

Altran has developed a fully automotive Connected Car platform

To get access to the new digital world from your car in a safe and adapted way, Altran has developed a Connected Car platform that builds upon the GENIVI™ compliant Linux distributions.

Altran's Connected Car platform is fully automotive and integrated into the car electronics. The platform offers a rich connection with the external world, opening up the car to the digital ecosystem and allowing users to download applications and services. In order to ensure a connected and safe user experience on the road, security has been built in. Only certified applications are able to run in the car.

The platform makes possible the realization of an automotive demonstrator with connectivity and adapted ergonomics (speech recognition, steering-wheel commands...).

Altran utilized the Intel® Atom™ processor as the foundation for its hardware platform, giving it the performance needed to handle a variety of compute and graphics intensive applications. The system meets the needs of OEMs and Tier1 automotive suppliers that adhere to the automotive Linux specification defined by the GENIVI Alliance.

Altran also used Qt, Nokia's application and UI* framework, to create a user interface on top of this "Connected Car" platform. Qt is an ideal framework for OEMs and Tier1s to reduce their software development costs and deliver innovative user experience to drivers and passengers.

"Using Qt for its "Connected Car" platform, Altran can easily re-use and customize the UI to fit different requirements and hardware specifications. With Qt the hardware support for performance, graphics, media and connectivity can be fully leveraged. And, to complete web content and services are seamlessly integrated through the Qt Webkit integration", explains Alistair Adams, Segment Product Manager Nokia Corporation.

"The demonstrator for the "Connected Car" that we present at the IAA shows how an open software platform based on a GENIVI™ compliant Operating System and leading hardware and application technologies can quicken the pace of development and enable more

innovative capabilities”, says Keith Williams, Altran Group Executive Director, Embedded & Critical Systems.

About Altran

As European leader in Innovation and High-Tech Consulting, Altran has been providing services for almost thirty years to key players in the, Automotive, Aerospace & Defense Telecoms, Energy, Healthcare and Finance sectors.

Thanks to its expertise in the fields of advanced technology and innovation, the Group is able to accompany its clients in the creation and development of their products and services.

Present at every stage of project development from strategic planning through to manufacturing, Altran provides new-technology services in the fields of Innovation Management, Mechanical Engineering, Engineering and Embedded Systems, IT Systems and Performance Management.

More info: www.altran.com

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Meet our experts on IAA (Internationale Automobil-Ausstellung) motor show in Frankfurt from September 13th to 16th and discover “Connected car” from 14th to 15th September

Hall 4.1 Stand D11

For more info (videos, pics, interviews): [click here](#)

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