

]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

The defense is at the forefront of national security. If such is the case, cyberattacks in this area might have far-reaching consequences. This is why it is a popular target for cyber attackers.

When a breach occurs in the defense communication network, it results in a disruption of key operations, impeding the ability to achieve mission objectives and potentially leading to disastrous outcomes for mission success.

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

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.

The solution to this problem is the adoption of a secure communication platform. This platform should 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. Moreover, ensuring the integrity of data is paramount to mission success. Hence, it is vital to enforce data loss prevention policies and keep tabs on the sensitive information shared within and beyond the workspace.

Data breaches put sensitive information, operational plans, and national security at risk. If confidential military plans were to be seized in an espionage operation, it would pose a grave threat to national security. In order to mitigate the risk of data breaches, it is recommended to use a communication platform that is compatible with zero-trust environments, enforces rigorous identity validation, and restricts access to sensitive data through role-based access control. Such preventative measures are essential in ensuring the security and integrity of mission-critical information, thereby preserving national security to the highest degree possible.

# Defense communication: A tangled web

Defense is multifaceted in nature with various branches of armed forces and agencies spread across vast geographical regions. Ensuring interoperability among these branches is an absolute necessity for a unified defense stance. International alliances compound the complexity. Nations form military alliances, like NATO, for collective defense against common threats. Seamless coordination among these entities poses a monumental challenge but is indispensable for efficient strategic mission planning.

72%

of senior-level government executives in the federal government said that cross-sector collaborations help achieve mission outcomes.

Source: Deloitte

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

Research suggests that poor communication can significantly undermine operational efficiency.

Defense operations heavily lean on timely means of communication for their successful implementation. Any error in transmitting mission data or delay in delivering critical communication can lead to operational mishaps. Such missteps can gravely compromise both operational productivity and the overall efficacy of defense missions.

The ideal communication solution must provide secure cross-platform messaging features to enable interoperability for an integrated defense stance. It should facilitate a secure exchange of mission-specific information, tactical data, and strategic knowledge among various branches and allies. The system should allow authorized personnel to access it securely, irrespective of their geographical location. And it should support not just secure messaging, but also the secure transmission of documents, images, and location specifics. The incorporation of such advanced communication capabilities will aid in creating a unified, efficient, and secure communication network — a critical need for the success of global defense operations.



# Unified communications: The missing link in battleground coordination

Ground forces may need to fulfil duties in challenging and stringent conditions. Given the broad distribution of the troops, it's tough to ensure operational readiness and coordination among defense personnel across all classification levels. Each unit uses different communication networks to meet their unique communication requirements. Unfortunately, this can create isolated pockets of information and increase the likelihood of important details being overlooked or lost.

The command and control system (C2) works fast to collect and understand information coming in from the ground forces. But disparate communication systems could slow down responses when time is of the essence. This makes it difficult for commanders to make well-informed decisions without a complete grasp of the circumstances.

During such instances, equipping defense personnel with the necessary tools to effectively relay battlefield information, provide real-time updates, attain a thorough understanding of the situation, and establish situational awareness is pertinent.

An integrated, secure communication system is vital for dispersed defense forces, enabling seamless information sharing and accelerated decision-making. 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 commanders with real-time updates, pertinent battlefield details, and situational awareness, irrespective of location or device, will ensure operational readiness, improved coordination across classification levels, and successful mission execution, even in demanding environments.

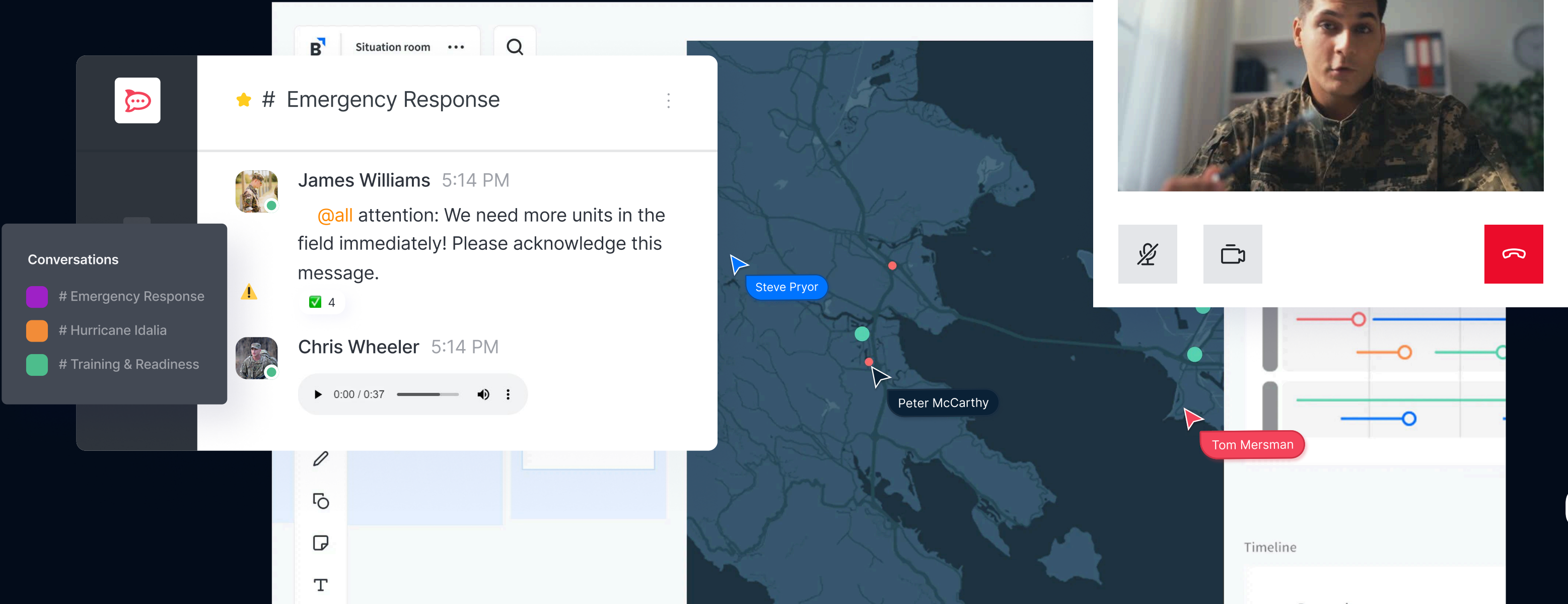




# Introducing the **ultimate toolkit** for mission collaboration

Together, Pexip's secure video engine, Bluescape's advanced collaboration space, and Rocket.Chat's Secure CommsOS™ for messaging & AI form a single solution. The combined platform is secure, reliable, and designed for the unique needs of mission-critical operations. This unified pursuit is backed by our individual strengths and expertise, with a focus on supporting multiple defense operations across all levels of classification — from secure headquarters to the farthest deployed troops — to achieve mission success.

Trusted by:





## — The solution

Our collective toolkit is engineered to enhance operational readiness, protect confidential mission data, and establish situational awareness. It enables agile teams to conduct planning sessions and workshops on a canvas that can be securely accessed from any location. It creates a centralized space for intelligence teams to access information beyond meetings, anywhere, anytime. With secure, visual collaboration functionalities, commanders and troops can plan missions, discuss mission strategies, gather ideas and inputs, and resolve issues. It provides unprecedented visibility and timely information sharing.

Our secure communication platform 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. Furthermore, it enables collaboration with mission partners regardless of the tool they use and facilitates secure exchange of classified information across branches, allies, and agencies.

The reliable video conferencing features grant ground forces the ability to connect securely and quickly with key stakeholders even in extreme environments. It enables them to provide a clear picture of the battlefield to the command and control system (C2), thus empowering them to make intelligence-led decisions.

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 Secure CommsOS™ is the trusted defense communication platform across all classification levels. Built for classified communications, air gapped deployments, and out of band connectivity, it delivers the resilience, security, and adaptability demanded by mission critical environments. It unifies messaging, voice, video, AI, and mission critical applications into a single solution that ensures data privacy, compliance, and operational efficiency. Defense organizations worldwide rely on Secure CommsOS™ to communicate privately, coordinate mission strategies, exchange classified intelligence, and protect confidential data from unauthorized access. By consolidating these capabilities, Secure CommsOS™ drives operational readiness, situational awareness, and 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 is a mission-ready visual workplace. We're not an agile solution—instead, our platform makes agile solutions work better. Bluescape empowers distributed teams with easy-to-use tools to bring agility to complex processes—eliminating miscommunications, missed deadlines, and wasted time. Available as both FedRAMP authorized cloud solution and air-gapped software, Bluescape is built for the security needs of the public sector. Bluescape was founded and is based in the United States, and we keep customer data stored securely right here at home.



# Navigating communication barriers for unified defense operations

Defense involves various geographically dispersed armed forces and agencies. For a unified defense, these branches must be interoperable; however, establishing secure and seamless communication across these units is laden with several challenges.



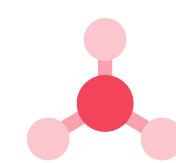
## Mission data security

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 their communication needs. This creates isolated and siloed pockets of information and important 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

The ground forces need to operate in challenging environments. Hence, the nature of defense communication involves sharing and accessing data over multiple devices and locations. It's difficult 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

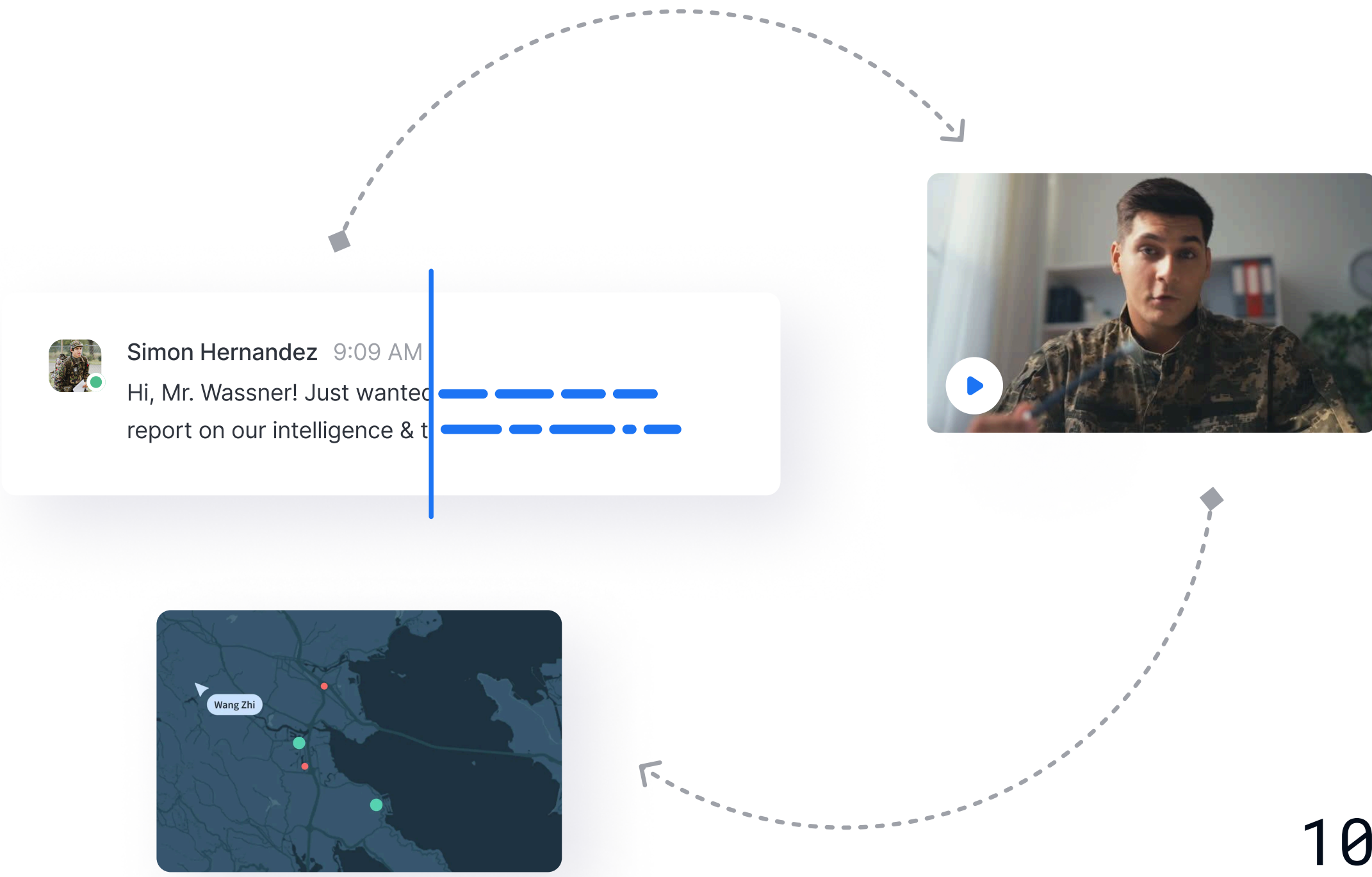
Bluescape provides access to essential mission information, data, and strategies. This encompasses all the intricate details you need to direct and manage your mission successfully. Ensuring all defense personnel have access to the necessary resources during critical moments is a substantial task, especially in operations involving multiple agencies.

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.





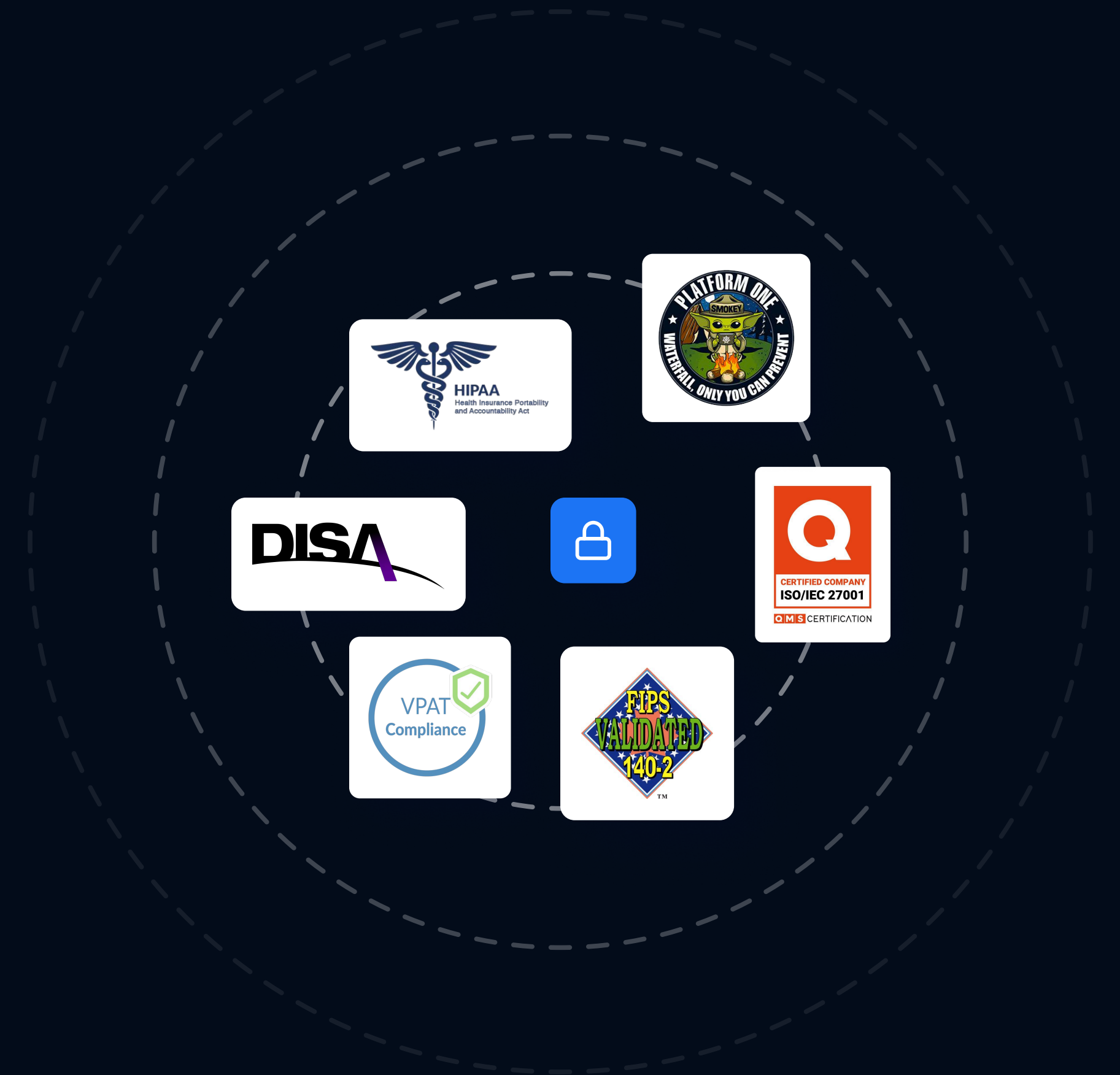
# Mission-ready security

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 strictest data security measures, ensuring that confidential data and mission-critical communication are safeguarded.

Our authority to operate within the US Department of Defence 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, the SOC 2 certification, the 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 you complete ownership over your data. Apart from these, we provide complete end-to-end encryption, protecting your mission-critical conversations from unauthorized access, interception, or tampering.



# Deploy anywhere. **Ultimate flexibility.**

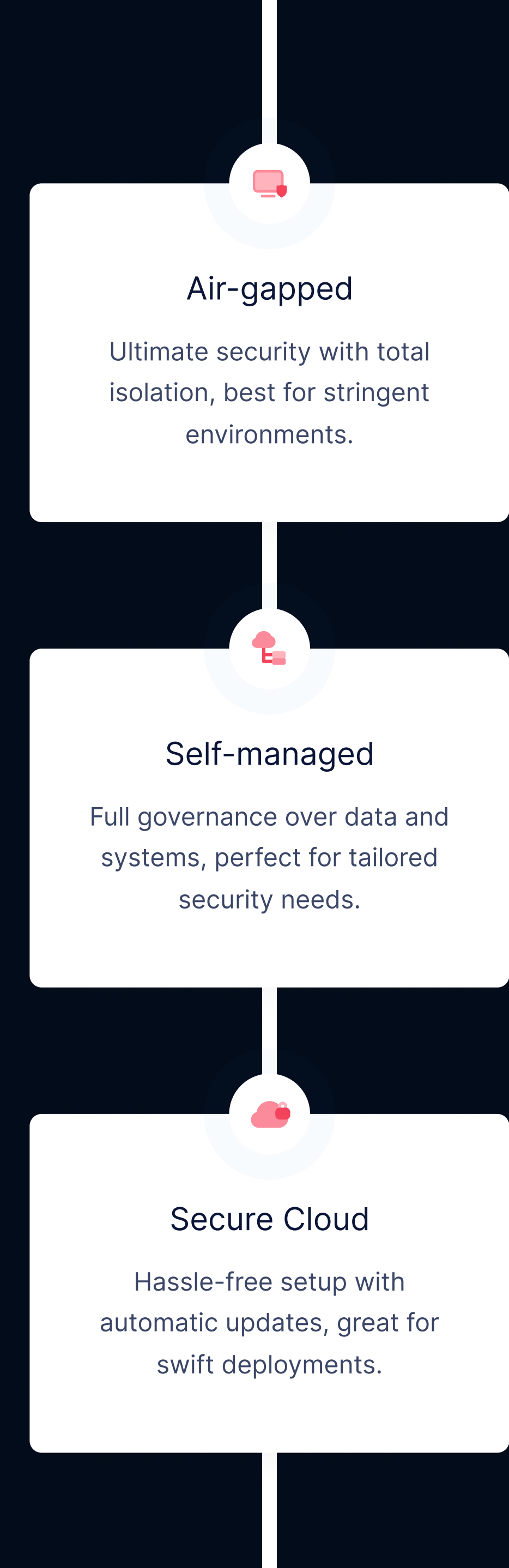
Have complete control over mission-critical data by deploying our solutions on-premise, in a secure cloud, or in air-gapped environments if you need to operate in 100% disconnected mode.

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](#)



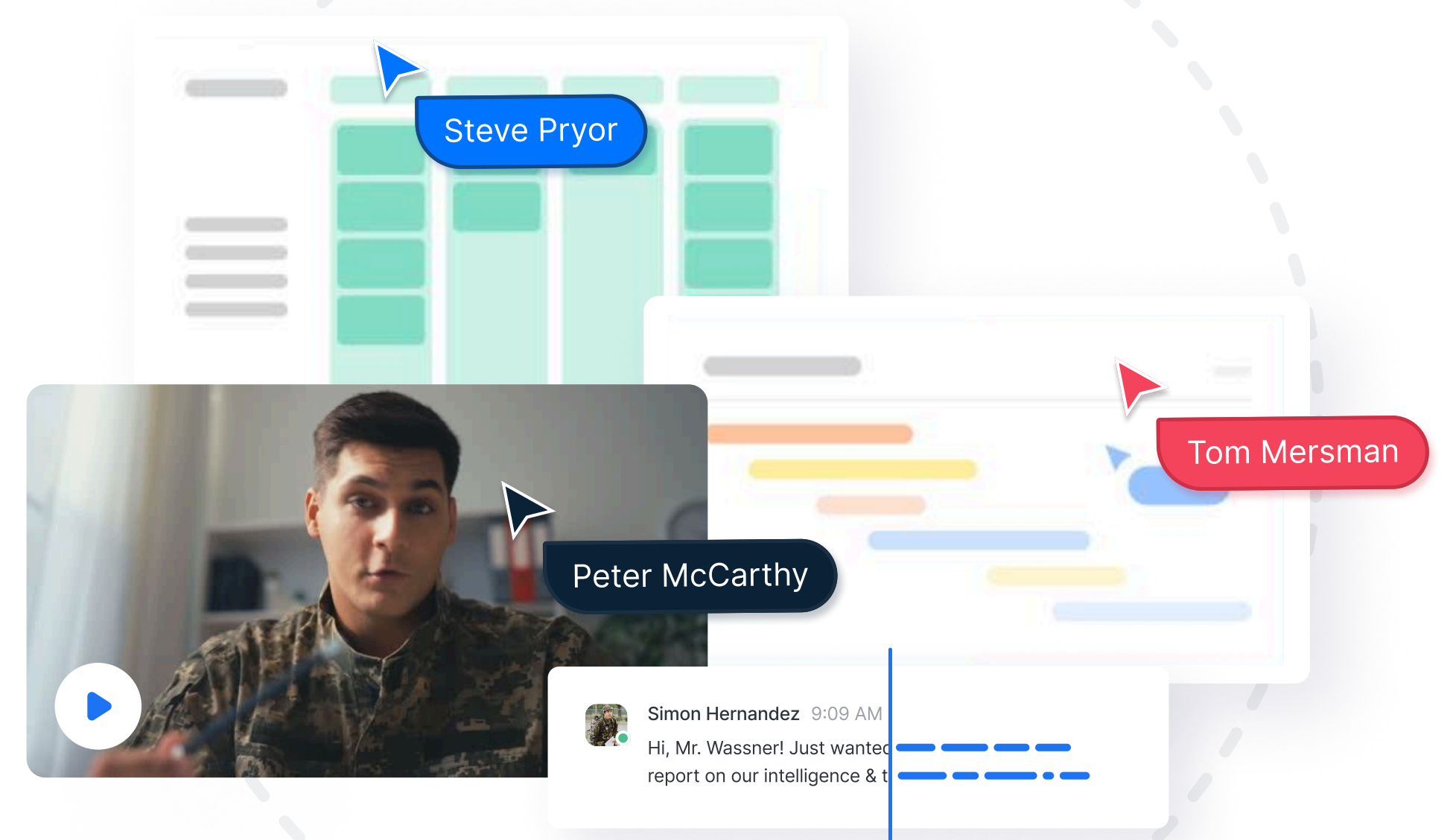


# Conclusion

In the defense sector, 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, whilst ensuring security and integrity of mission-critical information, thereby preserving national security to the highest degree possible.

This framework we offer stands poised to transform the defense sector, 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.

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





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# Get in touch with our experts

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[Air-gapped consultations](#)