

# SWP Turbine Interfaces

Mita-Teknik offers the first real alternative for connecting, servicing and retrieving data from 2.3 and 3.6 MW wind turbines equipped with WTC3 controllers.

## Be Independent

*“The data presented from the turbine assets should be the ownership of the end-users, but the access to the data is currently restricted and not entirely trusted”.* Is this your perception? Then a solution is now present to ensure that you will be independent and have much better access to key operational data as well as service tools for a majority of the SWP turbines delivered.

Mita-Teknik launches the newest version of multi brand SCADA solution - MiScout 5. The new release features many improvements, including full support of SWP turbines equipped with the WTC3 controller and STiC box. With the MiScout 5 direct- and unfiltered data will be available and you are able to work with these data directly in the system or interact with others systems, like ERP, Historians, Service optimization and Azure portals, via the large list of standard or customized interfaces such as Web-Services, OPC DA, OPC XML/DA, Modbus etc.

## Remote Hand Terminal Enabled

Apart from full data access, MiScout 5 also offers a complete and unrestricted virtualized version of the well-known “Hand Terminal”, used by larger companies to service and maintain their wind parks. The virtual hand terminal offers the same functionality as the physical connected one, but can now be fully operated both locally and remotely to e.g. stop/start, change parameters and other advanced functions. With the remote possibilities onsite travel, downtime and personnel can be greatly reduced.



## Key Features:

- › Unfiltered access to all live-, historical- and fast log data.
- › Access to all alarms and events on the turbine.
- › Unlimited number of remote hand terminals onsite or remote, bringing options like stop/start of turbines, remote reset of alarms and setting of parameters.
- › View parameters that varies from default.

## System Requirements

- › Local or cloud based stand-alone or virtualized server(s).
- › Access to server via Windows Client (RDP), web browser or via Android and Apple devices.
- › Access to user name and password for the STiC.
- › Installation on the same sub-net as the controllers in order to use write functionalities. The remote hand terminal has no such restrictions.
- › Health and safety procedures must be in place and enforced prior using the remote virtual hand terminal.

## Future Development

We are continuously working on developing state-of-the-art solutions that brings value for our customers. Going forward, we will also bring to the market:

- › Support for Siemens 1.3 and 2.3 MW turbines that utilizes a traditional iBox.
- › New front-end user interface designed in cooperation with leading players in the wind industry.
- › Full level 1 & 2 support for multiple brands of turbines.

# MiScout™

## SCADA 5

### Complete SCADA Solution

MiScout is a SCADA solution designed to increase competitiveness and revenue by applying features that effectively optimize costs and improve turbine availability. MiScout 5 is an open, proven, reliable and cost effective solution designed to meet the rising demands in the wind industry, such as data security and analysis, predictive maintenance, forecasting and overall cost optimization.

The solution is available in two versions; Cloud and Enterprise each designed to meet the demands from different setups, utilities, service providers, OEMs and owners.



Built on experience and our successful predecessors, MiScout 5 provides you with the analytical, predictive maintenance and forecasting tools to effectively optimize the performance of the wind farm. The user interaction is redesigned together with our closest partners to ensure a simple and intuitive web interface, that provides all the right tools and functionalities needed.

#### Increased Productivity:

- › Built by the leading experts since 1981.
- › Designed in close cooperation with industry leading players.
- › High flexibility and modular built-up.
- › Most supported WTG types in the market.
- › Intuitive and common task based user interface.
- › Easy interaction with e.g. ERP and database systems.
- › Forecasting of weather, smart production overview.
- › Service planning and task distribution.
- › High IT security.
- › 5 years interest free payment plan available.

### MiScout Hosted Options

Depending of your IT strategy you can choose MiScout as a hosted solution or host the solution yourself. The customer-hosted solution is ideal for customers with large setups that require complete control, and therefore, need the full SCADA system installed on their local/cloud based server. This solution offers the utmost in flexibility and user-customization. Having Mita-Teknik host the solution means that Mita-Teknik provides access to the SCADA system through the Cloud. This solution is well-suited for customers with an outsourcing strategy or for smaller setups, who value cost-efficiency over in-depth surveillance.

We want to ensure that our customers get the highest possible ROI when investing in our solutions, and with MiScout 5 we provide one of the most powerful tools on the market.