**Our Company**

ERA a.s. (a member of OMNIPOL group) is a leading company in multilateration, multistatic surveillance, and reconnaissance technology. Unrivalled experience in passive surveillance sensor development provides ERA with unique know-how to deliver comprehensive solutions for air traffic control and management global markets. We develop, manufacture and implement mission-critical systems for military and civil purposes. Over last 2 decades, ERA has reached number of more than 100 installations with 24/7 operations fulfilling demanding customer requirements.

ERA has developed unique passive surveillance system VERA-NG that defines new sensor category DPET (Deployable Passive ESM Tracker) tailored for air, maritime and land target surveillance and reconnaissance for defence and electronic warfare purposes. In parallel, ERA made air traffic control history when deploying the first multilateration system and introducing gate-to-gate surveillance. We intend to continue introducing new technologies to adapt to today’s and tomorrow’s challenges.

**ERA in Basic Facts and Numbers**

- **Founded:** 1994, joint-stock company, 100% Czech owner OMNIPOL group
- **Customers:** more than 100 in 62 countries on 5 continents
- **Heritage:** pioneer in multilateration as successor of Tesla since 1961
- **Employees:** approx. 400 people, 57% university degree, 1/3 R&D
- **Location:** 6 branches in the Czech Republic and the Slovak Republic

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**CEO**

Welcome to the world of ERA!
Welcome to a world of alternative tracking technology for air traffic control and defence purposes.
Welcome to a world which we, as lone pioneers, began creating and building, where we have not only set the standards, but also shown the direction to those who are following in our footsteps.
Welcome to a world, where we measure time in nanoseconds, as a longer time period can represent a deviation of hundreds of metres, and could seriously endanger the safety of air traffic, and thus human lives.

We have transformed a small family business into a modern innovative high-tech company, which provides its products to a broad portfolio of customers all over the world.
Our solutions can be found at the majority of world airports. We cover the airspace across entire countries and our defence systems are used by the armies of NATO members as well as outside of it. We are not a typical manufacturing company, but a knowledge based company. The main means of production are the people and their knowledge; we want to concentrate on them and cultivate their abilities.

We have maintained over the years an interest in innovation and surpassing the boundaries of the impossible. Where others say that it cannot be done, space for us and our innovations only begin.

Our strategy for the future lies in moving the boundaries of technological (im)possibilities forward and searching for new challenges in the physical world.
The focal point of success remains literally in the “know-how”, that is employees with unique knowledge creating a unique set of world-class products.

First and foremost, however, our systems can help ensure your aircraft reach their destination safely. Welcome to a world which is, also thanks to us, much safer!
ERA’S FIRSTS AND BESTS

ERA SELECTED REFERENCES

Germany
MLAT and SQUID at 10 airports:
Munich, Frankfurt, Hamburg, Nuremberg, Braunschweig, Köln, Bonn, Bremen, Düsseldorf, Berlin

The Netherlands
MLAT and SQUID, largest number of Vehicle Tracking Units, 446

The Netherlands
North Sea oil rigs, unique solutions for helicopter traffic on oil platforms

The Czech Republic, Prague
Václav Havel Airport, the busiest airport among the new EU member states

Japan
Various multilateration solutions (WAM, MLAT, HMU, PRM): Tokyo, Osaka, Nagoya, Okayama, Kinki

Singapore
Changi Airport, MLAT, the best airport by airline customers, inquiry 2016

Fiji
WAM & ADS-B, solution for challenging weather conditions

Portugal, Azores
WAM, coverage of busy air traffic corridor over Atlantic Ocean

Spain
Barajas airport, MLAT, 6th busiest airport by passenger traffic in Europe

Namibia
WAM, the largest whole country coverage, 55 stations

Malaysia
Kuala Lumpur Airport, MLAT, the biggest number of ground stations 44

Indonesia, Jakarta
Soekarno-Hatta Airport, A-DMGCS, the 2nd busiest in South-East Asia

New Zealand, Queenstown
WAM, cost effective green solution

Japan
Various multilateration solutions (WAM, MLAT, HMU, PRM): Tokyo, Osaka, Nagoya, Okayama, Kinki

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New Zealand, Queenstown
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ATM PRODUCTS

ERIS
ERA ATM/ATC INTEGRATED SYSTEM
Modular and scalable ATM System for Air Traffic Control

3R
RECORD & REPLAY & INVESTIGATOR SYSTEM
Non-stop record & replay system with Technical and Investigation Client

IXO
INTEGRATED ATM/UTM/AIS SYSTEM
Aeronautical Data and UAV management

SQUID
VEHICLE TRACKING UNIT
Vehicle-mounted ADS-B transmitter

NEO
COMPOSITE MULTILATERATION AND ADS-B SYSTEM
The latest generation of Multisensor Surveillance Systems

AIRPORT/ANSP
Advanced Surface Movement Guidance and Control System (A-SMGCS)
Surface Multilateration (MLAT) and ADS-B
Vehicle Tracking System (VTS)
Common Ground Surveillance System (CGSS)
Record, Replay & Investigation System (R&R)
Integrated Aeronautical Information System (AIS)
UAV Traffic Management (UTM)

MISSION PLANNING TOOLS | SIMULATORS | CONSULTANCY
SOLUTIONS

SENSORS
MORE THAN SENSORS
ERA RECOGNITION

CERTIFICATE

ERA's quality system has been certified to the ISO 9001 standard since 1997 and is regularly audited and recertified by the Certification Authority TÜV SÜD Czech s.r.o. ERA complies with NATO design, development and production requirements. The AQAP 2110 certificate is issued by the Defence Standardization, Codification and Government Quality Assurance Authority and is based on the ISO 9001:2016 standard.

QUALITY MANAGEMENT

ERA’s management system is based on quality management standards and continuous process improvement to ensure the successful achievement of all specified needs for its customers. ERA’s products are backed with the MasterCare program – a complete portfolio of services and comprehensive range of assurance offerings that can be customized to the unique customer, deployment site and service level requirements.

CERTIFICATES

AWARDS AND PRIZES

ERA has been awarded numerous awards and prestigious prizes by international juries, namely:

- 2007 Jane’s ATC Industry Development Award, Maastricht
- 2007 Frost & Sullivan Award for ADS-B Technology
- 2009 Leadership Gold Medal.IDET News for VERA-NG, Brno
- 2013 Prestigious award IDET News for Silent Guard, Brno
- 2015 Silver DSEI medal in the nomenclature of PSS, London
- 2017 Company of the Year; ERA HQ – Building of the Year, Pardubice

INTELLECTUAL PROPERTY RIGHTS

Research and development is a cornerstone for ERA, which means protection of intellectual property, but at the same time continuous increase of global knowledge by sharing technological breakthroughs. ERA follow both principles with more than 30 patents and by publishing papers in impacted journals. Moreover, ERA employees contribute to major conferences, R&D panels and standardization groups (EUROCONTROL, EUROCAE).

PRESTIGIOUS PRIZE

INTERNATIONAL JOURNALIST JURY

SILVER DSEI 2015

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CORPORATE RESPONSIBILITY

SPORT
ERA has signed a contract of partnership with the young Czech speed skater Karolina Erbanova, who has already won some European Championship and World Cup medals. ERA has become the major partner of the Golf Resort in Bohdaneč Spa. ERA also sponsors local sport events, for instance, sport parks for children, bicycling competitions and futnet and volleyball tournaments.

CHARITY
In connection with the corporate responsibility programme, ERA’s main partner has become a school for children with special needs, ERA sponsors charity events and projects for its pupils. ERA has also repeatedly subsidized the charity event that donates the profit to non-profit organizations such as the shelter for children, rehabilitation centre or regional children’s homes.

EDUCATION
Support for activities such as school competitions, scientific exhibitions and university conferences is part of ERA’s official HR policy. ERA has subsidized the Secondary School of Electrical Engineering and the University of Pardubice based in ERA’s hometown. ERA also closely cooperates with the University of Defence and the University of Technology, both in Brno.

CULTURE
ERA has had a long-term relationship with East Bohemian Theatre, the Pardubice city drama company. ERA traditionally subsidizes other regional culture and educational institutions, for instance Museum of Czechoslovakian Fortifications and supports the publishing of documentary books focused on 20th century history.
CORE VALUES

Tradition
More than half a century of pioneering in the field of passive radiolocation

Reliability
More than 500 million operating hours of working modules at ERA’s surveillance systems worldwide over 20 years

Safety
Certified surveillance systems by ERA guard the airspace over 5 continents

Future
Our heritage of proved innovation continues with a constant focus on research and development

MEMBERSHIPS AND COOPERATION

ERA a.s.
Průmyslová 462
530 03 Pardubice
Czech Republic
GPS: 50.025520, 15.802160

SALES DEPARTMENT
+420 467 004 107
sales@era.aero

COMMUNICATION
+420 730 190 497
l.stejskalova@era.aero

INTERNATIONAL CIVIL AVIATION ORGANIZATION
A United Nations Specialized Agency

ERA/OMNIPOLO

EUROCAE

icas
International Confederation of Aeronautical and Space Sciences

Bezpečnostná komora ČR

Univerzita obrany

Organizace NATO OVN

Aircraft Owners and Pilots Association

Civil Air Patrol

TATORT

Evropská komise

Česká republika

Geschichte der Menschheit

Evropská komise