ABB Ability™ Backup Management for electrical systems - Data Care
Data-sharing for protection relays

Did you know that valuable technical information on your protection relays can be made available and shared 24/7 via a Web-based service for you and your partners?

Convenient and easy data-sharing and backup
ABB’s advanced, Web-based data-sharing and backup service – Data Care – allows convenient sharing of technical information on protection and control relays, throughout their entire life cycle. Relay configuration files, disturbance recordings, technical solutions, line diagrams and various related documents are easily accessible online, securely stored in a structured storage space.

Safe and secure storage space
ABB Ability™ Backup Management for electrical systems – Data Care complies with ABB’s strict security policies, procedures and guidelines. To ensure an optimal level of cyber security and safeguard the technical information of your protection relays, ABB runs both regular and irregular cyber security tests and makes regular server backups. As the cloud solution has been specifically developed for ABB and its customers, information on server location and security policy is also available.

Benefits
- Easy access to technical information on your protection relays with online storage space
- Efficient sharing of technical information among employees, subcontractors and service providers
- Easy preventive maintenance planning with all relevant technical information stored in one place
- Convenient sharing of disturbance recordings with ABB experts for in-depth fault analysis
- Easy uploading of up-to-date relay data from the storage space to the protection relay upon return from repair
We care for your data - with increased operational efficiency as an end result

In Data Care, user accounts are created and user rights defined and granted by your own administrator. With the right employees and subcontractors having access, the relay data can be promptly stored and conveniently shared anytime. Traveling to sites and substations to get up-to-date relay data can therefore often be avoided. This makes day-to-day operation of the relay smooth and cost-efficient.

Data Care also offers a convenient platform for facilitating repair services. Upon return from repair, up-to-date relay data can be easily uploaded from the storage space to the protection relay. The disturbance recordings can be conveniently shared with ABB’s protection relay experts for in-depth analyses to determine the cause of a fault.

ABB’s longtime experience and in-depth knowledge ensure a safe, reliable and cost-effective cloud service. With high-level cyber security being a hallmark of ABB, Data Care is based on company information security policies, procedures and guidelines.

<table>
<thead>
<tr>
<th><strong>VALUE COMPARISON</strong></th>
<th><strong>Data Care</strong></th>
<th><strong>Commercial cloud service</strong></th>
<th><strong>Company intra/shared folder</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>User account ownership</strong></td>
<td>Customer</td>
<td>Commercial service provider</td>
<td>Customer</td>
</tr>
<tr>
<td><strong>Granting of user rights</strong></td>
<td>Customer</td>
<td>Commercial service provider</td>
<td>Customer, limited access for ABB and subcontractors</td>
</tr>
<tr>
<td><strong>ABB’s relay expertise</strong></td>
<td>Available</td>
<td>Not available</td>
<td>Limited availability</td>
</tr>
<tr>
<td><strong>Development of data analytics</strong></td>
<td>In cooperation with customer</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Development of service and relay connectivity</strong></td>
<td>On ABB’s development roadmap</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Server location and security policies</strong></td>
<td>Information available, ABB’s private cloud</td>
<td>Not available</td>
<td>Available</td>
</tr>
<tr>
<td><strong>Business continuity risk</strong></td>
<td>ABB’s long and solid business history and brand continuity</td>
<td>Not known (within the field of protection and control technology)</td>
<td>Not known</td>
</tr>
<tr>
<td><strong>Expertise in interpretation of relay data</strong></td>
<td>ABB’s long-time experience and expertise</td>
<td>Not available</td>
<td>Limited to own installed base</td>
</tr>
</tbody>
</table>

**Features**

- Sharing of files with service providers by granting them individual access rights on substation level
- Possibility for authorized users to freely upload technical information files into pre-determined nodes in the structure and download them
- Graphical structure created, tailored and maintained by your administrator according to the service contract for easy data management
- Automatic transfer of binaries for specific ABB protection relays via PCM600 v. 2.5 or later
- Possibility to set e-mail notifications for periodical testing and preventive maintenance according to your choice
- Automatic activity reports for your administrator on a monthly basis

**For more information, please contact:**