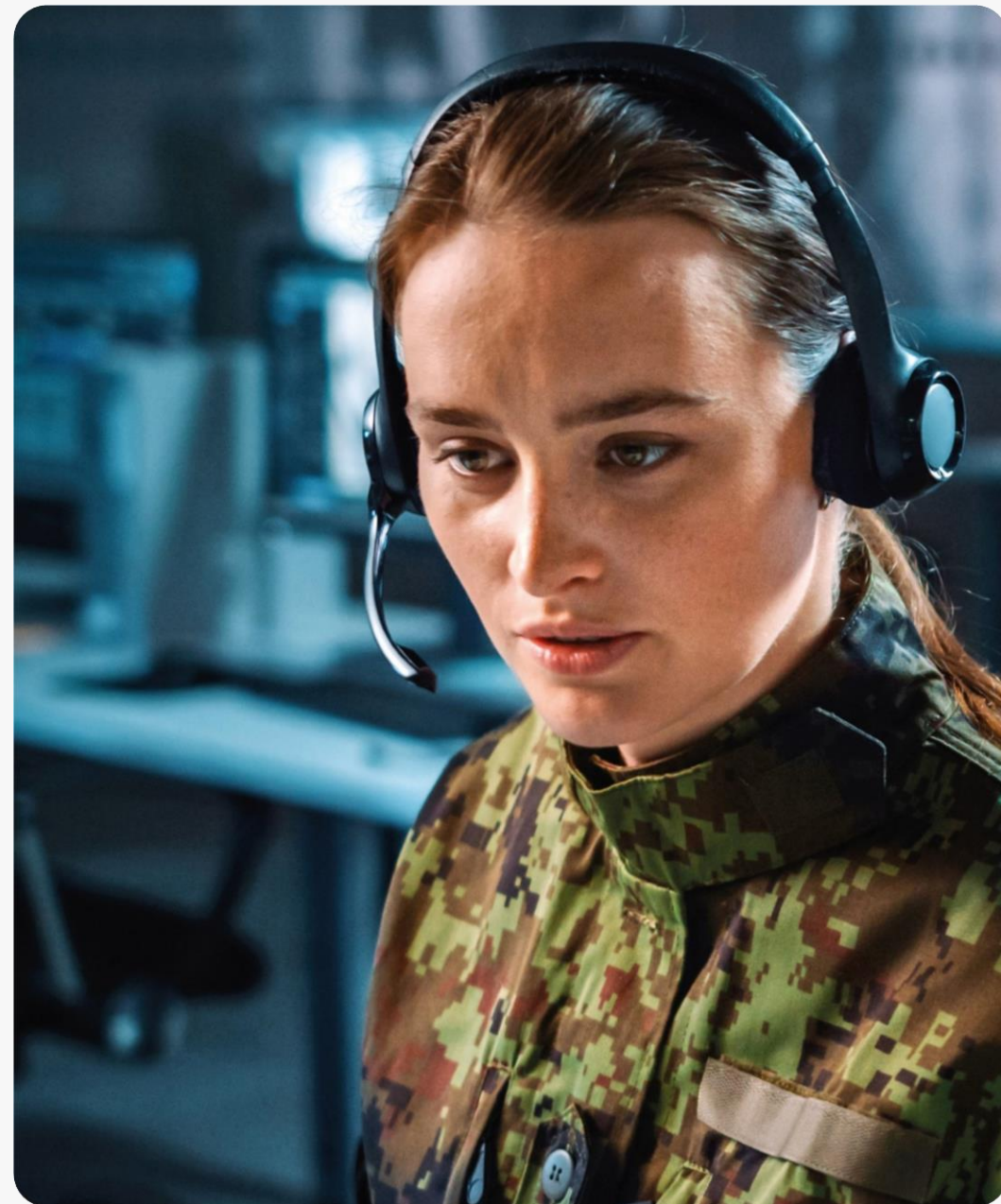] pexip [

Mission-critical communication

Implementing zero trust in audio- and video conferencing from attribute-based access control to AI

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Outline

1	**THREAT**	Cyber attacks in virtual meetings
2	**GOAL**	Zero trust to combat exfiltration
3	**APPROACH**	Software-defined meeting security
4	**IMPLEMENTATION**	Attribute-based access control
5	**ADD-ON**	Integrating AI

Around 70%

of military organizations worldwide have experienced significant cyber attacks in 2022

Source: US Government Accountability Office

Meeting security

should not be the main focus of the participant,
but of the <u>software</u>.

Trend:
from maximum perimeter protection to
zero trust

GOAL: Zero trust to combat exfiltration

Implication for mission-critical video- and audio conferencing:

Defining deployment options

Defining authentication attributes

Implementing authentication policies

Software-defined meeting security

Attribute-based access control

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APPROACH: Software-defined meeting security

Deployment options

Air gapped

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Private cloud

Authentication attributes

User attributes

Device attributes

Network attributes

Clearance attributes

IMPLEMENTATION: Attribute-based Access Control

Secure Meeting Classification

This assigns a Virtual Meeting Room for your secure meeting

Select the classification you want to add to the meeting

Plus: IP-range, clearance level

SECRET

Plus: Expected device, browser + version

CONFIDENTIAL

PIN code, one-time meeting, IdP, 2FA

RESTRICTED

For further information and the live demo
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