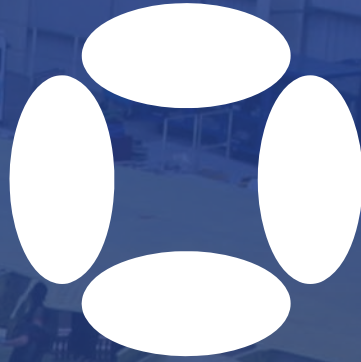




AEROSPACE, DEFENCE & MRO

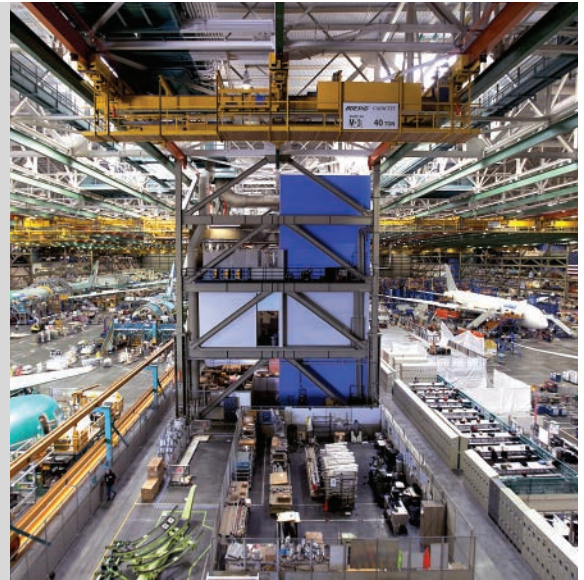


SMARTSPACE TOOLING MANAGEMENT

SmartSpace continuously monitors the movement of tools and equipment throughout the production process, revealing real-world movements, utilisation and detecting non-compliant use. This real-time view of utilisation enables operations teams to improve productivity by ensuring tools and equipment are optimally distributed and used, non-conformant tools are quarantined and inventory levels are optimised.

PROBLEM

- Wasted time searching for roaming tools and equipment
- Incorrect staging of tools and equipment in each production work zone
- Uncoordinated use of shared tools and equipment across multiple work zones
- Tools and equipment not returned to approved storage locations as scheduled
- Inability to tie maintenance and calibration schedules to real-world utilisation



SOLUTION



Overlay a real-time digital twin plugged into actual production flow using software-defined work zones

- Real-time location of all tools and equipment
- Automatic detection of incorrect or unauthorised tools and equipment in a work zone
- Automatic detection of tools roaming outside of their allocated work zones
- Real-time alerts for tools and equipment that haven't returned to stores on time
- Tie tool calibration and maintenance schedules to real-world utilisation

VALUE

- Reduced **capital investment** in tooling and equipment through better utilisation
- **Increased productivity** through better coordination of tools and equipment
- Reduction in search-time waste
- Reduced operational cost through more efficient calibration and preventative maintenance

