DT Research

DT Research Large-Screen Rugged Tablets Transform Maysville Police Cruisers into 'Mobile Offices'

DT313T Rugged Tablet

The Challenge:

The Maysville Kentucky Police Department had been using rugged tablets for a few years, but the small screen made it difficult for officers to view diagrams, including images from the station's Computer Aided Dispatch (CAD) mapping system that officers use on a regular basis. Major Michael Palmer of the Maysville, Kentucky Police Department was determined to find large-screen, highly durable tablets that were compatible with the department's software applications and fit their fiscal budget.

"I wanted our officers to have large-screen tablets that could be used in our patrol cars as well as outdoors for real-time information capture, retrieval and reporting," said Major Michael Palmer, Maysville Police Department. "But the tablets also needed to stand up in a first responder environment and be affordable enough to outfit our entire fleet of cruisers. Based on our requirements, I spoke with a colleague who suggested checking to see what the armed services used for rugged tablets and read that the U.S. Navy was using DT Research tablets."

The Solution:

Police Cruisers Transformed into Roving Offices

The Maysville Police Department selected the DT313T tablet, a durable, multifunctional tablet with a vivid 13.3 inch capacitive touch indoor/outdoor display that is viewable in direct sunlight, which officers find useful when issuing traffic citations and writing collision reports. The tablets are mounted inside the Maysville patrol cars, but also have the flexibility to be used as handheld devices or removed when the vehicle is not in use.

The DT313T tablets include Wi-Fi and Bluetooth wireless communications, enabling seamless information capture, retrieval and transmission from patrol officers back to headquarters. Maysville officers can check plates, scan driver's licenses, take photos, write reports and check or serve warrants all from the DT313T rugged tablet.

The DT313T tablets are high performance, yet energy-efficient with an Intel® 8th Generation Core™ i5/i7 series processor running the Microsoft® Windows® 10 operating system. The DT313T tablets are

FCC Class B, CE, RoHS and NIST compliant with BIOS available. Each tablet has a high capacity, hot-swappable battery pack for continuous operation and a built-in foldable tabletop stand. The tablets are mounted into vehicles with a vehicle mount cradle with keyboard, and a range of other accessories adding to the mobility and flexibility of applications.

The Results:

"We started out with one rugged tablet and I told the guys to pound on it," said Major Palmer. "Everyone was thoroughly impressed with it, so we outfitted the majority of our cruisers with DT Research tablets and my guys love them. The large 13-inch anti-reflective touch screen makes a big difference when viewing our CAD mapping system."

"DT Research gives us the opportunity to provide our officers with top-notch mobile technology, while being fiscally responsible," said Major Palmer. "We plan to expand our use of DT Research tablets to outfit our entire fleet in the coming months."

"I know the U.S. military conducts rigorous tests for all the products they consider, so I had confidence that the DT Research tablets would be ultra-durable, highly reliable and secure," said Major Palmer. "Based on the communications technology and software applications now available, we wanted to see if the DT Research tablets could turn our police cruisers into mobile offices."

For more information regarding DT Research Rugged Tablets, visit http://www.dtresearch.com

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About DT Research

DT Research™ develops and manufactures web-enabled information appliances for vertical applications. The DT Research family of products is based on embedded computing platforms for secure, reliable, and cost-effective computing. The products include digital signage solutions, wireless tablets, point-of-service handhelds, compact modular systems, and display-integrated information systems. These systems emphasize mobility, wireless connectivity and touch displays. Powered by Windows® operating systems, the devices offer durability and ease in integration, leading to solutions that can be remotely managed with the comprehensive WebDT Content Manager and Device Manager software. For more information, visit www.dtresearch.com

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