CASE STUDY

AIR TRAFFIC CONTROL

The Air Navigation Services of the Czech Republic (Řízení letového provozu České republiky, s.p.) had us create a monitoring system for managing access of employees and visitors to the ANS (ŘLP) premises. This included contactless card readers, their cases, and a system for monitoring the presence of dispatchers in the control centre. Also, a NOTAM communication system was put in place, which is used by dispatch and to relay meteorological messages.

„Thanks to the surveillance system from Business Systems, we can easily control the movement of all employees and visitors on our premises, and we can also more effectively manage the work of dispatchers.“

Ing. Jan Klas
General Manager
Air Navigation Services of the
Czech Republic (ŘLP ČR, s.p.)

INITIAL STATE
- An antiquated system with stripe cards

PROBLEMS
- The system was technologically obsolete
- Many of the contact cards were worn out
- The original NOTAM system only took information line by line

SOLUTION
- Ran a needs analysis for ANS (ŘLP)
- Performed an implementation analysis
- Developed solutions using an agile programming methodology
- Set up a web interface for ordering visits
- Put in place multi-field EMF meters to replace the cards
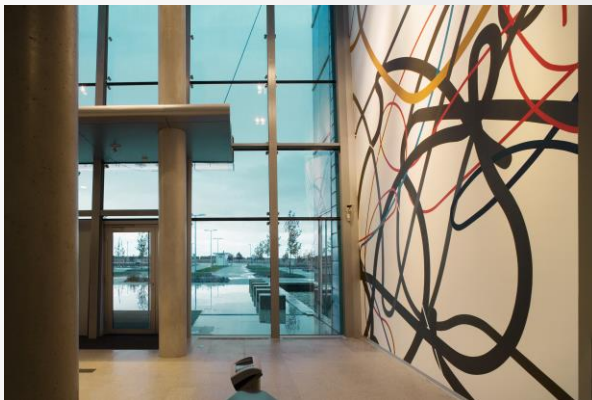- Verified suitability via user acceptance testing

BENEFITS
- The new system is modern and modular
- The system is open to other suppliers
- A robust and reliable service
- A very high level of security
- The system is connected to a workplace attendance system
- Because it uses contactless cards, the readers will have a longer service life
- The system is not reliant on a specific type of card
- The hardware is affordable
- Approval of visits done through VPN
- Connected via LDAP
- Enables the filing of applications for cars entering the building
- Provides flight statistics, traffic, etc.
- All personal information is managed as per law

ANS CR, s.p. was founded in 1995 with the mission of actively providing the safest, most cost-effective, and sustainable air navigation services for long-term use in the rapidly evolving field of functional airspace blocks.

Business Systems, a. s. has been operating in the European market since 1997, providing our services in the creation and operation of information systems. Our clients can be found in the areas of banking, healthcare, energy, telecommunications, tourism, aviation, manufacturing, and trade. By applying agile programming practices, we ensure rapid delivery of systems, quick adjustment in the case of changes during the development process, and compliance with contractual deadlines and budgets.

For more information, please visit us at **www.bsys.cz** or write to us at **sales@bsys.cz**