

NEW INFOTAINMENT SYSTEM

ConCarExpo, Berlin, 5 July 2017. MTA, a company known for the development and production of a wide range of electromechanical and electronic products for major OEMs, presents at ConCarExpo 2017 (Stand 21) the latest version of its Human-to-Machine Interface system.

Thanks to the know-how acquired in recent years in the development of intelligent dashboards for different OEMs, with graphics with fast dynamics and very high performance processors, MTA is now able to offer a complete “In-Vehicle” system and with state-of-the-art specifications. This system manages, even simultaneously, the infotainment, the instrument cluster and a passenger display or an HUD functions, thanks to the presence of an “intelligent” central unit.

The central unit of the MTA system is developed based on a flexible and powerful architecture that makes use of the Jacinto 6 multicore microprocessor produced by Texas Instruments, which is renowned for its high computing power. It can handle up to 3 displays inside the vehicle, as well as collect and convey the information coming from the vehicle and from the LTE connection. Furthermore, the unit is ready to be quickly adapted for additional functions based on specific customer requirements.

In addition to allowing the integration of information, the presence of this “electronic heart” makes the display and the central dashboard become external devices of the system, thereby allowing OEMs to easily replace them in the transition from one vehicle application to another.

In developing its HMI system, MTA not only focused on the electronic central unit content, but also paid a lot of attention to the ease of use for the user, for a completely safe drive, cooperating with specialised companies for this purpose.

The Car Pavilion at ConCarExpo 2017, will host a show car fitted with the central unit and several displays, to show the visitor what MTA can offer in the field of multimedia and connectivity technologies inside the vehicle. The show car features a large reconfigurable Full HD 12” main dashboard that

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provides the driver with information; a multi-touch 12” central display which manages the infotainments features; an 8” entertainment passenger display; two multi-touch 8” displays for the entertainment of back-seat passengers.

The show car is also linked directly to a smartphone; for this feature MTA integrates MirrorLink functions. In this way the smartphone user interface can be seen in the central display, with graphics adapted to the typical use and safety requirements for vehicles.

MTA at ConCarExpo 2017: **Stand 21**

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MTA S.p.A. is a global leader in the development and production of a wide range of electromechanical and electronic products developed internally for the primary manufacturers of cars, motorcycles, tractors, and heavy vehicles. Founded in 1954, MTA has two production sites in Italy (Codogno and Rolo), eight foreign offices, sales of about €180 million, and 1,200 employees.

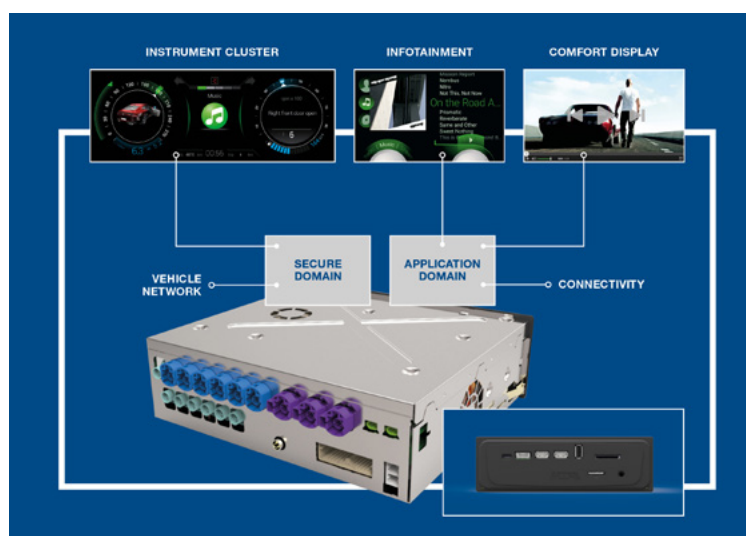
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← The latest version of Human-to-Machine Interface system developed by MTA internal Electronics department.

↓ The latest version of MTA show car hosted at the Car Pavillon during ConCarExpo 2017.



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