

# Optimizing Asset Performance and Increasing Uptime with Mobile Inspections and Preventative Maintenance



## The Challenge

In critical and potentially combustible environments, such as those found in oil and gas operations, **regular inspections and maintenance on equipment and facilities are integral to protecting personnel, avoiding downtime and ensuring regulatory requirements are met.**

However, recording inspection results and logging maintenance with pen and paper is time-consuming and inefficient and leaves room for mistakes. Mobile devices and cloud-based solutions are the key to increasing efficiency and accuracy; but only specially designed and certified mobile devices can be safely used in hazardous location operations.

Maintenance and inspections personnel would benefit from a simple, intrinsically safe, mobile solution that allows them to complete inspections and work orders in real time, resulting in cost-effective information and workflow management in hazardous areas.

## The Solution

**Oplii, a cloud-based asset integrity management (AIM) and maintenance management system (CMMS),** changes the way inspection and maintenance work is managed and executed, improving safety, accuracy, visibility and productivity, while reducing costs. Deploying Oplii on **aegex10™ Intrinsically Safe Tablets** enables technicians to safely and quickly access, record and share data in hazardous areas.



## Oplii's modular software platform on Aegex tablets allows organizations to:

- ✔ **Organize, schedule and track** maintenance and planning to reduce downtime
- ✔ **View real-time analytics** using interactive dashboards
- ✔ **Schedule work orders** by maintenance intervals, dates or counter-based metrics such as engine runtime hours
- ✔ **Complete** mobile inspections and work orders on a tablet
- ✔ **Configure** tools to suit established forms and processes
- ✔ **Boost** productivity with quick data capture and transfer
- ✔ **Organize** all asset data by sites or centralized locations
- ✔ **Enhance** accountability by viewing tasks, timelines and responsibilities
- ✔ **Easily sync work** completed offline when you reconnect
- ✔ **Conduct** both planned and unplanned work with lookback reporting





# aegex10™ Intrinsicly Safe Tablet

With the Windows 10 aegex10™ Intrinsicly Safe Tablet that is certified for Class I Division 1 and ATEX/IECEX Zone 1 hazardous areas, technicians can utilize Oplii software throughout their operations to:

- ✔ **Capture mobile data**
- ✔ **Conduct inspections**
- ✔ **Raise and complete work orders**
- ✔ **Schedule and track maintenance**
- ✔ **Attach photos and videos**
- ✔ **Work online or offline**

## The Results

Utilizing Oplii on aegex10™ Intrinsicly Safe Tablets enables technicians to quickly and accurately record data and share it among teams. Inspections and maintenance activities in hazardous areas become easier and safer to execute, resulting in:

- ✔ **Up to 80% cost reduction in inspection and maintenance process**
- ✔ **Up to 33% improved accuracy in field data capture**
- ✔ **Real-time information sharing**
- ✔ **Increased operational efficiency**
- ✔ **Reduced failures and downtime**



**aegex10™ Intrinsicly Safe Tablet** is certified for use in ATEX/IECEX Zone 1 and Class I Division 1 hazardous areas of industrial operations where combustible materials are present.

- ✔ **Intrinsicly Safe C1D1, ATEX/IECEX Zone 1**
- ✔ **4G LTE, WiFi**
- ✔ **IP65**
- ✔ **Bluetooth, NFC, GPS**
- ✔ **-10° C to +50° C**
- ✔ **12-hour battery**
- ✔ **980g / 2.16lbs**
- ✔ **Optional hands-free carrying case, stylus**
- ✔ **IoT ready**

**Contact Aegex or Oplii to learn how our joint mobile solution can help optimize asset performance and increase uptime in oil and gas operations.**



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