

How a global defense agency transformed billion-pound decision-making with SharpCloud

£1 billion

in untapped opportunities identified

£5B+

in investment decisions supported across the enterprise

1

visual interactive decision environment for improving portfolio performance

Products:

SharpCloud

Industry /

Department:

Aerospace & defense

Introduction:

Large, complex defense programs require precise coordination across multiple stakeholders, projects, and geographies. A global defense agency tasked with managing an enterprise-spanning portfolio faced the challenge of integrating schedules, infrastructure plans, and cross-cutting functions into a single, coherent view. Disconnected systems and dispersed teams made it difficult to anticipate risks, identify dependencies, and make informed decisions on multi-billion-pound investments.

With national security and critical infrastructure at stake, leadership needed a solution to visualize the entire enterprise, simplify complexity, and support high-stakes decision-making. By implementing SharpCloud, the agency gained a connected, interactive platform that turned complex program data into clear, actionable insights, enabling proactive planning, risk mitigation, and strategic alignment across the organization.

The challenge:

A global defense agency was tasked with integrating key program schedules across its defense portfolio to create a unified network model of the enterprise. This network needed to map key build components, infrastructure development, and cross-cutting functions, helping leaders identify gaps, issues, and dependencies across the organization.

The enterprise spanned government, industrial, and international boundaries within a multi-national community. Its mission was a national endeavor as complex and challenging as landing a man on the moon. The network solution required advanced scheduling and visualization tools to connect intricate timelines, visualize the enterprise in its entirety, and simplify complexity.

Given the high stakes—including matters of national security and multi-billion-dollar investments—the agency required a platform that ensured accuracy and reliability in decision-making.



The solution:

SharpCloud's visualization tools enabled the agency to plan meticulously and accurately forecast the impact of events—such as supply chain delays—on their timelines. They could project future needs years in advance with precision akin to knowing the exact day or week. By leveraging the network capabilities of SharpCloud, the agency harnessed collective learning and tapped into a vast pool of internal knowledge. Thousands of storylines could be shared across the organization, with each actively engaged, viewed, or updated by the relevant teams.

SharpCloud transformed complex enterprise data into clear, actionable narratives, elevating discussions with senior stakeholders and providing deeper insights for decision-making. Its visualization and forecasting capabilities allowed the agency to identify risks early and implement mitigation strategies effectively. At the same time, SharpCloud facilitated collaboration across teams, enabling the agency to work cohesively toward shared objectives while maintaining a comprehensive, connected view of the entire defense portfolio.

Results:

SharpCloud simplified complex enterprise data into clear, compelling narratives, enabling senior decision-makers to focus on what truly mattered. Transparent, interactive storylines highlighted risks, dependencies, and gaps, ensuring issues could not be overlooked. This approach supported more informed, timely decisions and fostered a culture of accountability and collaboration across the agency.

Financially, SharpCloud helped the agency identify missed opportunities worth over £1 billion, rapidly recognize the need to commit £500 million to essential infrastructure, and provide a clear rationale for allocating an additional £3 billion over the next two years. By centralizing knowledge and capturing institutional learning, the platform increased transparency, mitigated risk, and strengthened confidence in major investment and operational decisions.

“SharpCloud is the only platform I have seen that has the ability to solve difficult project challenges quickly and help identify blockers to delivery. It really is a cutting-edge use of roadmapping and visualization technology.”