



Press release:

The wind turbine aftermarket: FT ultrasonic wind sensors to be retrofitted to ageing wind turbines

Spica Technology signs agreement with FT Technologies and becomes FT Integration Partner.

Spica Technology is developing software and electronics that allow the ultrasonic high-performance FT wind sensor to be retrofitted to existing ageing wind turbines without changing the software of the turbine.

Upgrading turbines with FT sensors enables owners of older turbines to increase turbine availability and AEP due to improved wind speed and wind direction data.

“The FT sensor is the best wind sensor on the market for our retrofit control systems. This is why I believe that we will be able to deliver a safe and reliable retrofit solution for the customers to upgrade their turbines with FT ultrasonic sensors,” says Benny Thomsen, CEO of Spica Technology and continues:

We want to give the turbines the best conditions to increase power production, and

I believe that the FT sensor can contribute to this.”

The largest wind sensor supplier

FT Technologies specialises in the design and production of ultrasonic wind sensors, also known as anemometers or air-flow sensors. FT Technologies has developed its own Acoustic Resonance Technology (Acu-Res) and, since its entry to the wind energy market in 2000, FT Technologies has achieved a position as the leading supplier of Turbine Control Wind Sensors.

Several of the major global turbine suppliers fit the FT sensor as standard on new turbines. Now, it is time for the existing ageing wind turbines to gain the benefits of the technology and optimise the output by upgrading with FT sensors.

“We are very excited to be working with Spica Technology and are confident that they can develop a high-quality solution retrofit-

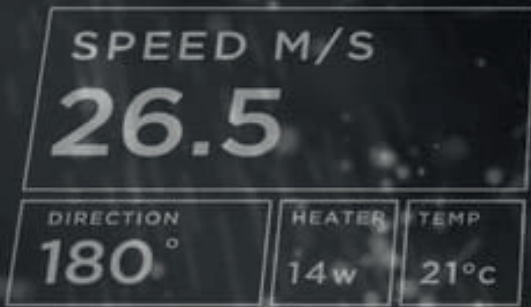
package for end-users that will bring the benefits of the FT wind sensor to existing ageing turbines,” says Brian Pedersen, Account Director at FT Technologies Ltd.

Facts about FT ultrasonic sensor

The FT wind sensor comes in a range of physical mounting options and are available with either a digital or analogue interface.

- Accurate, consistent wind speed and direction data.
- Data availability of more than 99.9%.
- No moving parts and built-in heaters.
- Works in the harshest of climates.
- Maintenance-free.

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About FT Technologies Ltd.

FT Technologies Ltd. specialises in the design and manufacturing of high performance Acoustic Resonance wind sensors.

All FT sensors incorporate FT's unique Acu-Res® technology which enables the sensors to deliver reliable wind speed and direction data from compact, lightweight sensors.

Founded in 1981, FT Technologies began selling wind sensors to the wind turbine industry in 2002 and are now the industry's largest supplier with 11 of the world's top 15 turbine manufacturers among its customers.

The FT sensor has been installed all over the world in a range of applications from turbines, weather stations, marine buoys, on top of some of the world's tallest buildings and along railways.

About Spica Technology ApS

Spica Technology ApS is an international engineering company dedicated to the wind power industry.

Since 1997, Spica Technology has developed, produced and installed innovative software, electronics and electrical equipment in new and existing turbines - both onshore and offshore. Specialised in control systems, Spica Technology has delivered to customers around the world in the wind power industry.

With many years in the industry, Spica Technology holds considerable experience and know-how which has given a unique position as a manufacturer of customised solutions for wind power OEMs, service companies, and consultant/engineering companies on a worldwide scale - taking on projects from small one-day projects to large-scale engineering projects.

Learn about Spica Retrofit Solutions and the FT sensor

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Or visit Spica Technology

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