

Remote control and monitoring

Make your airport operations more efficient with full overview of operative and technical status

With the Insero Remote Control and Monitoring System (RCMS)/Airfield Lighting Control and Monitoring System (ALCMS), you can unify all systems in one solution helping traffic controllers work smarter and increase safety

Insero RCMS is a configurable remote control and monitoring system that gives air traffic controllers full overview of all relevant technical ground equipment on site – independent of airfield equipment manufacturer and ranging from airstrips to multiple runway CAT I/II/III airports.

Reduce downtime and increase safety

With modern technical and performance monitoring features, Insero RCMS offers real-time error logging and alerts when equipment is down. In that way, you can reduce down-time on equipment and enable air traffic controllers and technical staff to take immediate action when safety issues occur.

The performance and operation of the airfield equipment is documented for evaluation and decision making.

Maintain airfield equipment efficiently

Insero RMCS gives air traffic controllers full and comprehensive control of all equipment on airside area. The control can either be of individual equipment or multiple groups of equipment.

During all change of settings, the system will monitor all processes and ensure that procedures and requirements to response time are met. Any malfunction will be reported as an error or warning depending on the severity of the malfunction.

Complete overview

All functionalities are controlled, and real-time status is displayed on the geographical map which gives the air traffic controller a complete overview.

- Touchscreen – provides quick and accurate handling. Single or multiple control stations can be integrated and adapted to user roles
- Integrated status for Airfield Ground Lights, Instrument Landing System, NAVAIDS, generators/power, surveillance and e.g. A-SMGCS
- Alarm capabilities and event filtering provides the flexibility to control messages to the airport traffic control tower and maintenance
- The modular software design can integrate seamlessly with existing systems and enables integration possibilities for the future upgrades
- Controls are conveniently arranged for maximum safety and usability - customisable building blocks for easy adaption to customer needs



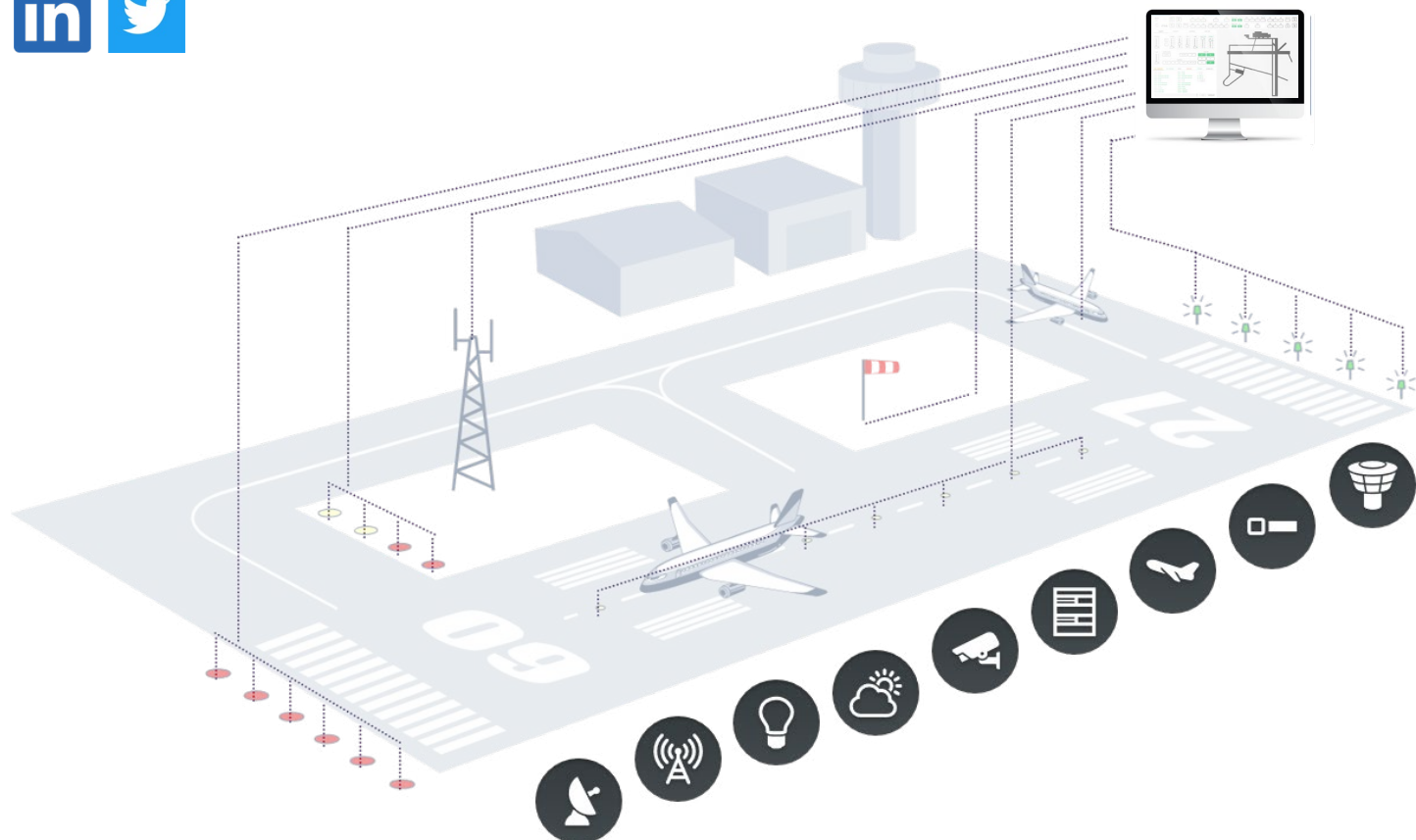
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Key features

Real time monitoring of airfield equipment

Full situational awareness is obtained across equipment, independent of manufacturer.

Operation modes evaluation

Processing of health data for the airfield equipment is presented for the air traffic controller and with system recommended mode of operation.

Customised display and design capabilities

The modular user interface allows for easy customisation and presentation layout to enhance efficiency and safety at each individual airport and for each user role.

Extensive installation and integration experience

Insero has more than 30 years of experience of developing, integrating and installing Remote Control and Monitoring Systems in international and regional Airports.

Support for operational procedures

Simplified operations with automatic execution of operation sequences e.g. change of runway direction or change of CAT approach.

Event logs and alarm overview

The technical staff have access to current and historical data on airfield equipment performance to support increase in operational performance.

Scales to operational needs

Insero RCMS scales to the needs, ranging from airstrips to multiple runway (CAT I/II/III) airports, whether for civil or military airport.

Maximum availability

With proven reliability, redundant servers and fault tolerant systems, Insero RCMS provides maximum availability.

