New!
MOSAIC
MOSAIC ENERGY
ECO MODULE

AIR SUPPORT
SOCIETÀ DI INGEGNERIA

AirSupport is a engineering consulting and IT, operating on the European, African and Middle East markets for more than 20 years, providing key support to operators in coping with the multi-disciplinary challenges of the commercial aviation market.

MOSAIC is the new modular IT system especially made for the total management of small and medium-sized airports

MOSAIC is the perfect solution for airports that want an advanced Information Technology system with a small initial investment; it can grow when the airport needs increase, adding only the modules that are needed when they are really needed.

MOSAIC is a scalable product with independent but interconnected modules that avoids to start from a complex system integration; it can be assembled from just one tailor made module and be enlarged as the number of passengers grows.

MOSAIC owns a powerful graphical user interface, multi-user and multi-access, that allows to stay connected whenever and wherever you are.

MOSAIC

FOR THE TOTAL AIRPORT MANAGEMENT

AIRPORTS
- powerful allocation of the common use facilities
- easy planning easy changes easy billing
- planning and real time resource management
- advanced and powerful multi-system energy saving
- cross-check access system

AIRLINES
- smoother processes and shorter delays
- ADS-B receivers and independent CDM

PASSENGERS
- direct and timely information
- better experience at the airport

RETAILERS
- personalized advertising
- more contacts with more passengers

The new ECO module of MOSAIC manages energy consumption of all airport facilities; it was built in cooperation with Enel Sole and Schneider Electric, two of the world's leading companies in the energy management business.

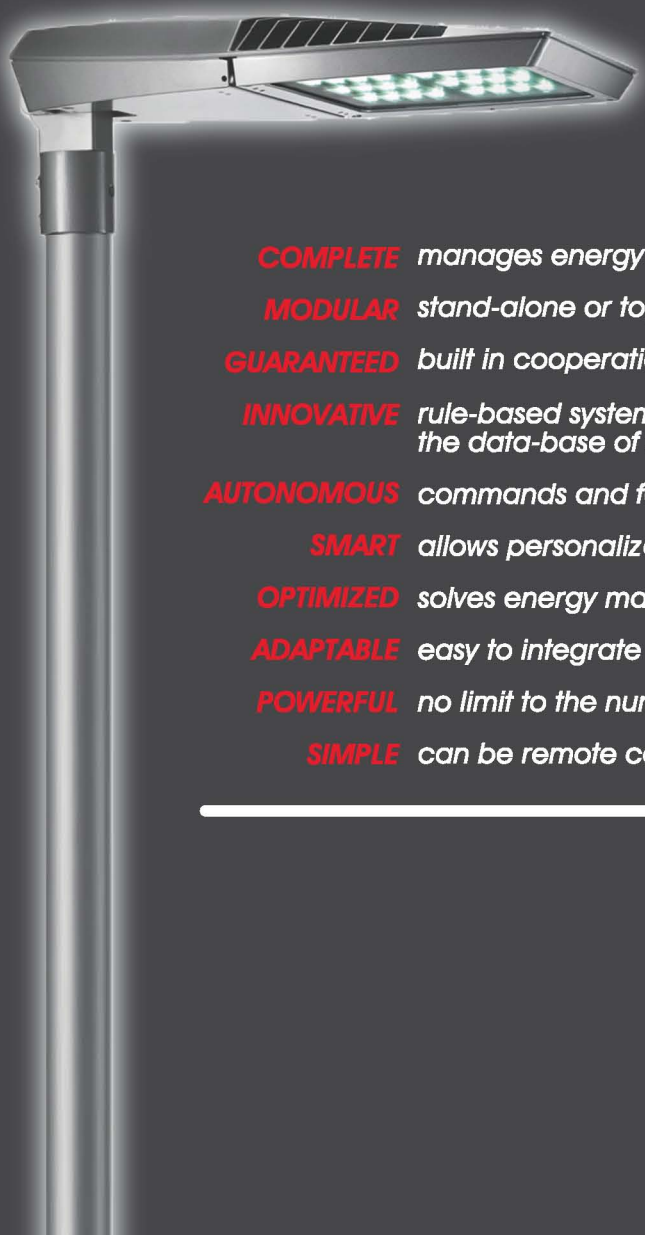
MOSAIC ECO is an innovative rules-based system that continuously monitors the status of the facilities through sensors, simply connected to the airport network.

MOSAIC ECO automatically applies the rules, sends commands directly to the control equipments in the switchboards and the feedback to the user interface.

The Energy Manager can set his personal strategies for energy saving through a powerful and easy to use web interface.

Often the rules of consumption optimization are at odds with each other: MOSAIC applies special algorithms to resolve conflicts, highlights the adjustments in contrast and finds the optimal solution. Automatically.

The MOSAIC ECO module is the only system that, at the same time, can use information from sensors and information of a higher-level, such as those on the scheduling, gate changes, flight delays and weather.



ENERGY MANAGEMENT

AIR CONDITIONING CONTROL

LIGHTS CONTROL

COMPLETE *manages energy consumption of airport facilities*

MODULAR *stand-alone or together with other MOSAIC modules or other IT systems*

GUARANTEED *built in cooperation with two of the world's leaders in energy management*

INNOVATIVE *rule-based system that uses at the same time information from sensors and the data-base of the airport*

AUTONOMOUS *commands and feedback automatically processed*

SMART *allows personalized energy saving strategies*

OPTIMIZED *solves energy management conflicts and optimizes consumption*

ADAPTABLE *easy to integrate in the existing airport LAN network*

POWERFUL *no limit to the number of controlled systems*

SIMPLE *can be remote controlled*

MOSAIC

TURN ON TECHNOLOGY
SWITCH OFF COSTS

TICKETING

TICKETING

RESOURCE MANAGEMENT

APT RESOURCE MANAGEMENT

HUMAN RESOURCE MANAGEMENT

SITUATION AWARENESS

REAL TIME RADAR S-MODE

RADAR TRACKS

AUTOMATIC SITA MSG IN

AIRPORT ELECTRONIC STRIP

AIRPORT CDM

PASSENGER INFO

FIDS

PUBLIC ADDRESS

SAFETY VIDEO

SYSTEM CORE

ADDB

MULTI ACCESS GUI

REMOTE CONTROL

LOGS

ADVERTISING

ADV VIDEO

INTERACTIVE ADV TOTEMS

OPERATIONS

STAND CHECK-IN GATE

LOST & FOUND

SITA MSG IN & OUT

INTERNAL MSG SYSTEM

BACK OFFICE

BILLING

BUSINESS INTELLIGENCE

FLIGHT TRACKS POST PROCESSING

REPORTS

ENERGY

AIR CONDITIONING CONTROL

ENERGY MANAGEMENT

LIGHTS CONTROL

SECURITY

ACCESS CONTROL

TVCC

AIR SUPPORT
SOCIETÀ DI INGEGNERIA

Via P. Galluppi 2 - 00136 Roma - Italia
Via Nevio 102/C - 80122 Napoli - Italia
Tel. + 39 081.598.31.52
info@mosaicairport.com - www.mosaicairport.com

Partners

Schneider Electric

Enel Sole

GMA Generale Meccatronica Applicata