



# ORION

The Universal SCADA Server

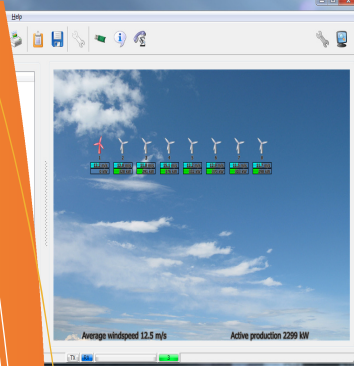
We specialize  
in SCADA  
software for  
Wind turbines

Access to a wide range of turbine types:

- Nordtank
- NEG-Micon
- Micon
- Vestas
- Wind World
- Wincon
- HAG
- Jacobs
- Bonus / Siemens
- Repower
- DeWind
- Fuhrländer
- Nordex
- Tacke
- SüdWind
- FDV
- DanWind
- Orbital
- Lagerwey

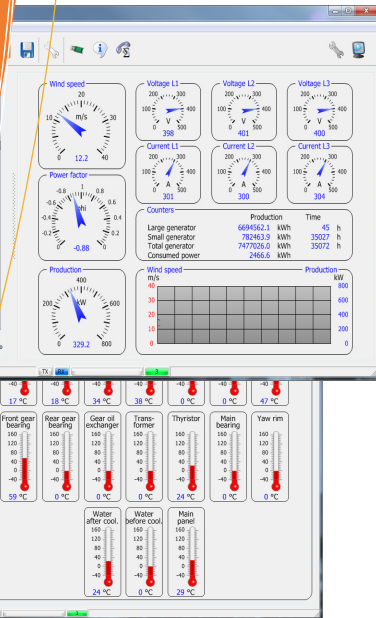
And many more

Please contact us if your turbine is not on the list.



### DIRECT ACCESS VIA ANDROMEDA TO IP BASED TURBINES

Even though the Orion Server allow the customer to receive alarm calls via SMS and E-Mails, is it also possible to access the turbines via Andromeda. This allows the owner or service providers to have full control over the turbines directly over IP. The Alarm Center also allows for multiple users to access the same turbines simultaneously .



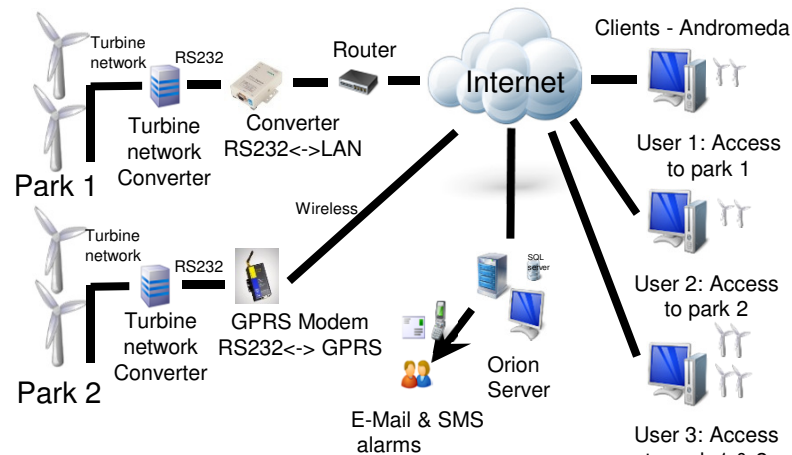
# Technology at work for you

## MONITOR YOUR WIND TURBINES 24/7

The Orion Server monitor and receive alarms from IP based wind turbines. It is designed around an SQL server that stores all alarms and collected data. Alarms can be forwarded either manually or automatically to individual users .

The Orion Server collects data for further data mining and reporting using the report generator where custom SQL queries can be designed.

The SCADA server may be located on site or in a central office depending on communication access to the turbines. This means multiple turbines regardless of location may be monitored by one SCADA server. By means of an IP connection single turbines or small clusters of turbines are continuously monitored by a SCADA Server which could be located in the service office or similar.

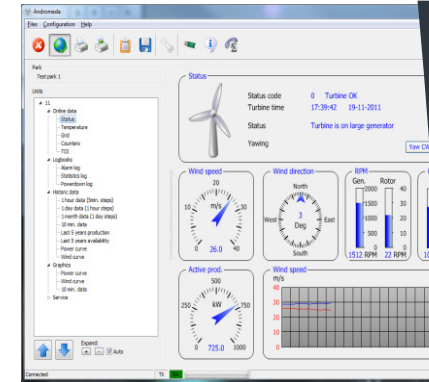


# Flexible solutions for your business needs

## LICENSE BASED SYSTEM, CUSTOMIZED FOR YOUR NEEDS

The Orion Server can be purchased with one or more protocols for different turbine manufactures and type.

Each protocol includes 25 turbines and can be extended as needed.



### KEY FEATURES

- SQL server based
- Multi user system
- Supports a wide range of turbine types
- Data collection:
  - Logbook
  - Production
  - Historical data (10min)
  - Etc.
- Park configuration
- Individual user configuration
- Multiple remote access via Andromeda
- Automated E-Mail service
- Automated SMS service
- Report generator
- MS Windows platform
  - 32/64 bit compatible

### Connection

The Orion server is based on IP connections to the wind turbines

Dialup turbines are checked on a daily basis.

We can supply a wide range of components for land based or GPRS based IP connections



### 24/7 monitoring

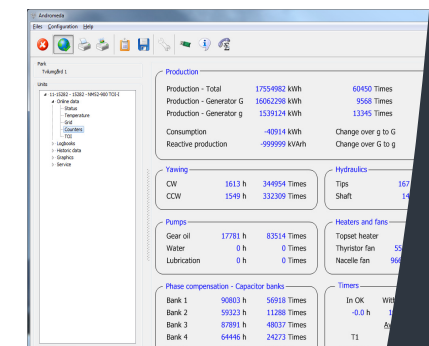
The Orion server solution monitors the turbines 24/7 and reports all alarms or loss of connection immediately via SMS or E-Mail



### Platform support

Orion and Andromeda can run on a wide range of windows operating systems starting from Windows XP to Windows 8.

It supports both 32 and 64 bit platforms



# ORION SERVER

## Prices:

Ask for a price. We will customize a solution for your specific needs

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