

# Data Handling & Privacy Summary

Public overview for evaluation, pilot scoping, procurement, and deployment discussions.

On-board by default

Human-in-the-loop

Privacy-first

## Core boundary

Aware Mate is an on-board, human-in-the-loop vigilance and watchkeeping support system. It is not navigation automation and not an automated fitness-for-duty decision.

## What stays on board by default

- Bridge workstation video is processed locally on the vessel edge unit; no cloud video is required for the core function.
- No identity recognition and no emotion recognition by design.
- The system can operate offline; internet access is not required for normal on-board use.

## What the system handles and exports

- Derived signals may include eye-closure metrics (for example PERCLOS), gaze direction, head pose, posture, and technical health logs.
- By default, off-vessel outputs are limited to anonymised event metadata and aggregated review metrics.
- Minimal reporting is designed around day-level counts by alert tier, with no identities and no exact event times.

## Retention, access, and security

- If enabled under operator policy, a short encrypted on-device video buffer may be kept for Critical alerts only and solely for post-incident review.
- Default retention target for that optional buffer is up to 30 days, unless lawfully preserved as part of a documented incident review.
- Role-based access control (RBAC), authenticated maintenance access, and audit logs are used to protect system access.

## Governance and deployment control

- The owner or operator typically acts as controller and is responsible for lawful basis, crew notice, and onboard SOP.
- Any remote support or additional export should be explicitly approved in writing and reflected in the DPA / SOW.
- The design intent aligns with privacy-by-design and EU AI Act-style governance principles: human oversight, minimisation, and security.

Public overview based on the current Aware Mate data-handling summary. Project-specific settings, lawful basis, and export permissions should be defined in the signed deployment documents.

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