



Success Stories



Service Tablets for Water Utility Maintenance and Management

Reliable technology in every situation

Background

With increasing demand due to a rising population, contamination, and global warming, European water companies were pushed to invest heavily in environmental sustainability and technology to reduce water consumption and require field staff to be equipped with the tech tools to carry out their work without interruption, often in rugged terrain, remote location, and bad weather.

From an operational efficiency perspective, the challenge facing water companies is to find a way to continue to supply the flow of clean water customers expect while upgrading aging infrastructure, fixing leaks, mitigating the risk of sewage escapes, and enabling customers to be more efficient in their water usage. Repairing leaking pipes in the field is a major priority for water companies. It requires a significant workforce and technology to detect leakages and manage their repair with minimal delay, thus reducing the volume of non-revenue water (water lost before it reaches the customer), reducing water bills, and increasing the available supply. The more efficiently they can work, the less downtime they have to endure due to failed tools, and the more reliable the technology they were given to work with, the better chance they will have of delivering smooth-flowing services.

Device for the Future

The European water company chose the Winmate mobile computer solutions for the long-term and as the ideal device for use alongside its development program for more intuitive mobile applications. With dedicated accessories, the tablet can be used as a standalone tablet, docked on the desk or vehicle, and many other possibilities. Workable as the primary information, reporting, and communication tool for the teams to carry out maintenance and emergency repairs to their network.

The proposed products also include USB Type-C Power Delivery to meet the current EU mandates:

- [10.1" Windows OS tablet M101TG](#)
- [11.6" Windows service tablet M116TG](#)

Winmate Rugged Tablets with USB Type-C Charging Port

Extensive wired data transfer and common charging port

Following EU Parliament's approval, by the end of 2024, all mobile phones and tablets, regardless of their manufacturer, will have to be equipped with a USB type-C charging port. This is part of a broader EU effort to reduce e-waste and to empower consumers to make more sustainable choices.

Winmate M101TG and M116TG service tablets support USB Type-C power delivery 20V in. Legacy interface compatibility is also available for those who require it, such as the USB Type-A, an audio jack, and optional micro HDMI ports, allowing you to get the hardware improvements you want without losing anything.



Gloves operable touchscreen

Winmate rugged mobile computers come with projected-capacitive (PCAP) touchscreens that support multi-touch gestures with dry or wet fingers, gloves, and a stylus.

With the bright LED panel, 1920 x 1200 resolution, optical bonding technology, and anti-glare touch treatment, Winmate service tablets offer a premium viewing experience indoors and outdoors.

Rich wired and wireless communication connectivities

Water infrastructure fieldwork calls for a device to support the team's timely information reporting and communication tool as they carry out maintenance and emergency repairs to their networks. Winmate rugged mobile computers deployed for receiving work instructions, sending and receiving data, infrastructure maps, and photographic evidence for electronic work records. Hence connectivity via mobile signals is critical. Winmate service tablets offer wireless connectivity, such as WLAN, BT, WWAN, and GNSS, to fit the needs of water utility fieldwork.

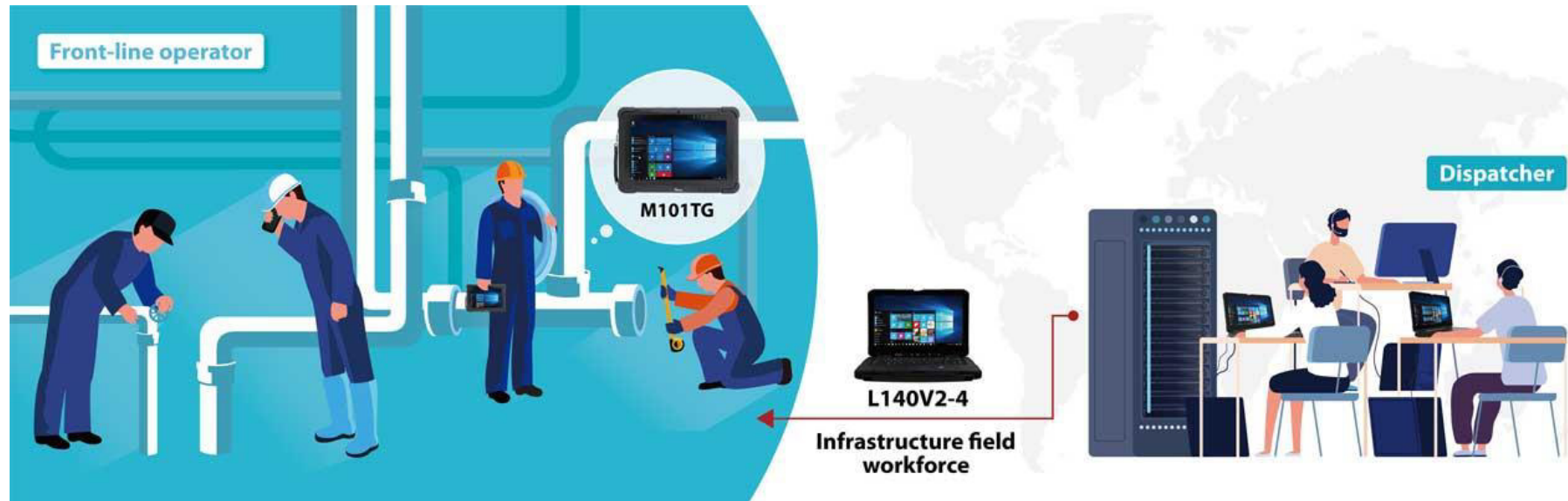


Ruggedness that saves you money

The Winmate rugged computer tablets come with various custom accessories, including a desk dock, hand strap, vehicle dock, high-capacity battery, and many more. All are specially designed and manufactured by Winmate to provide ease and comfort of data entry without sacrificing ruggedness or mobility.

Our rugged mobile computer is made with protective plastic and rubber bumpers on each corner to ensure the device's safety, even when dropped. Even though the screen is more significant, our rugged cases do not obstruct the screen's visibility. Have confidence that the device will not be affected by the impact, vibration, or shock and be well protected from liquid spills and dust. All Winmate mobile computer tablets meet the IP65 and MIL-STD 810H or military standard 810G standards. So, use it at ease, anywhere and every time.

Application Diagram



Related Products



Winmate M101TG Rugged Tablet

10,1" TFT-LCD
Intel Core i5-1135G7
Touchscreen (Kapazitiv)
IP65 (komplett)



Winmate M116TG Rugged Tablet

11,6" TFT-LCD
Intel Core i5-1135G7
Touchscreen (Kapazitiv)
IP65 (komplett)