

Customer Case

The Vigili del Fuoco – Italian fire and rescue services



The Customer

The Vigili del Fuoco provides fire and rescue services throughout Italy. As part of the Ministry of the Interior, it is called on to provide safety for people, animals, and property. It ensures public safety for both fire and terror attacks.

The Challenges

Climate change has led to an increased fire threat in Italy. These intense fires are complex and pose safety risks to safety and recovery teams.

Communication is a critical component of fighting fires. It enables fast detection and is used to provide real-time information about changing wind patterns or burn rates that are used in the planning and deployment of fire suppression. After the fire is out, effective communication is needed while assessing damages. Firefighting often takes place in outlying areas without reliable communication technology. Smoke can also interfere with cellular signals or burn above-ground cellular towers, complicating communication efforts. First responders must stand ready to deploy anytime, anywhere. Their jobs demand access to robust and secure SATCOM service on land, at sea, or in the air at a moment's notice.

The Vigili del Fuoco needed an advanced mobile satellite communication solution that could overcome the challenges posed by fighting fires.

The Solution

Ovzon a mobile broadband satellite service company, together with their partner, Gomedia Satcom, partnered to create an effective SATCOM-as-a-Service solution that would meet the requirements of the Vigili del Fuoco. The Ovzon SATCOM-as-a-Service solution utilized On-the-Move terminals Ovzon Medium and Ovzon Mini and Ovzon's satellite network with the support of Gomedia's teleport in Catania, Italy. It is deployable in any operational environment, including at sea and in the air. The Ovzon Medium and the Ovzon Mini are ITAR-free and were able to seamlessly integrate into the customer's network. The solution allows the customer to gather large volumes of data and transfer it with ultra-low latency to personnel in mission control. Armed with data, commanders can make better life-saving decisions, manage widespread fires, and improve operational success for all firefighting missions.

The Results

We delivered a full SATCOM-as-a-Service solution that enabled the coordination of firefighter personnel, fire engines, and command centers. It supported increasingly large volumes of data generated by multiple sensors, resulting in an increase of more accurate information, and optimizing the decision-making process for a safer and more effective response. The customer reported that Ovzon's SATCOM-as-a-Service solution was an ideal alternative to address government users' most essential challenges – providing an end-to-end, anytime anywhere, communication solution that was seamless, affordable, and operationally available. The customer didn't have to invest in infrastructure and was able to access global connectivity when they needed it.

Ovzon

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