



Weapon System 360 WS360

*Complete Visibility.
Predictive Readiness.
Mission Success.*

U.S. Soldiers with the 81st Stryker Brigade Combat Team, strap down materials and supplies in the Supply Support Activity Area during Raven Focus at Yakima Training Center, Yakima, Wash. The 81st SBCT SSA is a crucial logistics hub responsible for receiving, storing, and distributing supplies to its units and acted as a bridge between higher-level supply technicians and the unit operating on the ground. (U.S. Army National Guard photo by Staff Sgt. Meredith Vincent)

WS360 Overview

Weapon System 360 (WS360), a comprehensive digital platform integrating equipment status, supply chain intelligence, and predictive analytics, has evolved from fragmented data systems to operational decision advantage. Army Materiel Command (AMC), in partnership with units across the force and the Defense Industrial Base (DIB), is revolutionizing equipment readiness management through three interconnected capabilities:

1. Real-Time Equipment Status Visibility
2. Integrated Supply Chain Intelligence
3. Predictive Readiness Analytics

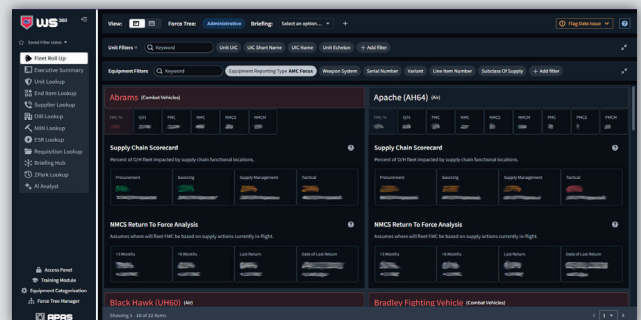
There are currently thousands of open Equipment Status Reports (ESRs) across the Army, with many deadlining critical weapon systems.

Without integrated visibility and predictive analytics, AMC lacks the operational context to make resourcing decisions to maximize readiness.

WS360 Capabilities

AMC, along with our strategic partners across the Army enterprise, is actively delivering:

1. Unified Equipment Readiness Dashboard
2. Integrated Supply Chain Visibility
3. ESR Root Cause Analytics
4. Predictive Maintenance Intelligence



WS360 dashboard: Data depicted is blurred.

WS360 in Action

Strategic Integration.

WS360 consolidates data from four critical ontologies: Equipment Reporting, National Supply Chain, Tactical Supply Chain, and the Defense Logistics Agency (DLA) Supply Chain into a single analytical environment. This integration enables commanders and logisticians to trace equipment deficiencies from deadlining ESRs through the entire supply chain to identify bottlenecks and accelerate resolution.

Digitally Connected.

By linking end item status, ESR root causes, and supply chain transactions in real-time, WS360 creates a digital thread connecting the strategic to tactical levels. Maintenance managers can see not just what is broken, but why it's broken and exactly where the repair parts are in the distribution pipeline.

Beyond Status Reporting.

WS360 isn't limited to backward-looking reports. Advanced analytics identify patterns in ESR root causes, predict future supply requirements based on operational tempo and equipment age, and recommend proactive maintenance and supply actions. These capabilities enable commanders to shift from reactive sustainment to predictive readiness management in order to send a clear signal to the supply chain management enterprise for resourcing decisions.

WS360 Benefits

- **Complete visibility** into end item operational status and ESR root causes
- **Integrated supply chain tracking** from national stock to tactical Supply Support Activity (SSA)
- **Predictive analytics** to identify readiness risks well before equipment fails
- **Accelerated decision-making** through unified data platforms
- **Enhanced mission capability** across all equipment fleets

**AMC is implementing
WS360 across the Army
enterprise to enable
data-driven readiness
from strategic planning
to tactical execution.**



Idaho Army National Guard's 1-183rd Assault Helicopter Battalion's Annual Readiness Training. (U.S. Army National Guard photo by PAO Team Member Thomas Alvarez)



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