

# OS3 Edge

## The Forefront of Onboard Security, Safety, and Standards Compliance

Mobilicom's OS3 Edge framework redefines uncrewed platform operations, merging next-generation technology with seasoned cybersecurity, safety, and standards expertise in the domains of defense and commercial operations for a wide range of applications.

Designed explicitly for complex fleet and swarm missions, it's built to ensure the highest mission resiliency and continuity levels, no matter the challenge.

### Multi-layer Security

#### 1. Network Intrusion Detection & Prevention System (IDS/IPS)

Enhance the security of your external and in-vehicle networks by implementing advanced IDS/IPS systems, guaranteeing robust protection and real-time threat prevention against tampering, data theft, service denial, spoofing, and unauthorized privilege escalation.

#### 2. Host IDS/IPS

Safeguard the platform host and run your application to counter various cyber-attack vulnerabilities, ensuring the prevention of hostile takeovers or tampering in safety functions and critical autonomy applications.

#### 3. Application

Analyze the behavior of your mission-critical application to identify deviations from its standard operational profile. Dig into the data to determine if the incident stems from malfunction or malware, enabling quick containment and a speedy recovery.



## Benefits

**Insider Threat Management:** Mitigate risks associated with insider threats, fortifying your uncrewed platform's core operations.

**Rapid Response & Recovery:** Minimize downtime and recover swiftly from unforeseen future threats at the platform level, ensuring your missions remain on track.

**Precision Meets Performance:** Targeted for mission computers, enables mission success. Designed for the most advanced uncrewed platforms, mission and autonomy processors, enabling resilient operations.

**Seamless Integration, Boundless Possibilities:** Dive into the specs and witness how OS3 Edge, running on mission processors such as ARM, Nvidia... elevates uncrewed platform operations.

## How it Works

### Protection

#### ***Robust Mission Assurance***

Defend mission applications against threats from diverse surfaces, including connectivity and internal operations with OS3's hardened protective barriers, ensuring the integrity of operational data and functionalities.

### Detection

#### ***Proactive Incident Awareness***

Harness OS3's vigilant detection capabilities, enabling timely identification of operational incidents from external adversaries or internal malfunctions, initiating swift and informed response and recovery actions, and giving operators complete control.

### Compliance

#### ***Ahead-of-the-Curve Regulatory Adherence***

Seamlessly integrate OS3's standards-compliant controls into your mission computer, ensuring your platforms adhere to current and evolving in operational regulatory standards and best practices.

## Enable Risk Mitigation & Mission Continuity for Modern Uncrewed Platforms

Mobilicom's OS3 empowers fleets with innovative risk management, integrating intelligence for real-time threat detection, rapid response, and resilient mission continuity.

Scan for more information  
about the OS3 Platform

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