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?

—
01 Data Care makes data-sharing easy in a complex power network.

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

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

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.

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:

—
We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

1MRS757921 C ©ABB 2019