

# Internship - Host web application via VNC server on a PIS computer

## Description

A customer requires all subsuppliers to expose their applications through a common VNC-based interface as part of a new platform initiative. This internship involves setting up a VNC server on a Televic PIS (Passenger Information System) computer to remotely display a web application that runs in a browser on the same device. This is a setup that has not been implemented on our PIS hardware before.

In addition to the implementation, the internship includes researching and evaluating the performance impact of running both the VNC server and the web application on the same embedded device.

## About Televic Rail

With over 30 years of experience in designing, manufacturing and maintaining on-board communication and control systems, Televic Rail is a leading, trusted partner for railway operators and train builders worldwide.

Its Passenger Information Systems and Control Systems are high quality, tailor-made solutions that offer the flexibility, user-friendliness and stability that our clients ask for. Our various types of on-board control systems such as our bogie monitoring systems are innovative, yet reliable products designed specifically for the railway business.

Trains and trams all around the world are equipped with Televic Rail solutions, from New Zealand to Canada, from China to the United States, from India to Belgium, England and France.

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## Nature of the work

Level	Keywords	Type of work	Location	Num. of students
Bachelor, Master	Embedded Software, Software	Research: 50% Implementation: 50% Experimentation: 0%	Televic	1