**MicroSCADA Pro**  
**SYS600 Substation Automation Engineering**

The aim of the course is to introduce the participants to basic functionality and engineering workflow of MicroSCADA Pro SYS600 in Substation Automation systems.

**Objectives**

After this course the participant will be able to:
- Describe the main features and functions of SYS600 control system
- Find and use the needed engineering tools
- Know the engineering workflow of SYS600 for Substation Automation
- Set up the IEC 61850 communication in SYS600

**Participant profile**

Consultants and system integrators focusing on Substation Automation business.  
Technical personnel who wants to get familiar with MicroSCADA Pro SYS600 engineering process.  
Sales engineers to get an overview of MicroSCADA Pro flexibility and engineering process.

**Prerequisites**

Engineering degree, technical college qualification or equivalent.  
Basic knowledge of substation automation and computer based data processing.

**Topics**

- SYS600 Installation
- IEC 61850 Communication configuration
- Process database handling
- HMI with Monitor Pro graphics, including dynamic busbar coloring
- Measurement trends and displays
- Gateway configuration with IEC 60870-5-104
- Redundancy (Hot Stand-by) configuration
- User Account Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>P301</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration</strong></td>
<td>3,5 days</td>
</tr>
<tr>
<td><strong>Course Fee</strong></td>
<td>1750 EUR</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>English</td>
</tr>
<tr>
<td><strong>Enquiries</strong></td>
<td><a href="mailto:Vaasa.ABBuniversity@fi.abb.com">Vaasa.ABBuniversity@fi.abb.com</a></td>
</tr>
</tbody>
</table>
| **Registration** | Via link below  