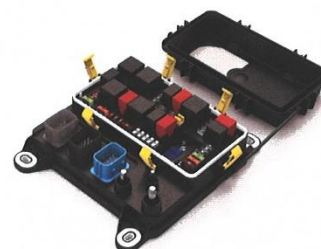


EXPORT

MTA

Leonardo's work of art

For the first time at Bauma (Hall 2A Booth 627), MTA will showcase the display Leonardo, the SIC In-Vehicle Infotainment system and the Power Distribution Unit MEC 97. These represent some of the latest products advancements for off-highway applications that the Italian manufacturer



of electromechanical and electronic products is offering to OEMs. Leonardo is an off-the-shelf high-resolution 12.1" TFT color touchscreen display, whose software can be easily customized by OEMs through Android Studio, an environment that allows to develop complex and refined graphics. Leonardo stands out for its dimensions allowing it to simultaneously display several different parameters, for the multitouch screen with touch controller responding even when the operator wears gloves, for the perfect visibility even with intense direct light. Thanks to the quality of the materials and construction methods employed, Leonardo is highly robust and reliable over time, extremely resistant to vibrations and to high temperatures, also ensuring a high protection degree. Leonardo, like all other dashboards,

displays and control units belonging to MTA's range of customizable off-the-shelf products can feature both a 12 V and a 24 V power supply and it can be used as a stand-alone device or incorporated in an electronic system that includes other displays or dashboards. For a first-hand experience, visitors at the stand can also test the SIC, MTA In-Vehicle System which is mounted in a show cab. The system features an "intelligent" central unit and different displays. The unit can handle up to four full HD displays inside the vehicle and can collect and convey the information coming from the vehicle, the images from cameras and from wireless connectivity. The presence of the intelligent unit developed by MTA allows on one hand the integration of information and on the other the possibility for the displays to become external devices of the system.

This enables OEMs to adapt the terminals and to add new features and functions without making any change to the core section of the system. The unit is also ready to be adapted for additional functions based on specific customer requirements. MEC 97 is a configurable power distribution unit, with both 12 V and 24 V power supply, which can be supplied with four different customization levels. MEC 97 allows to integrate all the functions in one piece, thus eliminating the need of different modules and associated wirings. The vehicle is therefore lightened, the wiring layout is simplified and the assembly time reduced. The unit is waterproof, it has a great resistance to vibrations and these characteristics, combined with its compactness, make it ideal for off-highway applications even when it is placed in the engine compartment.