

 The Beacon, st Pietersvliet 7,
2000 Antwerp, Belgium

 www.aloxy.io

 info@aloxy.io



SAFEGUARD YOUR LINE BLINDS.

AT A GLANCE

The Aloyx Lind Blind Monitoring solution provides insights whether the line blind is still present and can be used to create an alert when the line blind is removed. This can be used to monitor the line blind during the entire maintenance period. It increases safety and prevents accidents caused by unauthorized or accidental removal.






HOW DOES IT WORK?

The Aloyx Line blind monitoring solution consists of three parts, the Aloyx IIOT hub, the Wireless communication infrastructure, and the Aloyx Pulse sensor. The sensor communicates over a low power wireless network like LoRaWan and Dash7.

When installed, the sensor is calibrated to identify the position of the line blind and 3 different inertial MEMs detect when the sensor moves in any direction. As a result, an alert is created in the IIOT Hub when the sensor or the line blind (including sensor) moves.

ALOXY LINE BLIND SENSOR.



-  **Easy and universal Mounting**
-  **Measures Removed / in place**
-  **Secure data**
End-to-end encryption
-  **5+ Years battery life**
Replacable battery
-  **IP 69 ingress protection.**
Robust housing



BENEFITS.

- 1 Prevent Unauthorized Removal**
When a line blind is removed without authorization it could indicate the work was not yet finalized and workers are at great risk when the work is continued.
- 2 Prevent Accidental Removal**
Human error cause more than 70% of accidents in the Oil&Gas industry. Line blinds are not permanently installed and could be confusing to the operators when removing the correct blind, a mistake is easily made.
- 3 Never Forget To Remove**
Line blinds are not always easy to spot and could be overlooked when the work is done. As a result, pressure build up might occur during startup with potential catastrophic consequences.



ENABLING THE INDUSTRIAL
INTERNET OF THINGS

