Pre-configured RTU520
Reduces commissioning time
RTU520 together with the newly released software provides a ground breaking innovation in distribution automation for power grids.

The solution answers to the challenge of having a large number of RTUs with minimal variations. How to handle the minimal variations cost efficiently?

Fast and easy configuration can now be done in two steps with the pre-engineered solution:

1. Experienced engineer creates a typical configuration and defines the variables.
2. Commissioning personnel changes only some plant-specific parameters via web browser in a user specific view.

This innovation radically changes the workflow of traditional distribution automation system engineering to minimize commissioning time on site, as commissioning personnel do not need to be trained or experienced with the RTU.

Your benefits:
- Store configuration including logic directly on a SD card
- Easy handling for installation personal
- Documentation of site specific parameter changes included
- Foolproof engineering process
- Use installation personal for final parameter setting
- Tailored project specific solution

Parameter change in 2 minutes with the new RTU520 engineering approach.
The Situation
Big engineering efforts due to a large number of similar RTUs with minimal variation.

The Problem
How to handle engineering work easily and save costs in engineering?

The Solution
Configuration is done once in RTUtil and can be replicated as often as required. The parametrization can easily be done on site with the user friendly web server.

The Benefits
- Clear split between engineering and parameter settings
- Simple adaption of typical solution to local conditions without special know-how
- Reduces testing effort and required footprint
Distribution automation product for power grids

Interface with your SCADA to obtain a complete understanding of the status of your grid on a distribution level with RTU520. Allowing for the simple integration of renewables into your existing networks. Low power consumption saves costs for uninterruptible power supply and makes your installation greener. Highly customizable design enables the adaptation of input and output modules based on your application requirements.

Your benefits
- Efficient footprint allows to fit the RTU520 into small control cabinets
- Intuitive handling allows faster project execution
- User friendly design enables your employees to work fast and efficient with the products
- Secure communication in public networks saves time and money and fulfills highest cyber security standards
- Customizable product solution adapts fast and simple to changing requirements

---

**RTU520 APPLICATIONS**

<table>
<thead>
<tr>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLE-TOP SWITCH MONITORING AND CONTROL</td>
</tr>
<tr>
<td>RING MAIN UNIT (RMU) MONITORING AND CONTROL</td>
</tr>
<tr>
<td>SELF HEALING NETWORK (FDIR)</td>
</tr>
<tr>
<td>VOLT/VAR CONTROL</td>
</tr>
<tr>
<td>CAPACITOR BANK CONTROL</td>
</tr>
<tr>
<td>OIL AND GAS APPLICATIONS</td>
</tr>
<tr>
<td>MONITORING AND CONTROL FOR WATER APPLICATIONS</td>
</tr>
</tbody>
</table>

---

**Contact:**

ABB AG
Power Grids Division
P.O. Box 10 03 51
68128 Mannheim, Germany
rtu-sales-support@de.abb.com

ABB Inc.
Power Grids Grid Automation
1021 Main Campus Drive
Raleigh, NC 27606, U.S.A.
SAPproduct.service@us.abb.com

[www.abb.com/remote-terminal-units](http://www.abb.com/remote-terminal-units)