

]pexip[ ×  rocket.chat × BLUESCAPE<sup>™</sup>

# The collaboration suite for mission-critical operations

Secure mission communications with a self-hosted, air-gapped collaboration platform



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# Cybersecurity: The new battlefield

In today's era, the digital battlefield holds just as much importance as its physical counterpart. Therefore, safeguarding mission communications and thwarting cyber attacks is the perpetual objective.

Defense and other federal agencies find themselves in the crosshairs of bad actors. As highly visible targets, any cyber attack could have far-reaching consequences.

**Around 70%**

of military organizations worldwide have experienced significant cyber attacks in 2022.

**Over 30,000**

cybersecurity incidents have been reported by the US Department of Defense in 2020 alone.

**Source: U.S. Government Accountability Office**

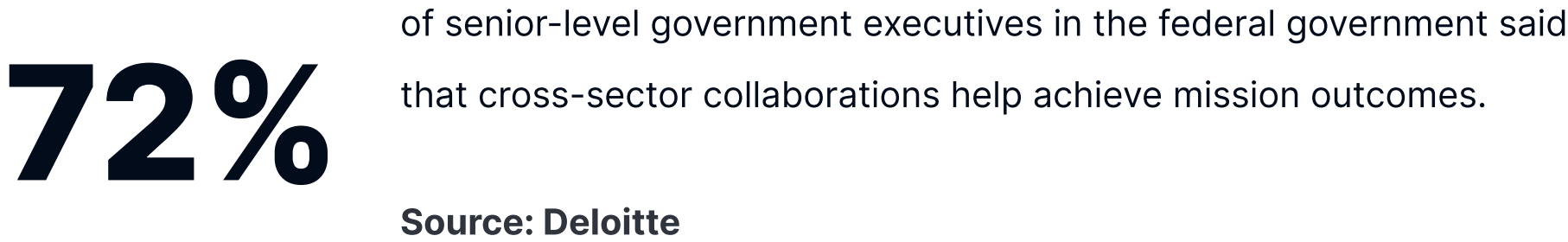
A breach that impacts communication networks and systems could disrupt key operations, impeding the ability to achieve mission objectives. The solution to this problem is adopting a secure communication platform.

Such a platform would provide end-to-end encryption, guaranteeing the confidentiality of all messages transmitted across the network and ensuring they cannot be intercepted or deciphered by unauthorized individuals. Data integrity is paramount to mission success. Therefore, it is vital to enforce data loss prevention policies and control sensitive information shared within and beyond the workspace.

To mitigate the risk of a damaging data breach, any recommended platform must follow zero-trust principles, enforce rigorous identity validation, and restrict access to sensitive data through role-based access control.

# Defense communication: A tangled web

The Department of Defense (DOD) network is vast, with joint operations and stakeholders spread across vast geographical regions. Ensuring interoperability is an absolute necessity. International alliances compound the complexity. Seamless communication and coordination among these entities pose a monumental challenge.



This predicates the need for a secure communication network that enables the confidential exchange of classified information and intelligence across teams.

Research suggests that poor communication can significantly undermine operational efficiency.

Efficient operations lean on timely communication. Any errors in sharing mission data or delays in critical communication can result in operational mishaps, gravely compromising both productivity and the overall efficacy of defense missions.

An ideal communication solution must provide secure cross-platform messaging. It should facilitate the secure exchange of mission-specific information, tactical data, and strategic knowledge among various agencies and allies in any form, from documents and images to hi-resolution and live-stream videos. The system should allow authorized personnel to access it securely, at any time, from any location, with any device. Incorporating such advanced communication capabilities will provide a unified, efficient, and secure communication network — critical to the success of global defense operations.



# Unified communications: The missing link in battleground coordination

Ground forces fulfil their duties in challenging and stringent conditions. Given the broad distribution of personnel and assets, it can be challenging to ensure operational readiness and coordination at all classification levels. The different services, branches and units use different communication networks, creating isolated pockets of information and increasing the likelihood of important details being overlooked or lost.

The command and control system (C2) works fast to collect and understand information; however, disparate communication systems slow down responses when time is of the essence, impacting leadership's ability to make well-informed decisions.

Situational awareness is vital in such instances, including equipping defense personnel with the necessary tools to effectively relay battlefield information, providing real-time updates, and attaining a thorough understanding of the situation.

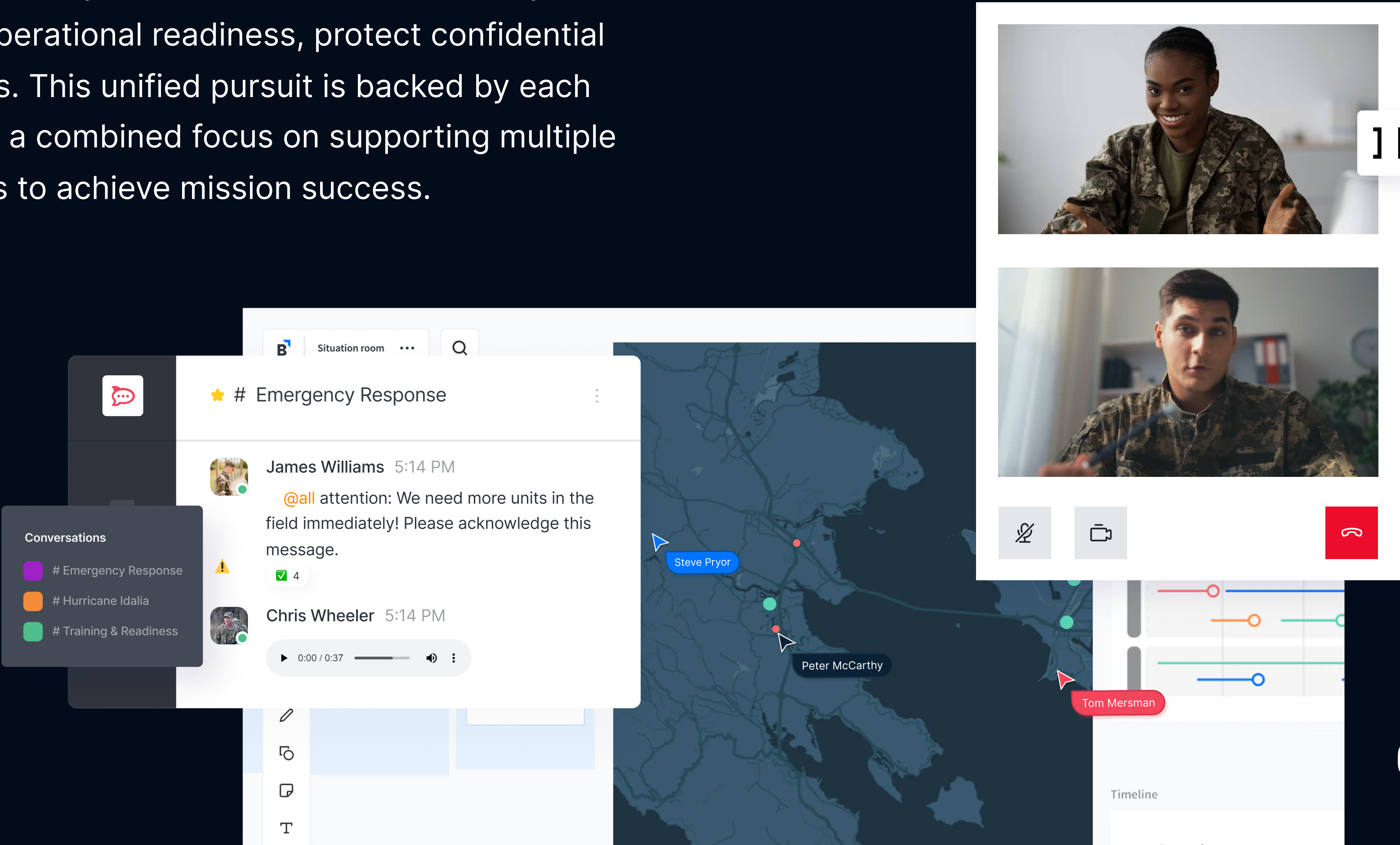
A unified collaboration suite can synchronize disparate communication networks, prevent data loss, improve response times, and support efficient decision-making by providing a holistic situational overview. Empowering leaders with real-time updates, pertinent battlefield details, and 360-degree situational awareness, irrespective of location or device, will ensure operational readiness, improved coordination across classification levels, and successful mission execution, even in demanding environments.



# Introducing the **ultimate toolkit** for mission collaboration

Rocket.Chat, Pexip, and Bluescape have joined forces to provide a secure, reliable, and integrated collaboration platform designed for the unique needs of mission-critical operations. Our collective toolkit is engineered to enhance operational readiness, protect confidential mission data, and establish situational awareness. This unified pursuit is backed by each solution’s individual strengths and expertise, and a combined focus on supporting multiple defense operations across all classification levels to achieve mission success.

Trusted by:





## — The solution

Our platform operates as a centralized, virtual workspace for mission-critical information sharing, visual planning and organization, and live and asynchronous collaboration. It enables agile teams to conduct planning sessions and real-time operational center activities on a canvas that can be securely accessed from any location.

It allows defense personnel to have fully non-readable private conversations with end-to-end encryption (E2EE) and restricts access to sensitive information with role-based access control. The reliable video conferencing features enable ground forces to connect quickly with key stakeholders, and provide a clear picture of the battlefield to the C2, thus empowering the leadership to make intelligence-led decisions.

The combined solution addresses situational awareness needs:

- Real-time responsiveness to emerging situations
- Collaboration and planning across geographically dispersed or cross-functional teams
- Secure and timely information sharing
- Visualization of multiple and disparate data streams, formats, and analysis
- Access controls and partitioning for bringing together coalitions and other ad-hoc groups
- Enhanced communication functionality—eliminating information gaps, miscommunications, and delays.

Together, our collaboration suite provides a reliable, secure, and unified communication system for commanders, base units, and task forces to confidently deliver on mission-critical objectives and drive mission success.



## About Rocket.Chat

Rocket.Chat is the trusted defense communication platform across all classification levels — right from secure remote offices to high-stakes extreme environments. We enable defense personnel to communicate privately, share and manage mission-critical information, collaborate on mission strategies in real-time, securely connect with key partners to exchange classified intelligence and protect confidential data from unauthorized access, interception, and tampering. Defense organizations worldwide trust Rocket.Chat for its comprehensive approach to enhance operational readiness, communicate securely, and establish situational awareness to accomplish mission-critical objectives and propel mission success.

## About Pexip

Pexip is a global video technology company on a mission to provide seamless communication to all organizations regardless of technology platform and security requirements. Pexip's customers are primarily large private and public organizations for whom security, privacy, and data sovereignty are paramount. The Pexip Connect line of products helps organizations modernize their video conferencing infrastructure and deliver simpler meeting experiences for all. Pexip's interoperability technology serves as a bridge between a wide range of meeting solutions. Pexip Secure & Custom video solutions are designed to meet the growing demand for greater data privacy and protection. Pexip helps organizations achieve regulatory compliance, while ensuring that these businesses maintain complete control of their video meeting data.

## About Bluescape

Bluescape gives teams a secure digital space where they can work like they're in the same room—bringing data, tools, and people together for productivity and agility. Bluescape is often described as a virtual whiteboard or virtual workspace, providing a centralized space to gather, visualize, and leverage knowledge, content, and data, including images, graphics, videos, documents, and data streams. Available as both a FedRAMP authorized cloud solution and air-gapped software, Bluescape is built for the security needs of the public sector.

# Navigating communication barriers for unified defense operations

Geographically dispersed defense and other federal agencies, require interoperability for unified operations. However, establishing secure and seamless communication across these units is laden with several challenges.



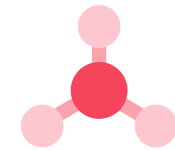
## Mission data security

The foremost issue is maintaining the security and privacy of critical mission information. Data breaches compromise sensitive information, operation plans, and national security. So, mission communications need to be completely private since the stakes are so high.



## Unified communication lapse

Every department or branch relies on separate communication networks and tools for communication needs. This creates isolated and siloed pockets of information, where details can fall through the cracks. The lack of a unified picture handicaps commanders from making well-informed and intelligence-led decisions.



## Disjointed information flow

Troops on the ground operate in challenging environments. Hence, defense communications involves sharing and accessing data over multiple devices and locations. It's challenging to establish situational awareness if they don't have access to a unified view or have access to the right personnel at the exact right time.



# Unified and secure communication across all levels

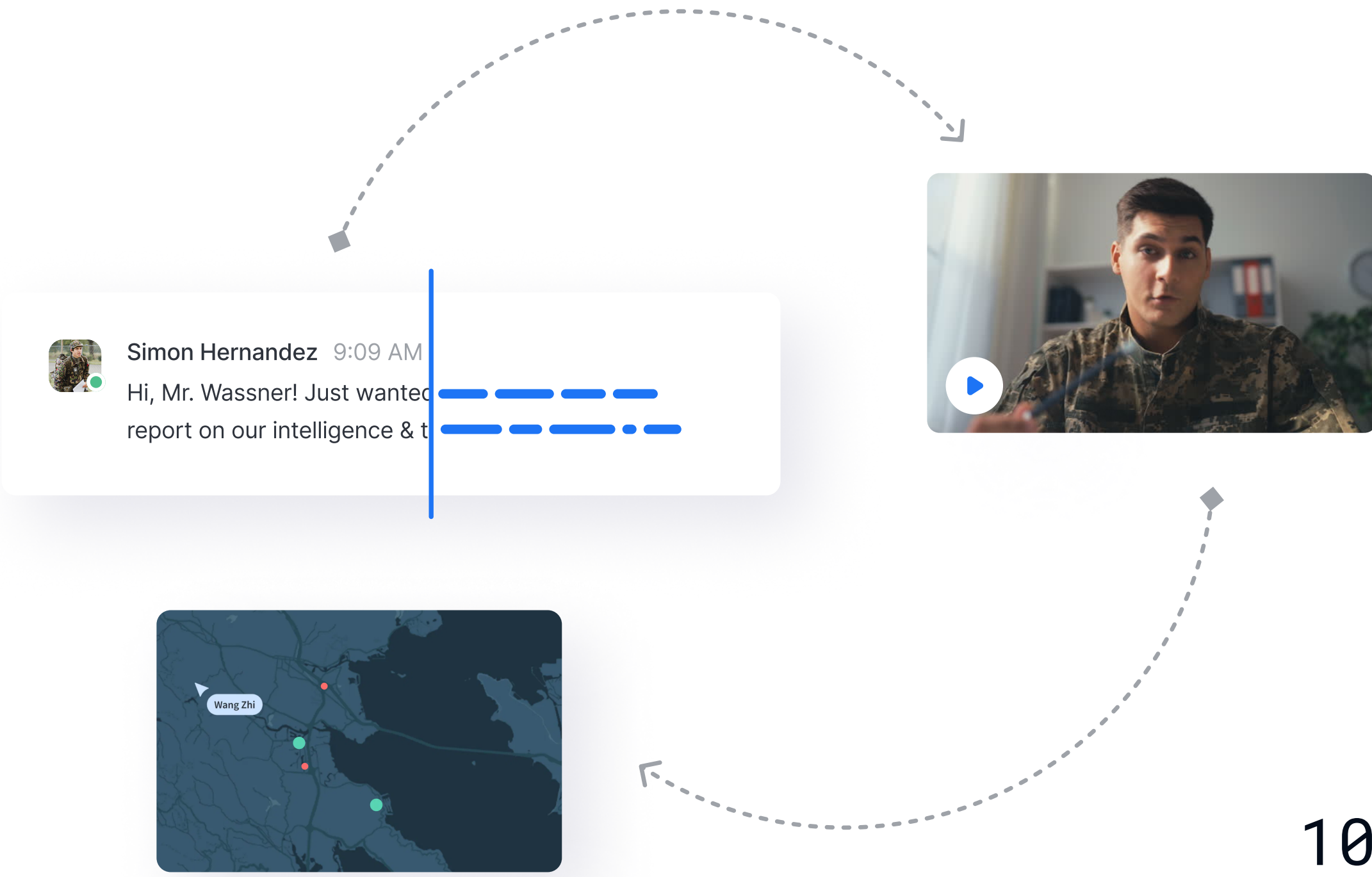
Bluescape’s virtual workspace provides room for essential mission information, real-time data, and strategic plans, with the ability to share that data with role-based privileges, ensuring all personnel have access to the necessary resources during critical moments, spanning the gaps between different teams, agencies and even countries.

Rocket.Chat aids in seamless and secure internal communication regarding the mission, engaging key mission partners, regardless of the tool they use. Our integration bridges provide the convenience of secure cross-platform messaging. This eliminates the need to juggle multiple tools and streamlines communication by being able to communicate in real-time, create a secure video call in real-time, or even spin up a secure whiteboard in real time for whatever you need.

With Pexip, ground forces can provide a clear picture of the battlefield – it helps them establish situational awareness. This empowers commanders to make faster, intelligence-led decisions. With real-time, secure video conferencing capabilities, it becomes easier to bring the right people and information together, regardless of their location.

Our joint offering provides a single platform for combined intelligence by gathering information from different sources for a single source of truth. Defense personnel can bring everything under a single roof — chats, calls, projects, people, tools, planning boards & workflow for a single source of truth to make informed decisions. The end result is a unified view that facilitates a comprehensive understanding of operations, allowing for swift, informed decision-making that is paramount to the mission's success.

In addition, leveraging these technologies strikes a healthy equilibrium between privacy, security, and compliance, while also granting the freedom to collaborate effectively.





# Mission-ready security

Rocket.Chat, Pexip, and Bluescape together provide a secure platform that caters to the unique needs of various missions, hardened specifically for intelligence use. All three platforms are designed with the strict data security measures, ensuring that confidential data and mission-critical communication are safeguarded.

Our authority to operate within the DOD and at the Top Secret Level, along with deployment through several Impact Levels, demonstrates our ability to handle sensitive data and conduct operations at different security scales effectively.

We take pride in the certifications and compliances we have earned, demonstrating our adherence to the highest standards of data protection and security. These include the internationally recognized standard for the management of information security - ISO 27001, SOC 2 certification, FedRAMP authorization which shows our capabilities to secure networks and data under federal regulations, and the coveted Iron Bank certification highlighting our compliance with the rigid security controls required by the Department of Defense.

We provide flexible deployment options to give agencies complete ownership over their data. Apart from these, we provide complete end-to-end encryption, protecting mission-critical conversations from unauthorized access, interception, or tampering.



# Deploy anywhere. **Ultimate flexibility.**

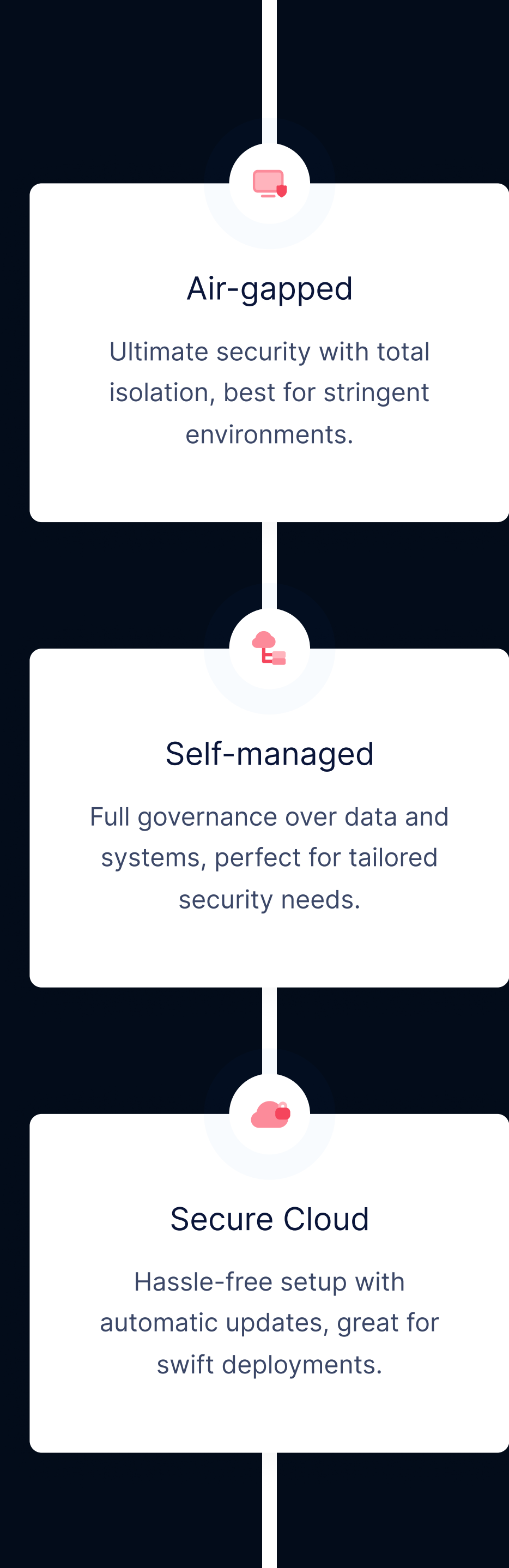
Have complete control over mission-critical data by deploying our solutions on-premise, in a secure cloud, or in air-gapped environments if you need to operate in 100% disconnected mode.

Our solution gives greater flexibility in choosing the hosting environment according to your mission's security requirements:

- **Self-managed:** If you're seeking the utmost level of privacy and control, then an on-premise setup is ideal where every bit of data is saved in the local storage of your business.
- **Secure cloud:** You can choose a secure cloud hosting option that provides flexibility, accessibility, and ease of data management while ensuring optimal data protection.
- **Air-gapped:** For organizations with extreme security requirements, we can also deploy in air-gapped environments that completely isolate your network, ensuring zero accessibility from external networks, thereby creating a 100% disconnected mode guaranteeing the highest level of data security.

**Looking to eliminate the challenges and complexities that come with air-gapped deployments?**

[Request a free consultation](#)



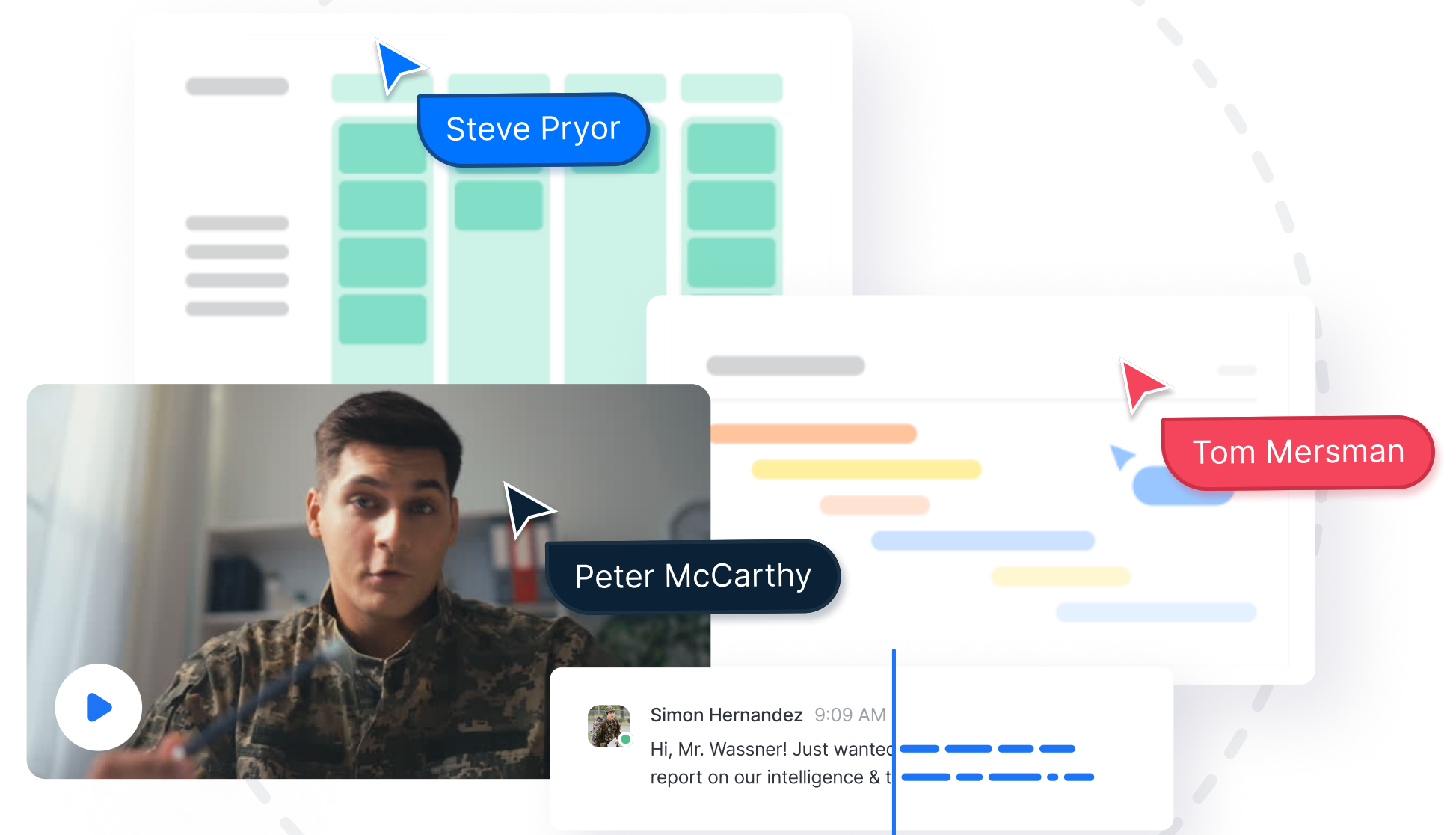
# Conclusion

In DOD organizations, the necessity to maintain secure, seamless communication between various geographically dispersed forces, agencies, and international allies is paramount for a unified operation. This is where the strategic alliance of Rocket.Chat, Bluescape, and Pexip proves its mettle. We are offering a secure, reliable, and unified collaboration suite that centralizes mission-critical information, enhances communication, and promotes intelligent, data-driven decision-making.

The joint partnership provides a unified platform that consolidates critical mission resources and intelligence data from different sources for a single source of truth for combined intelligence. This collaborative solution aims to make information easily discoverable and shareable across all classification levels, streamline mission-related information flow, making it accessible to the appropriate personnel at the right moment.

Simultaneously, it enables commanders to make timely, intelligence-led decisions. In essence, this comprehensive solution is engineered to enhance operational readiness, protect confidential mission data, and establish situational awareness, ensuring the security and integrity of mission-critical information, and preserving national security to the highest degree possible.

This framework we offer stands poised to transform the DOD operations ensuring success not just for individual missions, but for the larger defense landscape.





# Ease of procurement

Our network of partners and contract vehicles enables us to deliver our solutions to defense, intelligence, and federal civilian customers.

|  |   |  |
|--|---|--|
| <br>GSA Contract #:<br>47QSEA20D009S  | <br>NASA SEWP:<br>NNG15SD09B                         | <br>NASPO ValuePoint<br>Master Agreement No.<br>#AR2472 |
| <br>GSA Schedule No.<br>47QSEA20D009S | <br>SEWP V Contracts No.<br>NNG15SC03B<br>NNG15SC27B | <br>ITES-SW2 Contract No.<br>W52P1J-20-D-0042           |

Partners:

|  |   |   |  |  |
|--|---|---|--|--|
| <br>BAHFED CORP | <br>CTG FEDERAL                    | <br>Raytheon Technologies                | <br>NGI NORTHROP GRUMMAN | <br>carahsoft |
| <br>FEDDATA      | <br>immixGroup<br>An Arrow Company | <br>GENERAL DYNAMICS<br>Mission Systems |  |  |





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# Get in touch with our experts

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[Air-gapped consultations](#)