

Advanced supervision and predictive maintenance



INTARCON Smart Services

INTARCON SMART SERVICES is a professional monitoring, supervision and predictive maintenance service.

It complements the preventive maintenance carried out by the installer, identifies deviations based on the actual behaviour of the installation and contributes to stable and efficient operation over time.

Through **advanced supervision**, with continuous monitoring of key parameters, we carry out preventive maintenance to anticipate problems, ensuring optimal operation of the installation with recommendations and adjustments for stability, safety and efficiency.



**ADVANCED
SUPERVISION**



**PREDICTIVE
MAINTENANCE**



**OPTIMISED
OPERATION**



**VALUABLE
INFORMATION**

Smart Services benefits

FOR THE INSTALLER

- FEWER EMERGENCY CALLS AND UNPLANNED INTERVENTIONS
- BETTER DIAGNOSIS PRIOR TO THE VISIT
- TECHNICAL SUPPORT WITH INFORMATION AND SOUND JUDGEMENT

FOR THE END CUSTOMER

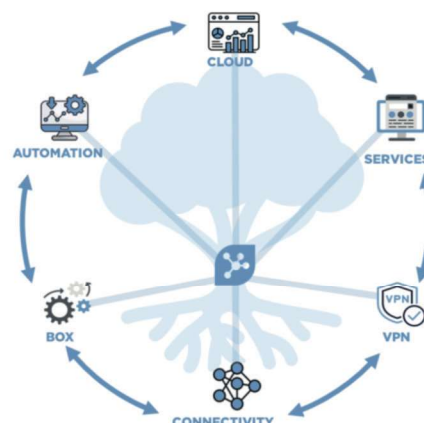
- GREATER INSTALLATION STABILITY
- FEWER UNEXPECTED SHUTDOWNS
- GREATER PEACE OF MIND AND CONTROL

kiconex ecosystem

INTARCON Smart Services uses kiconex, an ecosystem designed to optimise infrastructure management through advanced and sustainable technological solutions. Its approach is based on operational efficiency while maximising environmental commitment, enabling remote control and decision-making based on real-time data.

The multi-user and multi-tenant platform adapts to a wide range of needs, offering barrier-free connectivity and facilitating access to assets without physical site visits.

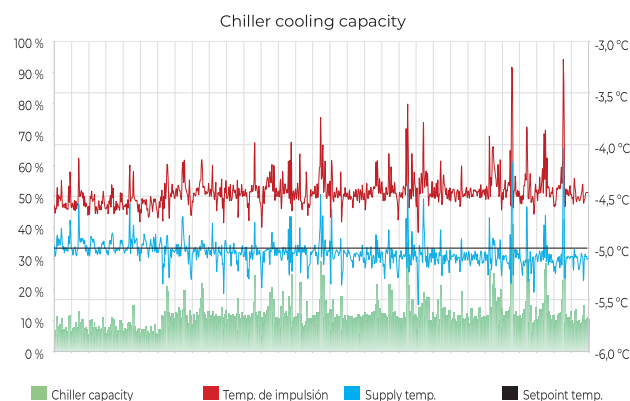
Within the framework of Industry 4.0, kiconex acts as a digital translator, integrating protocols such as Modbus RTU, TCP, CANbus or M-bus and converting them into key information. Its custom automation capability makes it possible to solve challenges that standard solutions cannot address.



Case study. Hotel installation

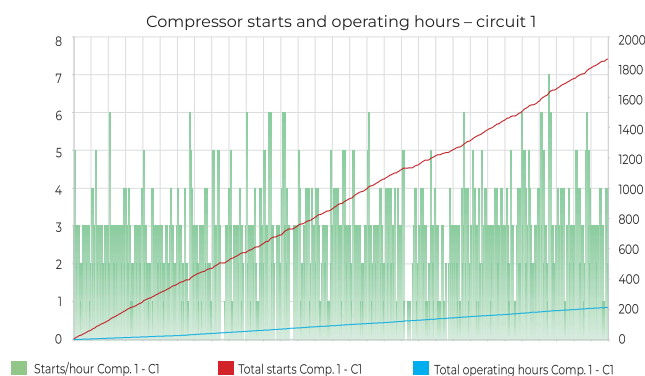
DETECTED SITUATION

- EXCESSIVE CHILLER PLANT STARTS OUT OF SEASON: 1,800 ACCUMULATED STARTS PER COMPRESSOR/MONTH
- PREMATURE COMPRESSOR WEAR
- DEFROST CYCLES ENDING BY TIME
- ELECTRICAL ALARMS RECORDED
- OVERALL STABILITY THROUGHOUT THE INSTALLATION



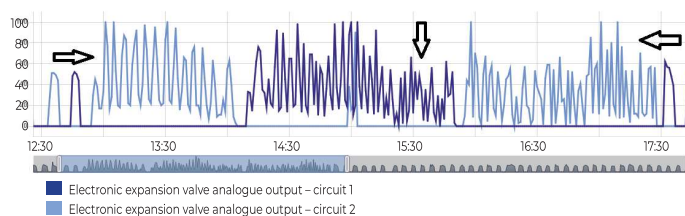
ACTION MEASURES

- TREND ADJUSTMENT USING RULES
- SEARCH FOR THE OPTIMAL OPERATING POINT
- ASSESSMENT OF COMPONENT PERFORMANCE
- DEFROST STUDY IN FREEZER ROOMS
- CORRECTION OF KEY PARAMETERS



RESULTS OBTAINED

- LOWER NUMBER OF STARTS
- ADJUSTMENT OF THE OPTIMAL COP
- REPLACEMENT OF CRITICAL COMPONENTS BEFORE AN EMERGENCY
- DEFROST CYCLES ENDING AT MINIMUM TEMPERATURE
- OVERALL STABILITY THROUGHOUT THE INSTALLATION



REAL VALUE OF INTARCON SMART SERVICES

- PREVENTS UNEXPECTED SHUTDOWNS
- QUALIFIED PERSONNEL AT YOUR DISPOSAL
- BETTER-PLANNED TECHNICAL INTERVENTIONS (PRIOR IDENTIFICATION OF ANOMALIES)
- GREATER OPERATIONAL EFFICIENCY (MORE INSTALLATIONS WITH THE SAME NUMBER OF STAFF)
- SPECIALISED TECHNICAL ADVICE FROM THE EQUIPMENT MANUFACTURER
- IMPROVED QUALITY OF SERVICE OFFERED TO THE END CUSTOMER, OPERATIONAL PEACE OF MIND