

RF SWITCHING KEEPS TABLETS IN CONSTANT COMMUNICATION

Today's mobile workers require advanced communications tools like access to broadband internet, Wi-Fi service and global positioning, which is increasingly incorporated into other mobile applications. In order to perform at maximum efficiency, these applications must function reliably even when mobile workers carry them in and out of their vehicles.

ARMOR™ rugged tablets eliminate the threat of data loss or disruption through automatic antenna switching.

For these employees and their organizations, moving from the open air to the inside of a vehicle is a critical factor in uninterrupted communications.

When a mobile tablet is brought into a vehicle, its communications functionality is likely to be compromised. That's because metal, whether it's in the body of the vehicle



ARMOR
RUGGED MOBILE SOLUTIONS



The information you want wherever you need it on the fly, without interruption. The ARMOR automatically switches between internal and external antennas.



or even in certain types of window tint, can degrade radio signals, including GPS. External antennas, which are typically mounted on the vehicle roof, solve this potential degradation

problem. But manually switching between the internal antennas within the tablet and external ones on the roof can cause transmission delays or interruptions. Further, the manual switching process is subject to human

error, which may cause further interruptions.

ARMOR rugged tablets eliminate the threat of data loss or disruption through automatic antenna switching. Vehicle-mounted docking systems for ARMOR rugged tablets provide standard routing to RF ports that allows switching between internal antennas within the unit and external antennas, such as those mounted on a vehicle roof. This seamless switching prevents service interruption and optimizes transmission results. Specifically, the ARMOR X10gx can switch WWAN (cellular), WiFi and GPS. The ARMOR X7 can switch GPS and WLAN.

ARMOR docking systems live up to the survivability and durability standards of the tablets they are designed to support. All of the components have been certified to the most rigorous commercial and military standards to withstand the effects of vibration, shock, temperatures extremes and crashes that cause other systems to fail.

