

PUBLIC SAFETY

BARCELONA FIREFIGHTERS

Barcelona's firefighters adopt Getac rugged solutions in order to speed up process and ensure maximum safety

/ Challenge /

Firefighters work can be dangerous and unpredictable. In Spain, where temperatures reach high levels, where wild fires are frequent and massively destructive, the firefighters missions are particularly perilous, which in the case of a rampant wild fire can quickly spread from dozens to several thousands hectares in the span of minutes.

/ Solution /

Getac was chosen specifically for its ability to not only provide a solid base product but also for the customization possibilities that Barcelona's firefighter's required. The F110 one of Getac's bestsellers, was chosen for its indisputably convenient in terms of size and weight but also because this tablet model can survives drops up until about 1.2 meters, can be used under the pouring rain and in intense heat (+60°C).

/ Benefits /

Our Partner Tempel, was able to propose the F110 because it was the perfect tablet equipped with windows10 that was able to host the client's software. Since first-responders heavily rely on IT tools while approaching ground zero in order to better pinpoint the location in a map and to shorten response times, an accurate GPS beam and permanent connection are crucial requirements, just like battery life. Getac tablets come with heavy duty hot-swappable batteries than can carry the personnel through their shift and onto the next one with no system reboots needed. Getac's industry-leading Bumper-to-Bumper warranty that covers even accidental damage is another valuable benefit that reduces costs drastically.

/ Firefighters of Barcelona /

"Before, we were heavily reliant on memory, the caller's indications and paper maps. This made the intervention a lot more difficult and could make us lose up to dozens of vital minutes trying to locate the caller and pinpointing entry access. Needless to say, equipment malfunctions were extremely frequent with previous, less rugged solutions, something that has drastically changed since we work with Getac hardware", Josep Ribon Duch of the Firefighters of Barcelona



F110
Fully Rugged Tablet

/ Challenge /

Up until recently, a firefighter's job and the chances of surviving a mission unharmed relied mostly on the firefighter's instincts and team coordination. However, in recent years and thanks to advances in technology, it has become possible to plot an intervention, calculate the danger involved and effectively communicate with the team on the field and back at the firehouse. However, the equipment needs to be able to withstand extreme temperatures, frequent drops and water damage on a daily basis, all the while remaining a reliable and constant companion to its operator. In the short timespan of a major emergency, no time can be lost to software reboots, battery swaps, GPS inaccuracy, connectivity issues or other frequent malfunctions.



/ Solution /

"Thanks to the F110's sturdiness, reliability and connectivity, it is now not only easier to plan an intervention, the odds of complications are also higher and easier to manage thanks to the possibility of real-time communications between the teams on site and the operations pilots back at the firehouse." Getac's solutions come with high-gain WWAN, WLAN and GPS roof-mounted antennas, which ensure that the team is traceable in real-time throughout the entire operation. Thanks to its powerful

processor, F110 tablet users' can be sure the device's processing speed will meet their expectations and that no time will be lost with reboots or any other operational delays. The 11.6 inch Lumibond screen allows them to easily read data both under intense sunlight as well as through heavy smoke and fog. The touchscreen can be operated with one's bare finger, wearing thick gloves, with a pen or even in the pouring rain. It can survive a very wide temperature range and won't break or malfunction from minor falls. The F110 is also built with two hot-swappable batteries for potentially infinite battery life. This means one of the two rechargeable batteries can be removed and replaced it with a charged battery without ever shutting down.

/ Benefits /

Barcelona's firefighters see in Getac tablets a powerful intervention ally because:

1. They can survive all kinds of harsh environments including, hot temperatures, humidity, trepidation and drops.
2. They can be operated with the firefighter's bare hands, thick gloves, a pen or even under the pouring rain and the screen remains readable under very bright lights or when smoke is present.
3. The high-speed processors ensure that no time is lost due to malfunction reboots or complications due to low storage and connection as well as GPS tracking are available at all times, even in remote areas.
4. Its Windows OS makes it easy to operate, the tablet is light and can be easily carried around using the right accessories and vehicle mounts.
5. All accidental damage is covered and Getac commits to collect, repair or replace and deliver the device within days, saving Barcelona Firefighter's time and money.

/ About the Brigade /



The Barcelona Firefighters Brigade's roots dig back into the early 19th Century and their commitment to public safety has earned them outstanding recognition over the years. Due to Southeastern Spain's hot climate and touristic appeal, massive wild fires and public safety threats such as terrorism are some of specific challenges their professional and volunteer personnel has to face on a regular basis. Barcelona's Firefighters and Getac, through their reseller Tempel, work together since 2019. Getac supplies the Firefighters with F110 tablets and all the accessories that go with them so they can be used on the go as well as inside a moving vehicle.

