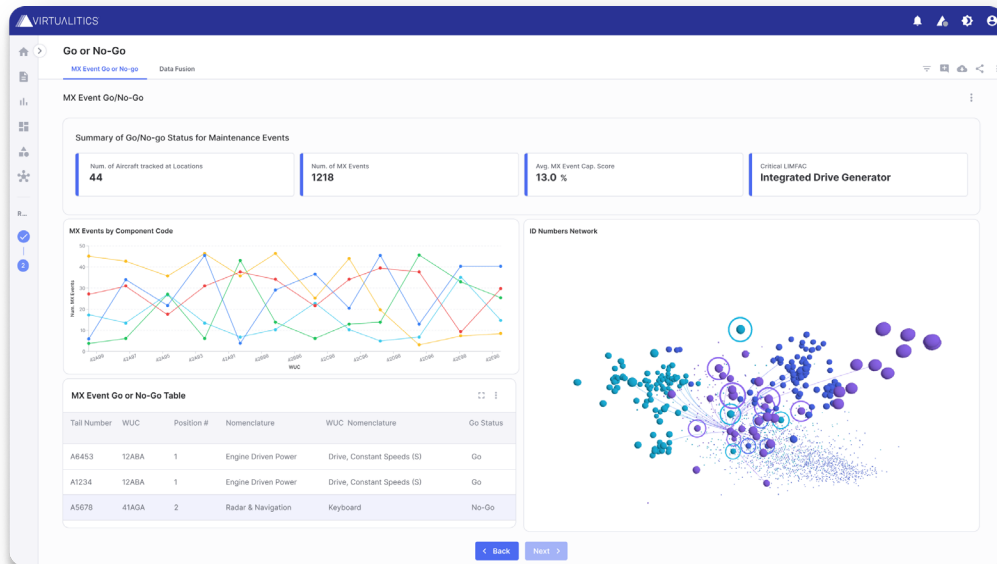


Integrated Readiness Optimization

Exceptional mission readiness demands holistic strategies



Disconnected data systems leave teams without answers and put your mission at risk. Virtualitics transforms data into impact with AI-powered Integrated Readiness Optimization (IRO) applications to improve availability and meet objectives.

AI Makes Integrated Resource Optimization Applications Possible

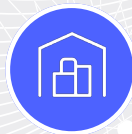
Powerful AI methodologies fuel each IRO application, synchronizing data across sources to provide an unparalleled view of what is impacting your mission.



IRO Maintenance



IRO Cognition



IRO Materiel



IRO Cyber

Informed Decision-Making Leads to Strategic Wins

IRO Applications guide teams to take impactful action and deliver significant value by combining the science of AI with the knowledge of subject matter experts.

- ▶ Enhanced Coordination
- ▶ Synergized Resource Allocation
- ▶ Effective Risk Mitigation
- ▶ Reduced Unplanned Downtime
- ▶ Increased Productivity
- ▶ Maximized Mission Readiness

IRO Materiel

Optimize Inventory, Storage, and Movement of Mission-Critical Items

Materiel and munitions personnel are overloaded with time-sensitive requests to prioritize, assemble, restore, and re-warehouse valuable materiel.

IRO Materiel accelerates the research and decision-making required for safely assembling, restoring, and moving materiel between locations.

IRO Materiel shows:

What is about to fail?

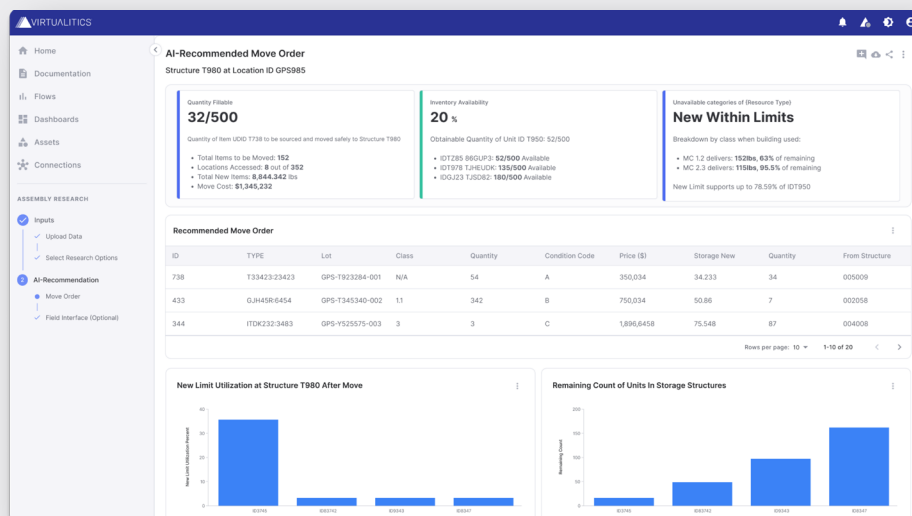
How quickly and effectively can the team access materiel?

How should you respond?

How do we safely and efficiently re-organize materiel?

What if?

What if storage availability and safety requirements change?



AI-Powered Materiel Management

IRO Materiel reveals the information and actions that increase mission readiness.



Rapid Research

Conduct quick, AI-assisted research in service of assembly, restore, and re-warehousing.



Focus on Safety

AI-based move plans verify and adhere to destination NEW limits and compatibility code restrictions.



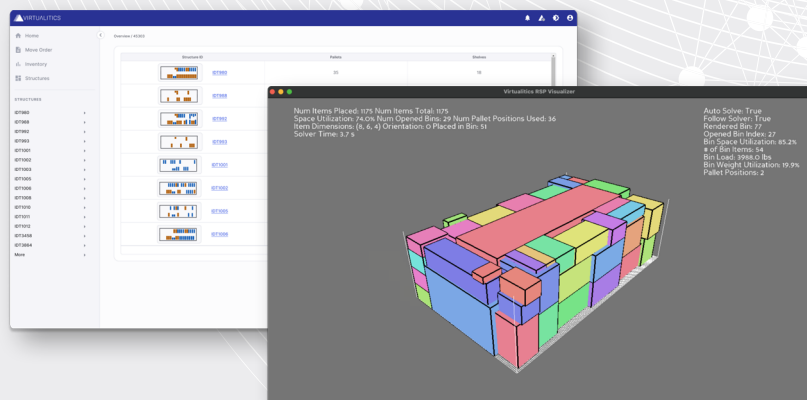
AI-Generated Move Orders

Quickly generate efficient move orders, validated by a state-of-the-art AI-powered constraint solver.



Tablet Field Interface

Usable offline and displays all relevant information and grid-locations, integrated with AI-recommended movement plan.



AI that Revolutionizes Materiel Planning

- ▶ Rapidly Answer Time-Sensitive Requests
- ▶ Generate Permissible Move Orders with Decision Intelligence
- ▶ Optimize Inventory, Storage, and Asset Movement
- ▶ Empower Munitions Personnel with Data-Driven Actionable Insights

