

Connecting emergency showers

Connecting existing emergency showers has always been cumbersome and costly.

The Aloxy Pulse uses its inertial sensors to **monitor the position of emergency showers wirelessly** by attaching it to the mechanical arm / lever. It transmits the position via a gateway to a central server which processes (**Aloxy IIOT platform**) the data for visualization and input to other 3rd party systems.



Having the **real time position** of emergency showers available will potentially **increase emergency responds time**. Following local regulations, emergency showers need to be regularly opened. This is now **automatically time stamped**, logged and can be used to monitor whether this has been done. Additionally, the usage of a shower is logged and can be used to **automatically trigger an incident report**. Incident reporting is key to increase safety by learning from what went wrong.

Therefore it **increases safety, reliability and efficiency**.



Supported types

- Emergency showers
- Eye wash



Functionality & performance

- Measures open or closed
- Latency of max a few seconds for DASH7
- Configurable heartbeat



Mounting options

Easy and fast installation, even during production, using bolts or straps. Without customized brackets



Data Security

End-to-end 128-bit AES encryption



Data Processing

- On-premise or cloud
- Integration using webservices, MODBUS, etc.



Battery autonomy

Long-lasting, replaceable battery pack with an autonomy of 5+ years