

Press release

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Automotive, aeronautics, defense, healthcare... Altran integrates intelligent systems all over the world

With 450 billion intelligent interactions per day expected in 2020, intelligent systems are set to transform the world we live in and break down the boundaries between industrial players. These systems mean that we can stay connected wherever we are; at home, in the car, on a plane.

Altran believes that the three factors underpinning the success of the intelligent systems of tomorrow will be greater user focus, the safe and secure integration of technologies and profitability.

To illustrate the potential of intelligent systems, the Altran group is unveiling two prototypes that it has developed within the context of its R&D programme. These prototypes demonstrate the feasibility of high-tech systems that are offering new users' experience.

- **Immersive ATM¹**: this prototype tests new usages for air traffic control which are operated by gesture and voice recognition, are in 3D format and interact with iPad-type tablets.
- **Open & Connected Car** : this prototype gives access to a platform of applications, new services and new usages (eco-driving, personalisation, social networks, etc.), and can be customised to meet the specifications of users' smart phones and tablets in a safe and secure manner for drivers and passengers alike.

Bringing our own smart world into the car

The launch of Altran's global Intelligent Systems solution will be the opportunity for the Group to present the digital world of the connected car. With the ongoing transformations in the automotive sector, the digital world is undoubtedly becoming an integral part of the car and, as such, an essential communication tool for the driver; a perfect example of the importance of being connected to one's environment.

For Intelligent Systems / Altran the key challenges that need to be addressed are three-fold: Technology, Usage and Profitability.

- **Technology**: regarding complex-technology integration, safety and security are critical factors
- **Usage**: Intelligent Systems must be appealing (design), efficient (advanced ergonomics) and accessible for all
- **Profitability**: Intelligent Systems make for profitable business models that are cost-effective and sustainable.

¹ ATM Air traffic management

Altran's user-centred approach ensures the seamless integration of technologies and benefits players throughout the value chain.

A booming market

According to IDC² the number of intelligent systems worldwide will reach 2.6bn in 2016. IDC expects this market to grow by 16% over the next three years and to generate estimated revenues of \$1,400bn in 2016, three times more than the slowing traditional embedded systems market.

Intelligent Systems / Altran

With 30 years experience in embedded and critical systems, Altran, a pioneer in the sector and forerunner in global intelligent systems, is pursuing its vision by focusing on Intelligent Systems solutions.

Altran's global network of 3,000 experts, spread across 13 countries throughout Europe, Asia and the US, are working to address the challenges related to intelligent systems.

The Group has thus created the first premium solution geared to provide synergy of expertise, transversality and the understanding of the issues involved. This 6-package solution covers:

- Systems engineering
- Software engineering
- Electronics
- Safety
- Security
- Connectivity

As an intelligent systems integrator, Altran has set up an organisation based on a network of Excellence Centres accredited with certifications such as ISO 9001, ISO 27001, EN9100 and CMMi ML3'

Given the quest for fresh talent in this fast-growing market, Altran realises the need to train its own engineers for the future, and has thus set up an academy to provide standardised training and build up Intelligent Systems tailored to meet client needs.

Pictures on demand to our press department

Download the pictures (©Altran):

[Open & Connected car exterior](#)

[Open & Connected Car interior](#)

[Immersive ATM](#)

Visit Altran's dedicated site and download the IDC white paper "Intelligent Systems Pave the Way to a Smart World" <http://intelligent-systems.altran.com>

About Altran

As global leader in innovation and high-tech engineering consulting, Altran accompanies its clients in the creation and development of their new products and services... Altran's Innovation Makers³ have been providing services for thirty years to key players in the Aerospace, Automotive, Energy, Railways, Finance, Healthcare and Telecoms sectors. Covering every stage of project development from strategic planning through to manufacturing, Altran's offers capitalise on the group's technological know-how in four key areas: Product Lifecycle Management, Mechanical Engineering, Intelligent Systems, and IT Systems.

In 2012, the Group generated revenues of €1456m. Altran now has a staff of 20,000 employees in more than 20 countries.

www.altran.com.

About Intelligent systems / Altran

Intelligent systems are the next generation of embedded and real-time systems that are capable of operating complex applications thanks to their high degree of connectivity and tremendous processing power. Intelligent Systems / Altran, the Group's dedicated intelligent-systems division, offers packaged solutions designed to help clients in all industrial sectors create new business opportunities as well as novel experiences for their users in areas such as autonomous systems, smart phones, smart meters, medical devices, connected cars, advanced air traffic control and smart sensors.

Intelligent Systems / Altran believes that the key challenges in this sector are not just of a technological nature (integration, security and safety) but also involve the design, ergonomics and creation of profitable economic models. To better understand these challenges, Intelligent Systems / Altran offers an expert programme of six global practices that provide the consecutive technology blocks involved in these intelligent systems. These six practices (Systems Engineering, Software engineering, Security, Safety and Connectivity) pool some 3,000 engineers worldwide to form a network of international Excellence Centres making it possible to implement projects in Asia, Europe and North America. These Excellence Centres are accredited with a number of general, solution and industry specific accreditations (ISO 9001, ISO 27001, EN9100 and CMMi ML3, etc.)

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