



OneView[®] Two-Way communication

- for Service lift

Purpose

The OneView[®] Two-way communication solution for Service lift – an emergency phone – is designed to maximize safety for users of the Service lift. A two-way communication device is a simple way for turbine owners and managers to reduce the risk of service lift entrapment injuries for technicians and other persons using the Service lift.

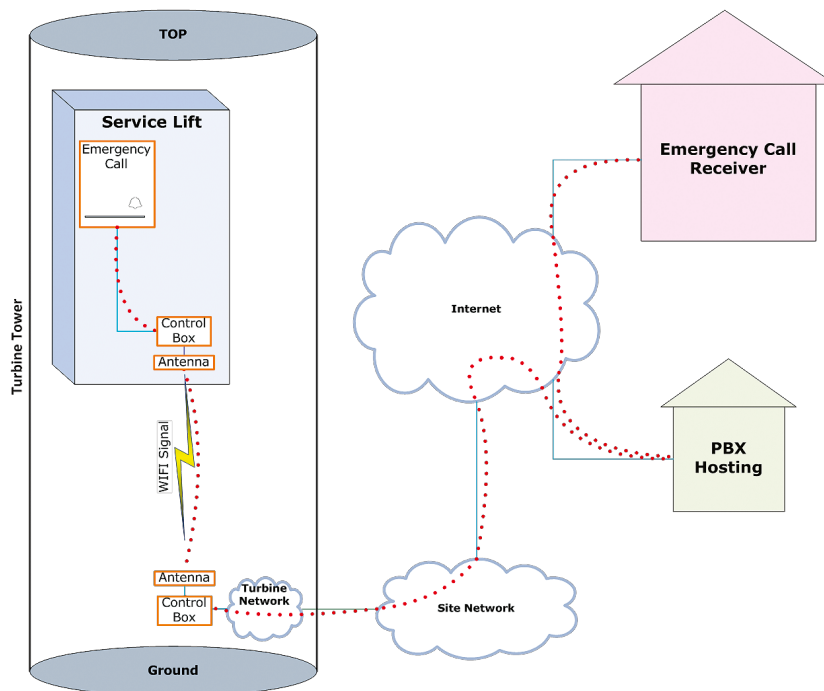
Description

A two-way communication solution that works from inside a wind turbine and is able to communicate with the world outside, needs at least to overcome the following obstacles to be a reliable solution:

- The tower construction/material and the geographical location of the turbines will make GSM (mobile) communication unstable and inadequate
- In approx. 95% of all turbines there is no Wi-Fi or Ethernet communication to and from the Service lift to the existing turbine communication infrastructure

- The interior of a turbine tower is a harsh environment and the solution needs to be easy to install and to function over a very long period of time with no or very limited maintenance costs.

SCADA International's solution for Two-way communication for Service lifts establishes a communication infrastructure from the Service lift that takes the Service lift setup into account and reuses the existing internet turbine communication infrastructure for getting the signals out of the tower.



SOFTWARE SOLUTIONS



HARDWARE SOLUTIONS



CONSULTING



INSTALLATION AND COMMISSIONING



VALUE ADDING SERVICES

Features

- VOIP phone mounted in the lift
- A point to point Wi-Fi communication between lift and bottom of tower
- Ethernet connection and the ability to call an outside service number

Optional features

- Access to centralized PBX (telephone central) and thereby the official phone network
- If 230V ac not available (in bottom and in lift) a transformer can be added
- UPS for power backup can be installed

Benefits

- Maximize safety for users of the Service lift
- Easy to install and low installation costs
- Low or no maintenance costs
- High temperature resistance: -40 to +70 degrees Celsius.



We share your passion for wind

Since its foundation in 2006, SCADA International has grown to be a leading solution provider within the global wind industry. With an extensive track record and deep roots in the Danish wind heritage our services span the entire value chain including SCADA systems, SCADA application solutions, Park Network Solutions and Energy Power Control.

Headquartered in Denmark, SCADA International employs close to 100 wind and SCADA specialists at offices in Germany, Poland, Ukraine, United Kingdom and USA. The company is certified according to ISO 9001, ISO 14001 and OHSAS 18001.

Why our customers choose SCADA International

An increasing number of companies in the wind sector in Europe and North America choose SCADA International as their partner when it comes to wind farm systems and SCADA installation, surveillance, support and maintenance.

When choosing SCADA International you get solutions that are:

- Made for the wind sector
- Customized
- Scalable
- Open
- Reliable
- And support your business model

Company references

- Aldesa Nowa Energia
- Boreas Energie
- Centrica Renewables Energy
- DONG Energy
- E.ON
- EDF Energies Nouvelles
- Enel
- Energia Renewables
- Eneria
- ESB International
- Eurowind Energy
- GE Wind Energy
- Nexus Energie
- Nordex
- Ostwind
- PGE Energia Natury
- RegEnPro
- ScottishPower
- SEMCO Maritime
- Servnion
- Siemens
- STEAG New Energies
- Suzlon Energy
- TransAlta Corporation
- Vestas
- Volkswind
- WKN AG

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