

Public Safety

/ Case study /

Getac Tablet: Successfully used by the world market-leader in traffic control!

/ Challenge /

Up to the year 2009, German Jenoptik AG depended on ordinary, wired notebooks as measuring instruments for mobile traffic control. To reduce its dependence on plugged-in devices and at the same time make the handling of hardware and data more customer-friendly, a powerful, reliable and future-proof solution needed to be found.

/ Solution /

The launch of Getac's Rugged Tablet PC through its long-term sales partner Logic Instrument allowed Jenoptik to not only minimize the risk of damaging the device or experiencing device failure, but also simplify and strengthen the entire traffic speed measuring process.

/ Benefit /

Getac devices can be reliably used outside, even in extreme weather conditions, assisted with the use of cordless technology featuring a powerful, rechargeable battery. Most importantly is that crucial data transfer is possible via ethernet. The ruggedness of Getac devices ensures that data files are protected.

/ Rugged Getac computers – the perfect solution for Jenoptik AG /

"By using Getac devices, we are now able to offer a very sophisticated, all-in-one solution to our customers, which not only feature maximum suitability for daily use, but also extreme reliability and durability", says Mohammed Benali, product manager at Jenoptik AG.



/ Getac E100 /
Fully Rugged
Tablet PC

/ Challenge /

Jenoptik, a company with its headquarters in Jena, central Germany, has a history which dates back to 1846. The company is active in five sectors: optical systems, laser & materials processing, industrial metrology, traffic safety and defense & civil systems.

Jenoptik's traffic safety business is in high worldwide demand. More than 1.3 million road traffic fatalities occur around the world every year and action to improve this situation is urgently required. The ability to control traffic at a mobile level contributes substantially to reducing the number of vehicle crashes, preventing loss of property and, most importantly, life.

Prior to 2009, traffic control in towns and communities was done by Jenoptik mobile speed measurement units. Power supply, however, had to come by five to 10 meter long cables. The computers for controlling the measurement units were placed on a tripod or in a vehicle, solutions that were both developed internally. This was obviously not an optimal situation for traffic control, and a future-proof technical standard had to be found. Consulting and implementation were professionally done by Getac's long term partner Logic Instruments.

/ Solution /

In order to upgrade its Multanova 6F and SpeedoPhot digital monitoring systems at the beginning of 2009, Jenoptik's traffic safety division decided to purchase stylus-controlled Tablet PC from Getac. This was for handling of the photo and data content in combination with market-leading measurement units, providing a well-engineered, all-in-one solution for customers.

Jenoptik's decision to use Getac devices was not only for the products' outstanding, market-leading technical qualities, they also fit perfectly into the existing traffic safety infrastructure and excelled in reliability and durability, combined with reasonable installation costs. Getac was also chosen for its excellent after-sales services, and broad distributor network coverage.



In the context of this complex and highly security-critical project, Jenoptik was supported by Logic Instrument of Munich, who proved to be a very reliable partner for Getac. Logic Instrument assisted in consulting, project planning and technical support.



/ Benefit /

Jenoptik's choice, the Getac E100, at only three pounds, is one of the world's most convenient, lightest Tablet PCs. Field workers benefit from the Getac device's rugged characteristics, making mobile work easier. As the device is extremely rugged, configuring mobile measurement systems is much more easy and fast.

Thanks to its outstanding Getac RD properties, certified in MIL-STD-810G and IP65 military standards, the E100 can be used in all types of weather conditions. Regardless of high or low temperatures, or in rain or ice, traffic workers do not have to worry about their tablets failing them. This not only puts their minds at ease, it also reduces the amount of downtime and repair costs.

Moreover, images and their corresponding data may now be evaluated in situ and irrespective of the weather and may now be safely distributed via ethernet, thanks to the E100's high-capacity main storage as well as its outstanding connectivity. This means a further improvement for all those concerned.

Getac devices are intuitive and require little training among different staff members, and can even be operated with gloves. The tablet can even remotely control a speed camera. The ability to hot swap batteries during use enhances the independence and mobility of the surveillance teams.

The smooth integration of Getac devices made it possible for Jenoptik to not only provide its customers with a highly developed and easy-to-use solution, but one that could be used in an existing infrastructure. After two years of successful use, which included several employees and location changes, Jenoptik enjoyed a hassle-free transition.

Mohammed Benali says "Since the introduction of the Getac devices we've been able to provide much more flexibility to our customers in their outdoor operations regarding handling, application fields, different weather conditions and connectivity, and therefore safer, more efficient and comfortable working conditions."

Due to the above success, the latest generation of Getac tablets was introduced to the traffic safety sector in 2010. The upgraded E100 platform provides a more advanced tool for officers in the field, which enhances its already superior flexibility, consistency, and ruggedness.



/ Jenoptik AG /

Jenoptik AG's market-leading traffic safety division develops, produces, sells and operates components and systems for mobile and stationary speed measurement and traffic cameras. It offers an entire range of traffic safety equipment, beginning with the development, production and installation of surveillance infrastructures, to processing equipment, and on to ticketing and penalty services. Jenoptik also offers automatic car registration number recognition equipment.

Jenoptik relies on innovative Getac Tablet PC and the consulting expertise of Logic Instrument for use in its important vehicle speed measurement applications.