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FMN-Ready Secure Video Collaboration for Defence

Self-hosted, scalable VTC (video teleconferencing) software for mission command and control, verified to support international coalition interoperability.

What “FMN-ready” means

The Federated Mission Networking (FMN) is NATO’s framework for coalition information-sharing and interoperability. “FMN-ready” secure video means our software platform has been verified to comply with relevant FMN communication requirements, ensuring it will co-exist with your secure mission systems to support interoperability concepts, profiles, and policies for federation with mission partners. Proven to provide VTC with high levels of control, security, and performance.

Why it matters (now)

- Faster verification and approval for new VTC capability to comply with FMN Spiral 3/4, with proven reference cases
- Assured control: data sovereignty, auditability, and zero-trust access across nations, ensuring MISSION SECRET collaboration
- Unique support of Data Centric Security principles for VTC, supporting meetings with ABAC (future Spiral requirement)
- End to end Mission resilience: reliable comms from HQ to the tactical edge, including contested/DDIL conditions.
- Interoperability by design: standards-based VTC (SIP/H.323), Cisco CMS, Skype for Business and cloud platforms (Teams/Zoom/Google)

Pexip: Get ready to deploy



- **Deploy anywhere:** self-hosted, private cloud, or fully air-gapped; works on practically any host compute or cloud.
- **Data stays inside:** no third-party processing of meeting content or metadata.
- **Zero-trust controls:** ABAC/RBAC, classification labels and watermarks, lobby/PIN policies, full audit trails.
- **Operate in DDIL:** optimised for low bandwidth, intermittent links, and forward-deployed systems.
- **Flexible licensing:** supports emergency over-capacity usage for service continuity
- **EU context:** supports compliance with NIS2 and GDPR; aligns with ENISA guidance and NATO cooperation frameworks.
- **Chat integration:** Option to integrate with various chat platforms, e.g. Rocket.chat, Mattermost, XMPP.
- **Service continuity:** Flexible licensing supports emergency over-capacity usage.

FMN use cases



Compliant exercise and operation VTC connectivity to coalition partners via Nato hub

Coalition mission briefings with releasability caveats (e.g., REL TO) enforced via labels/ABAC.



Combined/Joint operations federating Component HQs with partners and deployed units across bearers.



Programme & regulated supply-chain collaboration between Ministries of Defence, primes and subcontractors.

Reference patterns

1

Nation-hosted core: Pexip inside defence networks; federates to mission-partner enclaves.

2

Coalition edge node: Pexip at the MPE edge to segregate trust zones and apply policy.

3

Deployed kit: compact node for forward HQ/tactical edge with DDIL optimisation.

FMN-readiness checklist (procurement aid)

- ✓ Self-hosted / sovereign / air-gapped options
- ✓ No third-party processing of meeting data
- ✓ Interop: SIP/H.323, Cisco CMS, Teams/Zoom/Google
- ✓ IdP (SSO/MFA), SIEM/SOAR, KMS integrations
- ✓ DDIL performance profile + full audit logging
- ✓ APIs/SDKs for C2/C4ISR, chat integration
- ✓ Voice and Video call setup/signalling Session Initiation Protocol (SIP) RFC compliance
- ✓ Works with existing Cross Domain Solutions (CDS)
- ✓ Voice and Video Supported Codec compliance
- ✓ Quality of Service support for Voice and Video Signaling and Media
- ✓ High Quality, feature rich Conferencing Services support
- ✓ VTC Endpoint Registration support
- ✓ 13-Digit dialling/support for hierarchical dial plan call routing

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