

INSERO I-TWR

INSERO INTEGRATED TOWER SOLUTION

In the coming years, an increasing amount of real-time information will be available to air traffic controllers and AFIS operators. SESAR recommendations, SWIM, Network Manager and other information providers will offer much more information than tower operators have available today. New tools to receive, organize and visualize this higher amount of information is required in order to make it optimally operational.

The Insero Integrated Tower Solution (I-TWR) is a new, safe, reliable and efficient working platform which handles flight information, flight plans and situation display, it presents MET information, and it controls airfield lighting and nav aids from one integrated system. The Insero I-TWR thus represents an excellent tool to successfully meet the air traffic control challenges of tomorrow.



INSERO I-TWR

Insero I-TWR provides air traffic controllers with a fully integrated and customisable tower solution ensuring safety and efficiency.

UNMATCHED KNOWLEDGE, TRACK RECORD AND REALIABILITY

Having been in the business for more than twenty years, we know the area of air traffic management inside out. We have built the Insero I-TWR based on this knowledge and we are consequently able to present to our customers an extremely cost-efficient tool, which can be scaled from small single positioned AFIS towers to larger multi positioned towers as needed.

Instead of focusing on a standalone product, we take our point of departure in each customer's business case to ensure a holistic approach. We have in depth knowledge about safety regulations, user patterns and needs and we have built our business around matching these needs through fast, reliable and flexible processes.

Together, the team at Insero Software represent more than 175 years of working experience and we have a proven track record of delivering safe and reliable solutions for the aeronautical domain. We possess the knowledge needed to provide each of our customers with a cost-effective, complete and customized turnkey solution that integrates flawlessly into existing systems on individual airport premises – regardless of size – and we thus make it possible for air traffic personnel to ensure safe and efficient air traffic management.

OPTIMAL OPERATOR EXPERIENCE

At the heart of ensuring this safety and efficiency lies the Insero I-TWR. This scalable and cost-efficient software

solution provides air traffic controllers with the needed real-time information and overview for them to safely guide pilots on their way to, within and from the airport.

With simple and intuitive user interfaces, optimized based on direct input from tower personnel, the Insero I-TWR provides a scalable turnkey solution for towers in small and medium-sized airports. With this solution in place, the foundation is laid for providing tower personnel with an optimal tool to ensure a safely and efficiently operating airport.

Insero I-TWR combines four innovative software elements into one simple turnkey solution.

FULLY CUSTOMISABLE TURNKEY SOLUTION

We have combined four software elements into one simple and user-friendly turnkey solution, which integrates flawlessly with all other relevant airport systems. The four elements of the Insero I-TWR can be combined in any combination to meet the needs of each individual customer.

The Insero team is highly skilled and dedicated to ensuring a smooth and efficient process; from initial specification through installation and training and bringing the system into operation. Throughout the service period Insero can provide online support.

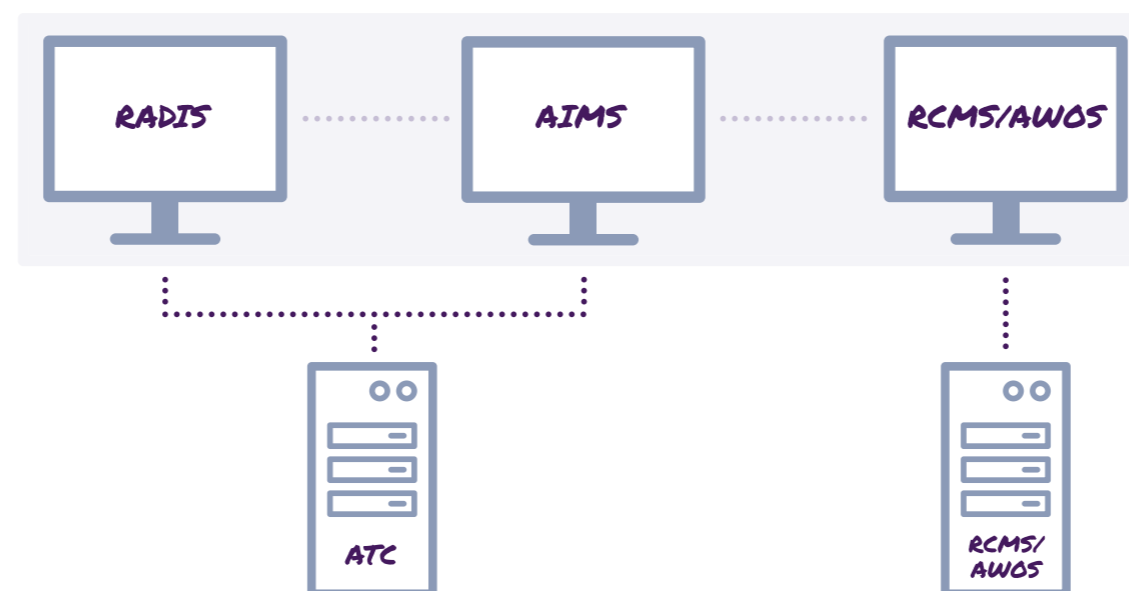
INSERO I-TWR CONSISTS OF:

An **Airport Information Management System (AIMS)**, ensuring a clear, real-time view of all information about relevant traffic. The systems gathers and sorts data regarding flight plans and meteorological matters and displays these to tower personnel in a simple, visual overview which can be adapted to the individual user's needs.

An **Advanced Radar Display (RADIS)**, which provides a radar overview of air traffic. The display enables tower personnel to inform and guide pilots as to their own and other planes positions with the intent to ensure safe and efficient operations.

A **Remote Control and Monitoring System (RCMS)**, which ensures tower personnel an improved situation awareness of and control over all equipment placed on airside, such as airfield lights, nav aids, gensets and other operational equipment. With this real-time monitoring system personnel is furthermore able to act instantly should any malfunction occur requiring immediate action.

An **Automatic Weather Observation System (AWOS)**, which provides tower personnel with an overview of current weather conditions. Through a variety of weather sensors, the systems delivers reliable meteorological information (real-time MET reports, METAR/SPECI and SYNOP) for incoming or departing airplanes. The performance of all sensors are monitored through the RCMS system. AWOS has an ATIS option available.



QUALITY, FLEXIBILITY AND FULL INTEGRATION

QUALITY

Our industry-leading software solutions are built on user input and on a long-standing track record. We are known in the business for always providing high quality work and flawlessly executed mission-critical solutions. Our software platform has proven reliability from both civilian and military installations with more than one million hours of accumulated operation.

Air traffic controllers and AFIS operators have provided valuable input to us over the years and we continuously optimize our software solutions based on direct user feedback. Consequently, we are able to present an easy-to-use and intuitive solution, which only requires minimal training.

FLEXIBILITY

Our team consists of competent and highly dedicated

people and it is part of our culture to apply a flexible approach wherever needed in order to provide the customer with the exact solution he needs. In our team of highly qualified technicians, we pride ourselves in always handing over to our customers a fully integrated and optimally functioning system. No stone is left unturned in our quest to provide our customers with the exact solution that best fit their needs.

FULL INTEGRATION

We do not only focus on our own part of the solution, but on the system as a whole. Therefore, our software solutions are fully integrated into existing on-premises solutions and we always ensure full integration, where everything can be handled from one single point. Integration is fast and will not interfere with daily operations as we can make switch over from the old system and have the new system up and running within an hour.



FURTHER INFORMATION

For further information or demonstration of I-TWR, please contact our sales department.

INsero SOFTWARE

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**"INNOVATION IS THE ESSENCE
DEDICATION MAKES THE DIFFERENCE"**