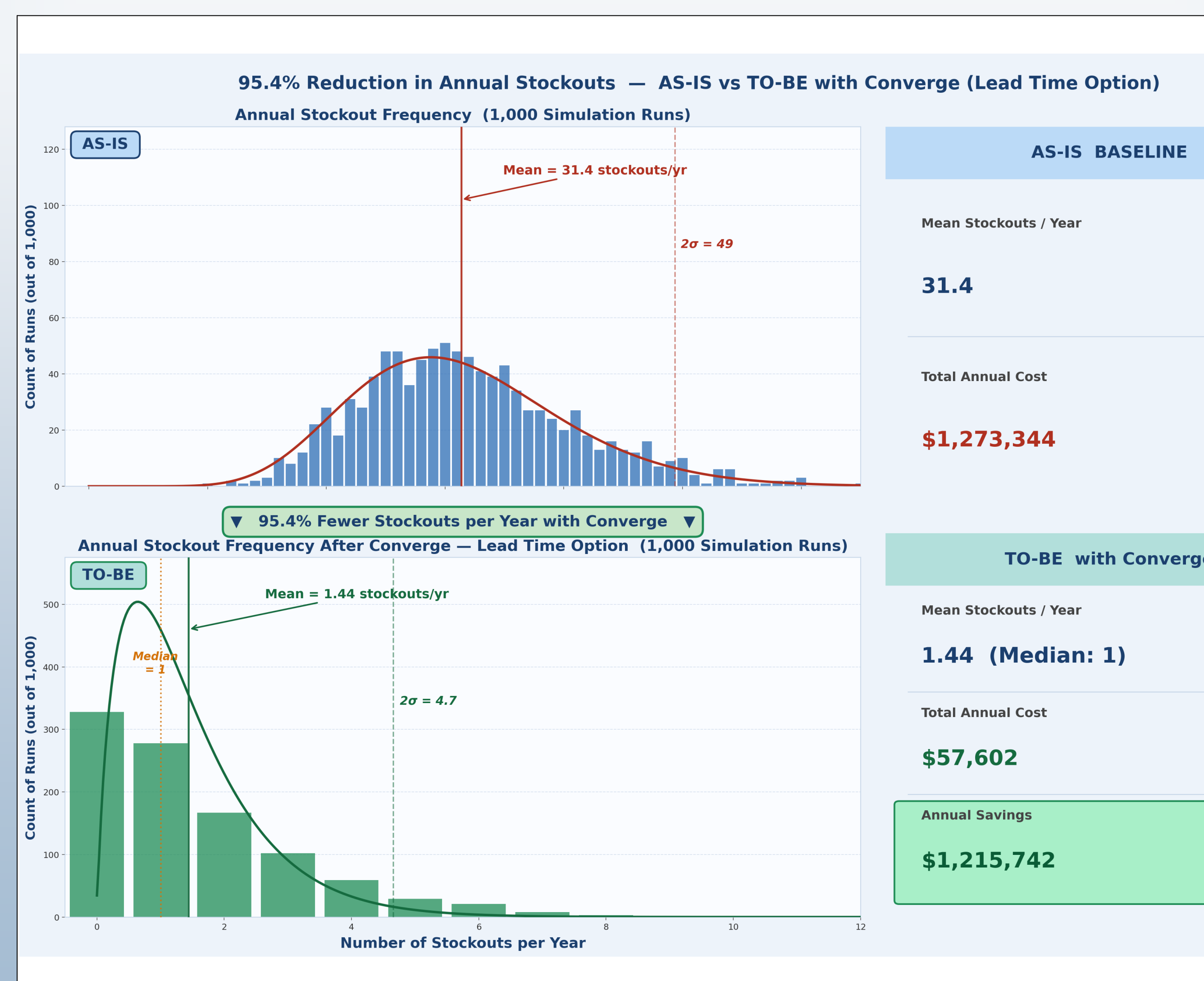
Functional Design for Sim/Product



Product Demo /Results - 1



Product Demo/Results - 2



Business Plan

Value Prop: Fewer outages via forecast-driven inventory readiness
TAM: Mid-large municipal water utilities
Business Model: \$150K / year SaaS subscription
Projections: 5 → 43 utilities (5 yrs)
~\$14M cumulative net profit
ROI / Break-Even: Break-even: Year 2
5-yr ROI: ~2,474%

