



Vertical Transportation eXcellence
Elevator and Escalator Consultants

Oculus Network®

www.vtexcellence.com

The Oculus Network® is a patented design solution for generic, open-source code remote monitoring and video and maintenance management for elevators, escalators, pumps, fans, and other equipment (new and existing).

Oculus Network connects various makes and models of mechanical equipment to a unique alarm and work order management system. This two-way remote monitoring system ties into a sophisticated and smart work order management database and permits access in the field of technical support and documentation.

Corrective work orders are automatically generated for the owner and a mechanic can be simultaneously dispatched. The information provided to the owner and the mechanic is reliable, accurate, specific, and easy to use.

Combining the use of remote monitoring systems with database software, provides owners with information regarding the current condition and operating status of mechanical equipment and results in accurate record keeping of maintenance efforts.

Computerized Maintenance Management System (CMMS)

What makes the Oculus Network more than just another remote monitoring system is the ability to write its own corrective action work orders. Facility owners can manage preventive maintenance activities and link the jobsite to the operation and maintenance manuals, wiring diagrams, spare parts catalogs, and other key information portals. Video captures of the equipment before and after the fault is embedded permanently into the CMMS for potential litigation and trouble shooting support.

Remote Terminal Unit (RTU)

The RTU, an industry standard communication protocol, facilitates the potential to add other types of devices to the same maintenance management system, which consolidates the data to one location and format.

Alarm Software via Human Machine Interface

A reliable system of notification is developed to not only identify problems, but also to collect vital data to record in the maintenance record database.

Expandable Design

Oculus Network can be configured to connect various building equipment, such as elevators, escalators, blowers, compressors, HVAC equipment, pump stations, or any other electronic-controlled device. Fiber, copper, licensed or non-licensed radio, or wireless connections are possible and can be customized for any locations. Oculus Network is designed to be both scalable and expandable.



Benefits

Managing equipment in geographically diverse facilities is difficult and often frustrating. It is now possible to connect many different pieces of equipment and get real time information in alarms and in the CMMS. You can add more and more equipment to the Oculus Network without purchasing new software and hardware since there are no additional license fees to implement the Oculus Network.

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