

SETEL POWERLINE INSTALLATION CASE STUDY WISKA / WYKER DAMPFSCIFFS-REEDEREI

FEBRUARY 2017



“By using PowerLine technology, we were able to cover the distance from the office to the embarkation ramps, over 250m, without the expense and disruption of laying sub-surface cables.” WDR Rep



To trial a PowerLine IP backbone in support of 4 x CCTV Cameras in 4 Locations in Dagebüll, Germany.

Requirement

WDR requested Wiska to provide CCTV cameras at the port in Dagebüll, Germany. Due to the presence of the Ferry parking and waiting area, digging up tarmac was simply not possible. It was decided to use the Setel PowerLine IP backbone to support the IP Cameras over the existing Electrical Network.

Desired Standard

4 x CCTV Cameras all connected to a central Network Video Recorder in the Main Office, a distance of around 250m from the CCTV locations.

Method

With 1 Gateway configured as the Setel MASTER unit installed on the main Electrical Distribution Board, we were able to simply connect the 4 cameras in the desired locations of Pontoons 1,2 and 3 as well as the Passenger Terminal Waiting Area.

The connections were made using Gateways configured as SLAVE units plugged into electrical sockets at each camera location.

The NVR was located in the Main Office to view the camera feeds and connected via a CPE Unit.

Location Details

Dagebüll Ferry Port, North West Germany.

Resources Employed

1x Setel Gateway unit as **MASTER**

4x Setel Gateway units as **SLAVEs** for CCTV Cameras

1x Setel CPE unit to connect to **comms**

Installation Time – **3 hours**

Install Team – **One engineer**

Summary

Mission accomplished in the most flexible and cost effective way, using Setel PowerLine's suite of PowerLine products.

A CCTV Network Solution, Enabled not Cabled..

Please see our website for Data Sheets and more Case Studies or [contact us](#) for more details.