

NATURAL RESOURCES

RELIABLE OUTDOOR CONTROL CENTRE

RUGGED GETAC UX10 COMPLETE SOLUTION IN USE AT KONRAD FORSTTECHNIK

/ Challenge /

Konrad Forsttechnik GmbH, based in Carinthia, Austria, develops and manufactures innovative machinery for forestry. With a broad portfolio of specialised products such as cable cranes, harvester heads and customised solutions, the company has become a market leader in the demanding forestry technology sector. This requires equipment and controls that are extremely robust and can withstand dust, moisture, direct sunlight and strong vibrations. At the same time, there are high demands on data acquisition and data transfer.

/ Solution /

With the fully rugged, versatile Getac UX10 and additional accessories, Konrad Forsttechnik found the ideal, highly efficient complete solution: The tablet with Lind adapter has been easily integrated into the company's own docking station in the machine cabs and used as a control centre for data collection, documentation and subsequent transfer to customers. In addition, operating instructions and spare parts management can be provided via tablet and all data can be uploaded to the cloud to prevent data loss.

/ Advantages /

Relevant data can now be collected in real time on site, reports are easy to generate and can be forwarded to customers immediately. The result: faster processes, no delays, saving time and ensuring data integrity. "Thanks to this performance, we have been able to reduce costs while improving service quality and customer satisfaction," explains Florian Taupe, Purchasing at Konrad Forsttechnik. Thanks to its extremely robust design, the UX10 minimises device failure and maintenance costs, while its user-friendliness ensures high acceptance among employees – neither dirt nor gloves hinder work and thus productivity.

"Together with Getac, FF Company and PWA Electronics, we have created a future-proof solution that works smoothly even under extreme conditions. The quality of the devices and the price-performance ratio open up new options for us, such as entering markets that are more price-sensitive."

FLORIAN TAUPE

Purchasing Department Konrad Forsttechnik



Getac UX10 Fully Rugged Tablet

/ Challenge /

Founded in Preitenegg, Carinthia, in 1990 as an innovative family business, Konrad Forsttechnik GmbH's commitment to perfection has been and remains the driving force behind the development and production of machines for timber harvesting and forest maintenance: Woody, Highlander, Mounty and Liftliner are used worldwide, sometimes under extreme conditions. As a leading technology and market leader in the field of timber harvesting and cable crane technology, the company is committed to sustainability, resource conservation and environmental friendliness. In sensitive ecosystems, its technology protects forest soils and promotes natural regeneration.

Steep slopes and mountainous regions pose a particular challenge for technology and equipment. Machines and control systems must function reliably there – in diverse weather conditions and extreme temperatures ranging from -29°C to over +63°C, as well as in dusty, humid or highly vibrating environments.

Another complex task is the processing of large amounts of data. Wood dimensions such as diameter, length and taper must be accurately recorded and documented, and reports must then be generated in real time and sent to customers. In addition, device displays must be fully legible and operable in direct sunlight – a shortcoming of previous robust devices from another manufacturer.

/ Solution /

Konrad Forsttechnik already had rugged devices in use, but they did not offer the required performance and reliability. The Getac UX10 was the perfect answer to the challenges facing the company: it could be easily integrated into the vehicle

cabins and used as a central control and documentation unit, i.e. as an operations centre for documentation and reporting in the production process.

As a fully rugged tablet, the UX10 is certified to IP66 and MIL-STD 810H standards, making it dustproof, waterproof, vibration-resistant, shock-resistant and fully functional in a temperature range from -29°C to +63°C – ideal for working in extremely challenging environments.

It offers excellent readability even in bright sunlight, because of its 1000 nits LumiBond display and provides absolutely stable data connections via an integrated RJ-45 LAN connection (specially designed for network data transfer); RJ-45 supports frequencies up to 250 MHz, and in exceptional cases even up to 600 MHz.

Wi-Fi and RJ-45 also help ensure easy data transfer to the cloud, minimizing data loss and keeping reports and documentation available at all times. Noteworthy: In addition to data processing, the solution also allows access to digital operating instructions and spare parts catalogues, which simplifies and greatly accelerates machine maintenance and repair.

/ Advantages /

The Getac UX10 optimizes work processes and increases efficiency at Konrad Forsttechnik GmbH. Real-time data processing and reporting save time and money, and the excellent connectivity proves its worth – as evidenced by consistently high customer satisfaction.

The extremely robust, versatile Getac tablets have proven themselves in practice as a reliable complete solution: equipped with Lind adapters and connected to the company's own docking solutions, they guarantee stable operation in almost any situation, minimizing downtime and

thus reducing maintenance costs. Rugged design, temperature resistance and the LumiBond display, which is easy to read even in bright sunlight, also ensure a high level of satisfaction at Konrad Forsttechnik. In the long term, the high durability of the UX10 also reduces operating expenses.

The close cooperation between Getac, FF Company and PWA Electronics also ensures expert advice, seamless integration and reliable support at all times.

„Our machines have to work under the toughest conditions, and that's exactly what Getac's robust solutions do. As a specialist in timber harvesting on extremely steep slopes and rough terrain, Konrad has been relying on IT products for particularly demanding applications for years. Together with Getac and its cooperation partners, we have now created an innovative, comprehensive and future-proof complete solution that definitely meets our quality and sustainability requirements and takes them to a new level," says Florian Taupe, Purchasing Manager at Konrad Forsttechnik. This is also reflected in the steadily growing customer satisfaction. And, Taupe continues, "our efficiency is increasing because Getac solutions offer first-class quality and high reliability."

