

Public safety

/ Case Study /

Rugged Notebooks Can Take the Heat – Veiligheidsregio IJsselland Fire Department Choose Getac V100

/ Challenge /

Finding a data solution that gives Veiligheidsregio IJsselland fire department access to the most up-to-date maps and emergency service locations, all within the framework of budget and ease-of-implementation concerns.

/ Solution /

The fully rugged notebook equipped with 3G and GPS enable fire crews have easy, portable access to maps and emergency service information that doesn't crack under physical pressure.

/ Benefit /

Getac fully rugged convertible notebook V100 allows convenience and portability, whether on an emergency call, in the office, or a safety check site. Getac convertible notebook offers unmatched communication and convenience options, plus durability. Getac helps the fire departments entering information electronically which saved time and improved accuracy.

/ Veiligheidsregio IJsselland Fire Department /

Getac's fully rugged convertible notebook has helped the Veiligheidsregio IJsselland fire department upgrade their safety and response work. The V100 can go from office, to fire truck and to blaze site and hold their own in the face of heavy handling, high temperatures and soot. Getac fully rugged notebooks were easily integrated into the fire departments' computer systems, and will continue as an asset to the nation's emergency services.



/ Getac V100 /
Fully Rugged Convertible Notebook

/ Challenge /

The fire fighting profession is a dangerous and stressful one, and the up-to-date knowledge of streets, fire hydrants and emergency care centers is a must. Upper management realized the need to give their force every type of convenience in order for them to do their job better, but management also has to be concerned about budgets, as well as winning over other fire departments in the Netherlands in the hopes of creating a nation-wide, mobile data system.

Veiligheidsregio IJsselland fire department have long begun to realize the importance of switching from mainly paper and desktop computer systems to a mobile data system for data storage, mapping and emergency information. The question, however, was exactly what type of system would be used and how it could be implemented in a reasonably short amount of time.

The fire fighting teams themselves needed a data solution which is easy to learn and update, plus extremely portable. Any mobile devices would be needed to withstand the pressures of fire fighting missions, included being able to input data while wearing gloves, withstanding harsh temperature conditions, and everyday transport in a truck environment. Fast, reliable communication is needed in order to keep the fire fighters on the front line in touch with the police, emergency services and other municipal operations.



/ Solution /

The Veiligheidsregio IJsselland fire department needed standardized, fully rugged convertible notebook that could go from the office, to the truck, to inspection and on to emergency sites. Getac's V100 fully rugged notebook meets the demanding requirements of an office-to-outdoor work environment, and can withstand the quick rush out to a rescue site. Regardless of whether a fire breaks out during the day or night, the Getac touch-screen offer superb readability under any light.

Getac's V100 fully rugged convertible computer is light enough that they can be taken in and out of a vehicle dock with ease, a boon for both

firetrucks and smaller squad cars. The computer's sealed casings make it immune to any shock or vibrations that could occur during transportation, as well as protect it against water or fire extinguishing agents.

Since mobile connectivity is an important part of upgrading the fire departments' computing systems, Getac's V100 offer a choice of Bluetooth, WLAN, GPS, and 3G. Data can be input by keyboard (including while wearing gloves) or a digitizer stylus.



/ Benefit /

With Getac computers in hand, the Veiligheidsregio IJsselland fire crews can easily access municipal servers in order to obtain information such as how many occupants are in a building, the type of material the building is made of, and how many levels and types of fire and security equipment there are. Hospital locations and capacities can be checked, and a long battery life ensures that the notebooks will not quit under demanding do-or-die conditions.

If a firetruck needs to travel to an outlying community, they immediately have information about a rescue site in their truck at the very beginning. Roads can be mapped with ease, just like in a car's GPS system. Fire fighters in other areas can be notified beforehand if any back-up help is needed. Any pertinent information, such as water supplies, can be sent to vehicles on the road. An update in one of the municipal servers is immediately ready for firefighters via their Getac notebooks.



During building and property inspections, the fire department can easily and quickly make note of important items such as whether a fire hydrant is above or underground. Although this seems like an easy task, in the Netherlands,

as in many other communities, there is no national standard for fire hydrants. The once cumbersome task of keeping records of the placement and types of fire hydrants has now become quick and convenient. Larger areas where fire hydrants might not be so visible, for instance, on hospital grounds, can now be mapped with ease, including notes on whether the hydrant lies above or below the ground. Any changes in a building's structure and fire exits can be updated in construction records in real time.



The Veiligheidsregio IJsselland fire department now had an eye to integrate with Getac V100 fully rugged convertible notebook. They discovered how easy it is to exchange information with other crew members, as well as government organizations, since municipal data can be so handily linked together. Since the laptops are used with the same computing standard the fire department's already have, no special systems need to be set up, which helps keep budgets in check.



/ Veiligheidsregio IJsselland Fire Department /

The Netherland Veiligheidsregio IJsselland fire department has regional offices in: Zwolle, Deventer, Hardenberg, Raalte, Dalfsen, Zwartewaterland, Olst-Wijhe, Ommen, Staphorst, Kampen and Steenvijkerland. The fire department portrayed in this case study serve a combined population of over 500,000. In addition to the obvious tasks of fire fighting and rescuing lives, the regional office has various functions aimed at supporting the regions, including:

- Preparation of coordination in combating disasters and major accidents
- Warning the population and exploring dangerous
- Establishing and maintaining regional fire control rooms
- Providing personnel with equipment as part of provincial and inter-regional assistance