

EMERGENCY SERVICES



RELIABLE IN AN EMERGENCY

THE PADERBORN FIRE DEPARTMENT RELIES ON THE RUGGED GETAC F110 TABLET FOR ITS OPERATIONS.

The Paderborn Fire Department relies on the rugged Getac F110 tablet for its operations. It is part of a modern communications centre on the command vehicle and can be used flexibly on site to help ensuring that everything runs smoothly in an emergency.

/ Challenge /

The Paderborn Fire Department needed a reliable mobile device that would work both in stand-alone mode and when stationary in their emergency vehicles. It was important that the tablet could withstand vibrations while driving and could be used flexibly between different vehicles and emergency teams. In addition, it had to be able to support Windows-based emergency management software to enable smooth emergency documentation and situation overview.

/ Solution /

With the support of Getac Platinum Partner Mettenmeier GmbH and after extensive testing, the Paderborn Fire Department opted for the rugged Getac F110 tablet. This device not only offers the necessary stability and performance for mobile use, but also supports the central applications as required. The tablets are installed in special Havis vehicle dockings and, thanks to their robust construction and reliability, enable smooth communication and documentation during operations – regardless of harsh outdoor conditions or vibrations while driving.

/ Benefits /

By using the Getac F110 tablet, the fire brigade benefits from a reliable, weatherproof and robust system that is ready for use at any time. The tablet supports the incident command in coordinating the forces on site and enables precise documentation of situation maps and reports. Especially in demanding scenarios, such as water rescue, the Getac F110 offers firefighters a stable and secure solution that works even under extreme conditions such as cold weather or rough terrain.

Quote: Paderborn Fire Department „We need robust and fail-safe hardware for emergency services.“

SEBASTIAN EWEN,
Fire Chief Sebastian Ewen, Paderborn Fire Department.



Getac F110 Fully Rugged Tablet

/ Challenge /

When the Paderborn Fire Department receives a 112 emergency call, everything falls into place. Equipped with every conceivable modern piece of firefighting technology, the emergency services rush to the scene of the emergency within minutes. The fleet currently includes two command vehicles, each with two screen-based communication workstations for medium-sized operations, and a truck with a staff workroom with four workstations for larger scenarios. In addition to a firewall, the sophisticated technology of the vehicles also includes rugged Getac tablets, which are used in special Havis docking stations.

The fire brigade's technical department is responsible for the planning, procurement, operation and maintenance of all firefighting technology. „We use special solutions that go beyond classic office equipment in normal office work,” reports Fire Chief Sebastian Ewen, who is responsible for information and communications technology as head of the department. „Above all, our peripherally used IT components must meet special requirements.”

/ Solution /

Specifically, the fire brigade was looking for a system that is just as reliable in self-sufficient mobile operation as it is as a central device on the vehicle. This also includes flexible vehicle changes for the responsible command assistants during operations. „Live testing of the Getac F110 has shown that the system offers the necessary flexibility and performance and that the devices are so secure and stable that there are no failures due to vibrations while driving,” says Sebastian Ewen. „When selecting the devices, the focus was also on the optimal shared use of the operations management and support software via a soft VPN, which requires a Windows-based system.”

Special Windows software with situation maps is used on the devices. The software is used for mission documentation, including incoming and outgoing messages, or for dividing missions

into sections, either by task or by geographical area. It documents which vehicles, equipment and emergency personnel were active in each subsection. The „situation map” module visualises the operation on the map and displays basic data such as the sewer network, the power supply network and hydrants. This data is embedded as WMS services and visually displayed in a layer. In addition to meeting the required Windows standard, the Getac F110 impressed with its combination of robustness, feel, performance and Havis docking stations for vehicle installation.

/ Benefits /

The reliability of the equipment is crucial, especially in special operations such as water rescue. An all-terrain vehicle is used to transport the fire brigade divers to the scene of the accident on the lake or river. On site, the responsible dive supervisor uses the rugged tablet to monitor breathing air and to document the filling pressure of the dive. A sketch is also made to record the diving pattern in the lake. „Since these operations can take place in any weather and at any time of the year, even in sub-zero temperatures, it is crucial that the tablets are ready for use,” says Sebastian Ewen, confirming the decision in favour of the selected system.



Image generated by AI for illustrative purposes.

