

# Travelling Safely Thanks to PTV xServer



## About CargoGuard



CargoGuard protects other firms' global supply chains across all multimodal interfaces and provides security solutions for almost all logistics tasks. Real-time monitoring of flows of goods reduces losses during transport, minimises the risk of theft and protects international transport chains from manipulation. The innovations and services of this leading provider are used in over 32 countries on every continent.

### SECURITY IN LOGISTICS?

Those who often send valuable and sensitive goods to be transported are happy to take advantage of the services offered by CargoGuard from Munich. The security service provider protects other firms' global supply chain across all multimodal interfaces and provides security solutions to various industries.

"Imagine the value of a cargo of the latest electronic entertainment equipment, such as large LCD screens, tablets or games consoles. That goes easily into the six-figure euro bracket", explains Dag Neumeuer, Managing Director at CargoGuard. There are many options for protecting the cargo and organising the transport in line with regulations. For example, CargoGuard has a safety container with a patented bolt mechanism. This automatically records all the times that the container is opened or closed and protects the transported goods against unauthorised access. Fixed or fastened hidden tracking modules are used. These monitor, amongst other things, door contacts, motion detectors and light sensors, and control safety locks using a PIN code. "Lorries often resemble travelling safes", claims Neumeuer. For secure transportation in the pharmaceutical area, however, you need to keep an eye on the temperature using sensor technology.

An elementary aspect when protecting any cargo is how to plan and display the routes on a map.

### MAP DISPLAY - ELEMENTARY FOR CARGO PROTECTION

"With the launch of our new web portal, we are making the most of the advantages offered to us by PTV xServer", Neumeuer points out. "We were looking for a solution that could plan routes in a professional way and was suitable for geofencing." Geofencing is the virtual "fencing" of an area or route. When the GPS signal of an object crosses this defined boundary, automated actions can be triggered.

"The fantastic thing was that the PTV Group, with its know-how, is more than able to keep up with the demands of freight transport", said Neumeuer. The PTV solution was also recognised for its easy integration into proprietary systems.

## ADVANTAGES OF PTV XSERVER

- No development of proprietary software tools
- Reliable standard technology
- Straightforward integration
- Extensive service and support
- Extensibility through modular design
- Scalability
- The latest maps and data
- Customised settings

Read more at [xserver.ptvgroup.com](https://xserver.ptvgroup.com)

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**Dag Neumeuer, Managing Director at CargoGuard**

The interaction between CargoGuard products and services allows real-time monitoring of all goods flows. For this reason, it has always been very important for CargoGuard to be able to run the servers in its own - secure - data centre. The PTV xServer is the best fit for this, both in terms of the server components and the map material.

## GUIDED NAVIGATION - THE FUTURE

“PTV meets our requirements!” concludes Neumeuer with satisfaction. „At present, the system has 500 units and over the course of the year we will be at least quadrupling this.”

The use of developer components at CargoGuard is still in its early days. Neumeuer already has his sights on further applications, for example, within guided navigation. This concerns a process by which the navigation device selects a secure route and does not guide merely by following the standard optimal route.