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SOLUTION BRIEF

INFINITY MISSION TACTICAL AND OPERATIONS

Secure tactical communications for the deployed domain

Video, voice, data and live ISR in one call, from HQ to the tactical edge. DDIL-ready, bearer-agnostic, and air-gapped.

Mission success depends on information reaching the point of decision: at HQ, in the command post, or in the turret of a vehicle on the move.

Pexip bridges national, tactical, enterprise, and NATO FMN networks into one secure session carrying voice, video, screen share, and live ISR, so every echelon sees the same picture in real time, under the mission owner's control.

Built for the deployed domain: DDIL-ready, bearer-agnostic across 5G mesh, SATCOM and Wi-Fi, and self-contained enough to run fully air-gapped at the tactical edge.

Secure, resilient, interoperable

Pexip delivers secure, interoperable video collaboration for the deployed domain, on the mission owner's terms.

Secure

Self-contained and sovereign: deploys on-premises or fully air-gapped, with no dependency on a vendor cloud.

Data-centric security: per-meeting classification tags, ABAC/RBAC access control, FIPS 140-3 validated encryption.

Resilient

Runs at the edge: lightweight, software-based nodes scale from deployable kit down to low-SWaP-C hardware at the forward edge.

Bearer-agnostic and DDIL-proven: each connection adapts on its own; a weak link never slows the others, and dropped units rejoin instantly.

Interoperable

One call, many roles: voice, video, live ISR feeds and the common operating picture in a single session, on any endpoint from HQ to vehicle.

Video-enables BMS and C2, managing UAS/ISR feeds across callsigns and domains. FMN Spiral 4+ tested.

Proven in the field

"Working with partners like Pexip allows us to innovate at the pace of contemporary missions — bringing 'deciders' closer to the reality of the fight."

Col. Rob Harris
Commander Communications, 3rd (UK) Division

"We recently deployed OneCIS with Pexip for a naval customer and very rapidly they saw the benefit of video collaboration with their maritime command centre."

Fabian Forrester
MilDef

Deployed across the mission environment

1

HQ to the forward edge

Live ISR and the common operating picture reach forward crews via mesh and satellite links through a Pexip edge-compute node.

2

Command on the move, live ISR

The commander's vehicle becomes a mobile C2 node, sharing live COP and UAS/ISR feeds over one encrypted session.

3

Coalition collaboration

Deploy across nations, classification domains and coalition networks, integrating with C4ISR and certified to FMN Spiral 4.

Security & resilience

Encryption & data protection

- ✓ Per-call SRTP keys; dynamic classification banners driven by policy
- ✓ FIPS 140-3; TLS 1.2/1.3 + SRTP/DTLS-SRTP
- ✓ Up to TS/SCI and sovereign-cloud deployments

Zero trust & access

- ✓ ABAC/RBAC; SAML 2.0, LDAP, MFA
- ✓ Full audit trail (ISO 27001 / NIST 800-53)

DDIL & deployment

- ✓ On-prem, sovereign cloud, or air-gapped; bearer-agnostic (5G mesh, SATCOM, Wi-Fi), degrading gracefully

Interoperability & standards

Network & platforms

- ✓ SIP/H.323, WebRTC, Microsoft Teams (CVI)*, Google Meet*, Cisco CUCM/Webex*/ RoomOS
- ✓ Comprehensive REST API and SDKs for deep integration

Coalition & mission standards

- ✓ NATO FMN Spiral 4 & CIAV tested
- ✓ ACP 240 data-centricity

AI & regional compliance

- ✓ Pexip Private AI: self-hosted captioning & translation
- ✓ Enables meeting NIS2, GDPR and NIST 800-53/800-171 controls; deployable in FedRAMP-authorised IaaS (Azure Gov, AWS GovCloud)

Your mission. Your network. Your control.

Secure, resilient collaboration, under the mission owner's control.

* Microsoft Teams, Google Meet and Cisco Webex require cloud connectivity.

Contact: info@pexip.com
pexip.com/industry/defence

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