



cyviz

CASE STUDY



**Cyber & Specialist
Operations Command**

Secure Command and Control for Mission-Critical UK Defense Operations

COMMAND & CONTROL

CORPORATE SPACES

ENVISIONING & STORYTELLING

AT A GLANCE

Industry Defense

Location United Kingdom

Challenge The UK Ministry of Defense needed a secure command-and-control environment that could support mission-critical decision-making in a complex operational setting. The solution needed to:

- consolidate multiple data feeds into a single, coherent operational picture;
- enable secure collaboration across different classification levels;
- support rapid analysis and decision-making in a controlled environment; and
- be delivered within a tight timeframe while meeting strict defense-sector requirements.

Products

- Cyviz Software Platform
- Visualisation and command & control solutions
- Multi-classification collaboration capabilities

Solution

Cyziv delivered a secure command-and-control environment that gave operators a single operational view while supporting controlled collaboration across multiple classification levels.

The solution enabled teams to:

- consolidate information from multiple sources into one coherent workspace;
- access, compare, and share relevant information more efficiently;
- collaborate securely across different security domains; and
- support faster, better-informed decision-making in mission-critical operations.

ABOUT THE PROJECT

When the Cyber and Specialist Operational Command within the UK Ministry of Defense needed a command-and-control environment to support mission-critical operations, it selected Cyviz to provide a secure and operationally focused solution.

The requirement was clear: create a workspace that could bring together multiple information streams, improve collaboration, and support rapid decision-making without compromising strict security controls. Using Cyviz' visualization and multi-classification capabilities, the customer gained a platform that enables personnel to access, compare, and share information in a controlled environment.

The deployment demonstrates how Cyviz supports sensitive defense operations where reliability, information assurance, and operational clarity are essential. It also provides an important reference for Cyviz' growing role in the UK defense sector.



THE SOLUTION

The customer required a secure operational environment where information from multiple systems could be brought together, reviewed, analyzed, and shared efficiently.

Cyviz responded with a command-and-control solution designed to consolidate multiple data feeds into a unified operational workspace. The platform supports multi-classification workflows, enabling users to operate across different security domains while maintaining appropriate controls over information access.

The result is an enhanced operational environment that helps users compare information, collaborate more effectively, and make decisions based on timely, accurate, and trusted data.



Key Components of the Solution

Unified Operational View

Cyviz brought data from multiple sources into one clear visual environment, giving operators a more complete and consistent view of the operational picture. Instead of moving between disconnected systems, teams can work from a single workspace that supports faster assessment, easier comparison of relevant data, and more confident decision-making during mission-critical activity.

Multi-Classification Capability

The solution supports secure collaboration across multiple classification levels, allowing operators and decision makers to work with information from different security domains while maintaining clear boundaries around access and control. This helps teams share, compare, and act on relevant information in a controlled environment without compromising defense security requirements.

Enhanced Situational Awareness

By bringing relevant information into one accessible view, the solution gives operators and decision-makers a clearer understanding of what is happening, what has changed, and where attention is needed. This improved visibility strengthens situational awareness, supports faster prioritization, and enables more informed responses in time-sensitive operational environments.

THE SOLUTION

Mission-Critical Collaboration

The command-and-control environment gives operators, analysts, and decision-makers a shared workspace for secure collaboration. Teams can view, compare, and discuss relevant information in a controlled setting, helping coordinate activity more efficiently while preserving the security boundaries required for defense operations.

Secure-by-Design Foundation

The deployment provides a secure-by-design foundation for future accreditation, compliance, and security initiatives in highly regulated defense environments. Because security considerations were embedded into the solution from the outset, the platform supports controlled information sharing, clear access boundaries, and disciplined operational workflows. This gives the customer a stronger basis for future security reviews, operational enhancements, and wider deployment across defense and government use cases.



Image used for illustrative purposes only

A futuristic command center with military personnel in camouflage uniforms. In the background, a man and a woman stand before a large wall display showing a city map with a red box and the text 'TARGET LOCKED'. The woman holds a document. In the foreground, several people are seated at desks with multiple computer monitors. One monitor shows a world map, another shows a line graph, and another shows a list of data. The room is dimly lit with blue and green light from the screens. The text 'tus:Online' is visible on the wall display.

Secure-by-design initiatives
and advanced command-and-control solutions.

KEY LEARNINGS



Security Must Be Built Into Every Layer

The project shows that security must be designed into every layer of a mission-critical solution. For defense customers, operational efficiency and information protection are inseparable: teams need to access, share, and act on information quickly, but only within the controls, boundaries, and assurance required for highly regulated environments.

Agility Matters

Close collaboration between the customer and project teams was essential to delivering within a demanding timeframe. Clear priorities, regular communication, and a shared focus on the operational outcome helped the project move quickly while still meeting the standards expected in a secure defense environment.

Integration Creates Value

Bringing multiple information sources into one operational view gives teams a clearer and more complete understanding of the situation. This reduces reliance on fragmented inputs, improves coordination across teams, and supports faster, better-informed decision-making in mission-critical environments.

Trust Is Critical

Successful delivery in a highly secure environment builds confidence in both the technology and the delivery approach. For defense customers, trust is critical because it shows that complex requirements can be handled responsibly, sensitive information can be protected, and mission-critical outcomes can be achieved without compromising assurance. This strengthens long-term relationships and creates a stronger foundation for future collaboration.

GOING FORWARD

This project provides an important UK defense sector reference for Cyviz, demonstrating its ability to support organizations operating in highly secure, mission-critical environments. It shows how Cyviz can deliver complex command-and-control solutions that bring together operational clarity, secure collaboration, information assurance, and rapid decision-making.

As a proven deployment in a sensitive defense setting, it strengthens Cyviz' credibility with defense and government customers and creates a strong foundation for future opportunities. It also reinforces Cyviz' wider focus on secure-by-design initiatives and advanced command-and-control solutions.

DON'T HOLD BACK



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