

Problem Statement

- **Tightly Packed Avails:** Complex, vertically stacked work across the mast and island.
- **Co-located Hazards:** High-risk mixes of hot work, solvents, and aloft crews.
- **Manual Bottlenecks:** Slow review cycles and meetings increase risk of missed hazards.

Technology Solution

- **Rules-Driven AI:** Automates compliance using OSHA and Navy RADHAZ standards.
- **Spatial Awareness:** Resolves vertical stacking and co-location conflicts instantly.
- **Actionable Insights:** Delivers clear, plain-language explanations with citations.

Key Benefits

- ✓ **Better Safety:** Eradicates manual review gaps; creates fully auditable logs.
- ✓ **Higher Velocity:** Keeps schedules moving by dynamically routing around slip.
- ✓ **Live Synchronization:** Integrates seamlessly with shipyard tools.

