

Company profile

Specialised Electronic Equipment

RETIA is a Czech company established in 1993 in Pardubice operating in the CSG Aerospace division of industrial group CZECHOSLOVAK GROUP. The company is involved in the development and modernization of radars, command and control systems, UWB localization and communication systems and ReDAT Recording Systems designed for voice, screen and data recording. RETIA products have been deployed in the military and civil sectors.

RETIA has its own first class research and development division. The company has delivered a great number of projects for major customers worldwide.

RETIA's certificate of Facility Security Clearance allows access to classified information up to the level SECRET and NATO SECRET. The company has a permit for military material trade. RETIA is ISO 9001, ISO 14001 and AQAP 2110, certified, and is a member of the Defence Industry Association of the Czech Republic.

The extensive knowledge, experience and corporate expertise, makes the company unique and highly capable of performing the most complex tasks in the given sector.

1993

foundation
year

59%

employees with
university education

58%

R & D
specialists

37

average
age

over 250

number
of employees

over 50

countries where
RETIA has
completed projects



Military and security systems

For over 25 years RETIA has successfully been modernizing radars and weapon systems, C4I2 command and control systems, manufacturing radar technology and integrating specialised electronics for the military and security sector. High quality RETIA products have satisfied many customers in the Czech Armed Forces, NATO countries, armed and security forces worldwide.



ReGuard



Successful modernization of the P-37 radars along with other Soviet-origin radar technology for the Czech army, and the P-18 radars for foreign partners resulted in the award of further major tenders, including the modernization of the 2K12 KUB anti-aircraft system for the Czech army and NATO countries. The complex modernization is based on a new design of the electronics configuration, life-cycle cost reduction and service life extension.

The RACCOS system developed by RETIA has been used by NATO armies for several years. This automated communication information system provides control units for the air defence. Based on the experience gained from this project, RETIA developed another successful product: a specialised mobile container workstation used as a ground site of the sophisticated NATO – AGS system.

A great example of the in-house produced radar technology is the short-range radar ReVisor. The surveillance radar ReVisor which has a range of up to 25 km, is used mainly for ground based air defence (GBAD). The system identifies and quickly retrieves information to monitor air targets, including small and low flying aircraft.

The next generation system is represented by a multi-purpose 3D radar ReGuard with a range of up to 18 km and a height coverage of 3 km. It is designed for the simultaneous detection and monitoring of ground and low flying targets with a low radar cross section. The radar searches the space by means of electronic deflection of beams and the mechanical turn of the radar head.

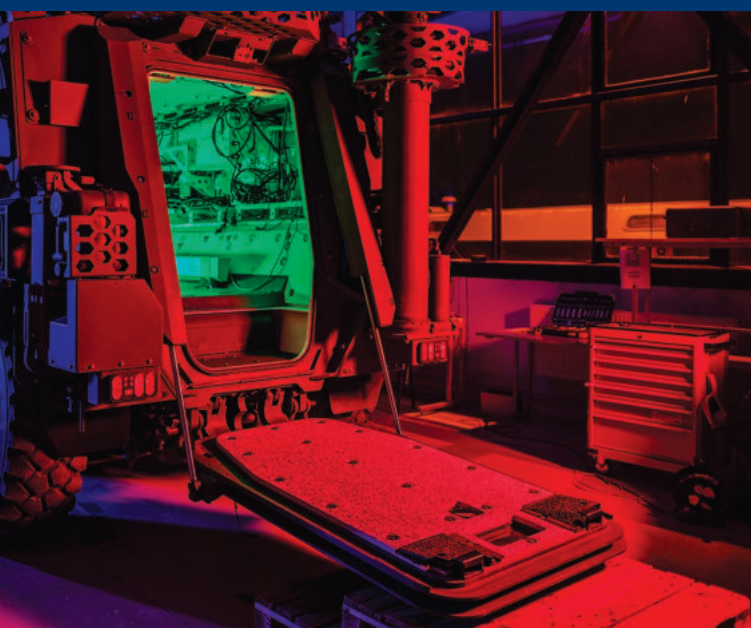
RETIA has successfully integrated IT structures and electronic components in the ground forces command and control systems. Effective information systems, including individual parts and communication means, have been installed in the Pandur, Titus vehicles and in weapon bodies of the howitzer DANA M2.



ReTwis 5

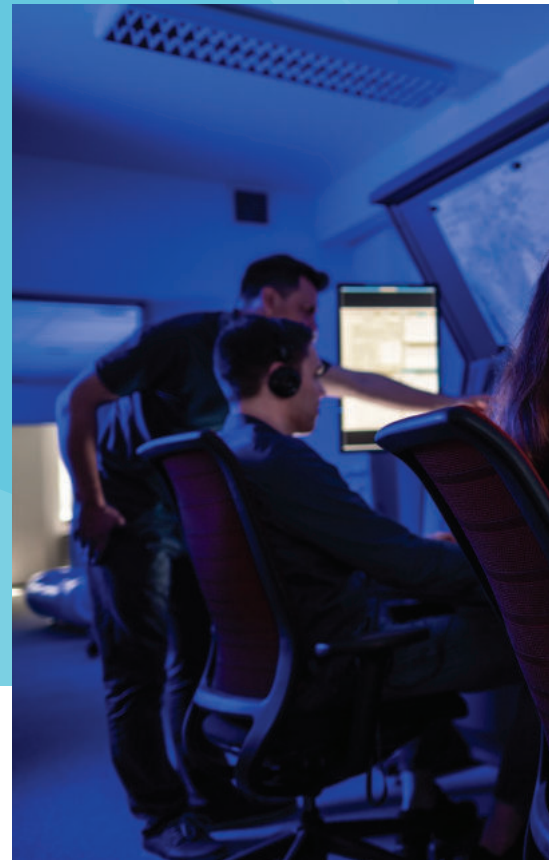
For the armed and security forces, RETIA has developed a unique small portable radar ReTwis 5, which detects living entities behind a wall or behind a non-metal barrier. Its features, such as the 40 m range, extremely low weight and size rank it among the top products in the field of portable radars.

Among the strong points of RETIA is the ability to customize and tailor product designs to meet the client's needs, as well as offering technology transfer.



Titus

ReDAT Recording Systems



In the telecommunication sector RETIA is a market leader for recording solutions with the ReDAT system. The users can benefit from this highly sophisticated system used for recording voice, screen and other relevant data which is automatically analyzed and made available in a well structured, user friendly format.

The highly modular system with wide integration potential, fully covers the needs of recording in the Contact Centres, Dispatch Centres and for Air Traffic Control.

Some of our customers include major mobile network operators, banks, integrated rescue system units, rail transport infrastructure management, air traffic controllers and commercial contact centres.

ATC/ATM

Besides the corresponding quality of a recording system, the ATC/ATM segment requires maximum stability, accuracy and safety. The ReDAT system offers the ATC/ATM segment a solution which is reliable even in demanding sectors such as air traffic control.




DISPATCH CENTRES

By quickly analyzing dispatch centre data, the system can quickly provide all relevant information for efficient and effective on-line monitoring or status of a current situation.

CONTACT CENTRES

The ReDAT system records and analyzes communication with customers at many contact centres while processing voice, text and audio-visual communication. The system enables, among other things, effective control and measuring of its effectiveness, which represents an essential personnel and quality management tool.



+420 466 852 111
info@retia.cz

RETIA, a.s.
Pražská 341, 530 02 Pardubice
Czech Republic
retia.cz

MEMBER
OF \ CSG
aerospace