

Winner of interDATA  
most innovative SMS system

# Unmanned Aircraft Systems (UAS)



Simplifying Complexity  
Improving Safety

**opscom**  
systems®

# Opscom for Unmanned Aircraft Systems

Opscom for drones is a web-based (SaaS) solution, supporting the safety, quality and operational side of a drone operation. The solution is compliant with the latest EASA requirements Regulation (EU) 2019/947 and with ICAO SMD Doc. 9859/2018 and new FAA -UAS regulations.

## Technical requirements

With SaaS (Software as a Service) there is no need for a server installation. With a stable internet connection, Opscom is up and running.

## Security and stability

Opscom has a proven track record as a system provider for more than 15 years, with demanding customers like the DoD, RNoAF and Police Aviation. Opscom are employing the latest features related to cyber security, with a ISO/IEC 27001 ISM certification.

## Responsive design gives you 100 % mobility

With the development of Opscom 2.0 we have made it possible to work with Opscom on any mobile device, in an easy and user-friendly manner. We can also provide you with an offline app for added mobility.

## Information management and user control

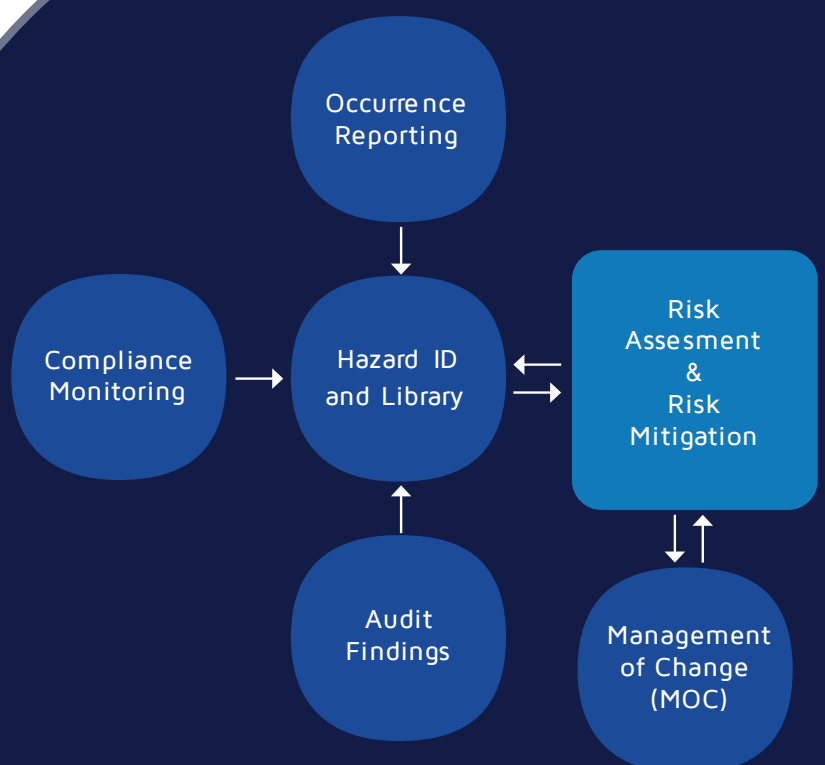
Opscom gives better control of your day-to day UAS operations. This includes occurrence reporting, identifying hazards in your daily operations and organizing your risk management work in an efficient and transparent way. The solution gives every stakeholder in the daily work a common platform. Opscom is compliant with current EU GDPR regulations and the EASA Cyber security framework.

## Management of Change (MoC)

In Opscom there is a dedicated MOC function, as part of the hazard and risk management module.

This function supports the change processes related to operations. It gives a transparent and easy to understand process, with a close link to the existing hazard library and risk register.

Hazard identification, risk management and Management of change(MOC) are integrated functions in Opscom.



# Opscom Modules

## 1. Operations

This is a core module in Opscom. There are several sub modules and functions in this Opscom segment.

- Equipment follow up with control and inspections in a fully digital way. Supporting the daily workflow of Airside staff.
- Task generating and management.
- Roster and duty oversight
- ERP (Emergency Response Plan) for training and executing actions in relation to a emergency.
- UAS- Mission planning and execution

## 2. Documentation

The document module features an electronic reading list, based on file publication in Opscom. There is an individual digital signature, based on receiving new documents or updating older ones. There are also some additional functions in this module:

- The duty journal for day-to-day documentation (often used by the Fire & Rescue department).
- Occurrence reporting by several different interfaces, fully customized by the UAS operator. The solution has a very low user threshold.
- Environmental reporting with good statistics and regulatory oversight.

## 3. Quality assurance

Case management, follow up of occurrence reporting, root cause identification and accident investigations.

- An independent Audit module, usable by internal staff or by 3.rd party auditors. With a digital audit check-list library for transparency and ease of use.
- A compliance module for regulatory/OM compliance, together with a more dynamic operational compliance. The module is fully functional in 2024.
- Training/certificates and skill oversight. Includes all personnel and operational teams.

## 4. Safety & security

Hazard library, risk oversight with a corresponding mitigation list. This is a fully integrated solution in Opscom and a fully developed Risk Management solution. It supports the LUC (Light UAS Operator Certificate) and the different PDRA (Predefined Risk Assessment) processes. Our Risk Management solution also supports the SAIL assessments.

- MOC (Management of Change) as an integrated part of the Opscom Risk Management solution.

## 5. Management dashboard

In this module you can monitor your operation in relation to safety KPI/SPI 's or the operational efficiency related to quality and performance. The information output can be generated direct in the management dashboard, or extracted and presented in other management tools.

Occurrence reporting, a critical component in your safety and quality system

### Reactive

Responding to occurrences that have taken place

### Proactive

Actively seeks the identification of hazardous conditions through the analysis of all relevant occurrences

### Predictive

Using all relevant data as a fundament for identifying future problems

# Opscom modules and Regulatory requirements

| ICAO SMS and EASA SMM Requirements |                                               | Modules       |                            |                      |                      |              |
|------------------------------------|-----------------------------------------------|---------------|----------------------------|----------------------|----------------------|--------------|
|                                    |                                               | 1. Operations | 2. Safety accountabilities | 3. Quality assurance | 4. Safety & security | 5. Dashboard |
| Policy and Objectives              | Management commitment and responsibility      |               |                            |                      |                      | ●            |
|                                    | Safety accountabilities of managers           |               |                            |                      |                      | ●            |
|                                    | Appointment of key safety personnel           |               |                            |                      | ●                    |              |
|                                    | SMS implementation plan                       | ●             |                            | ●                    |                      |              |
|                                    | Coordination of the emergency response plan   |               |                            | ●                    |                      |              |
|                                    | System documentation                          | ●             | ●                          |                      |                      |              |
| Risk Management                    | Hazard Identification processes               | ●             |                            |                      | ●                    |              |
|                                    | Risk assessment and mitigation processes      |               |                            |                      | ●                    |              |
|                                    | Internal safety investigations                |               |                            |                      | ●                    |              |
| Safety Assurance                   | Safety performance monitoring and measurement |               |                            | ●                    |                      | ●            |
|                                    | The management of change                      |               |                            | ●                    |                      |              |
|                                    | Continuous improvement of the safety system   |               |                            | ●                    |                      |              |
| Safety Promotion                   | Training and education                        |               |                            |                      | ●                    |              |
|                                    | Safety communication                          |               | ●                          |                      |                      |              |

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