

AutoChart Data Management Software

From Pipeline to Online



Online multi-user access at anytime, anywhere

- requires only a PC with Internet connection
- up to 50 flowmeters can be managed

Instant tabular or graphical information (individual meters or overlaid traces)

- comprehensive data analysis

No loss of historical information

- all data sent from the flow meters is stored on an ABB server

Data management and analysis software

- no need to purchase separate expensive software; all can be done over the Internet

DMA meter facility

- this software is ideal for Leakage, Non-recovered Water and Revenue applications
- in-depth analysis at the touch of a key

Easy-to-use data export function

- export data for further analysis

ABB AutoChart

ABB AutoChart is a web-based presentation system that enables data from equipment such as flow and pressure sensors to be viewed and analyzed quickly and easily.

The system integrates with the latest ABB Explorer Transmitter fitted with a GSM mobile telephone. The transmitter sends information via SMS text messages to the ABB AutoChart portal where the user can view data over the Internet.

Data is maintained and stored by ABB so the user does not need to purchase expensive hardware and software to use this facility.

ABB AutoChart contains easy-to-use data analysis tools and several different data representation methods. These enable the user to interpret the data efficiently according to their needs.

- Data handling and interrogation software that integrates with the outputs from the ABB AquaMaster SMS.
- Powerful Web-based graphical and data management tool.
- No need for the customer to purchase and install additional expensive server software.

No Loss of Historical Data

Storage redundancy is built into the system with the ABB AutoChart database supported by the ABB AquaMaster data loggers installed on each individual meter.

Data storage on the ABB AutoChart database begins as soon as the meter is commissioned on the system. The unique **data request** facility also enables data to be recovered from meters that have been logging data prior to connection with ABB AutoChart.

Data can also be downloaded and saved (in either .xls or .csv file formats).

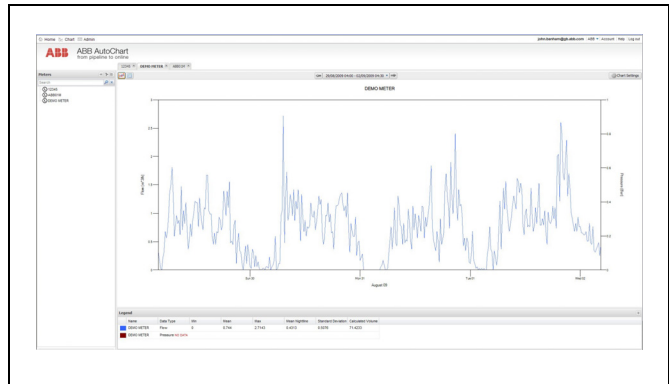
Comprehensive Data Management

ABB AutoChart has many useful and powerful features providing the user with an accurate and informed data management tool.

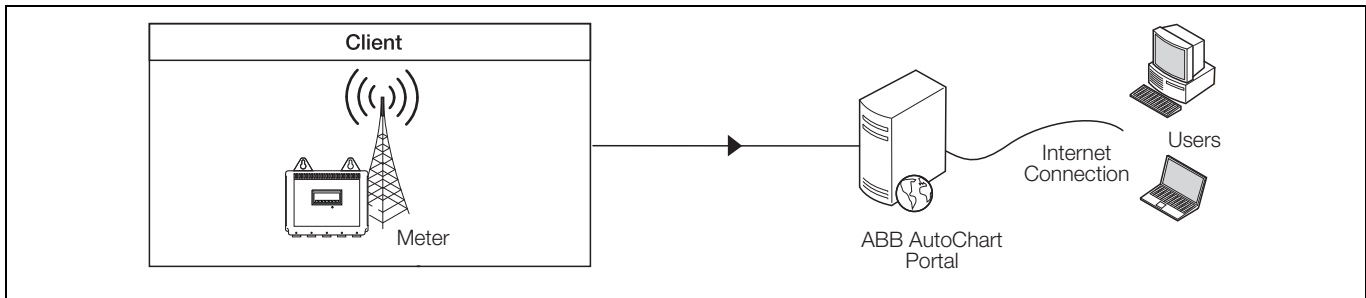
These features have been developed for users who need to see and review their data easily. For enhanced data management, the user has the option to download the data for quick and efficient transfer. It also enables the user to do further offline analysis with their own data manipulating software.

AutoChart features include:

- advanced charting capabilities
- data analysis functions
- data export functions
- multiple tabs (one for each meter)
- multiple meter traces displayed on one chart
- multi language
- meter data alarms
- user account administration
- meter administration and networking



Advanced Data Analysis

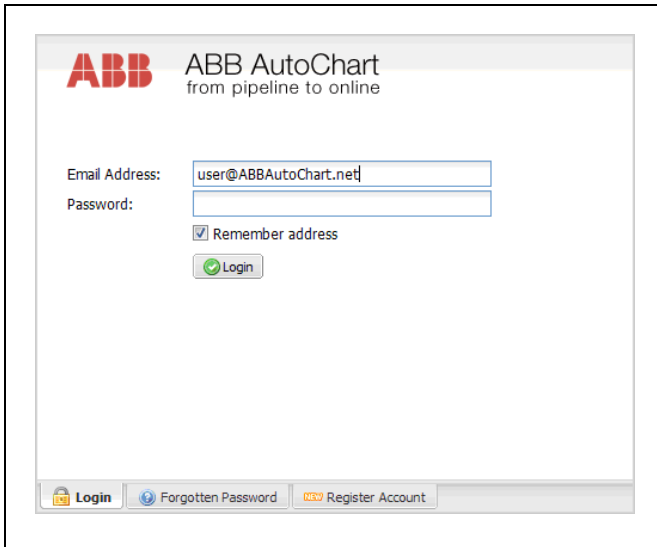


AquaMaster SMS + ABB AutoChart Access Server Software

Secure Multi User Access

ABB AutoChart requires an email address and password, providing high security access to authorized users only. Once the user has purchased an ABB AutoChart license and has confirmed their registration, ABB grant access for the user to log into the AutoChart website (www.abbautochart.net).

Each user has the ability to change their password once registered on the system. Login and security support is provided by ABB ensuring easy, but secure, access and usability of the system.



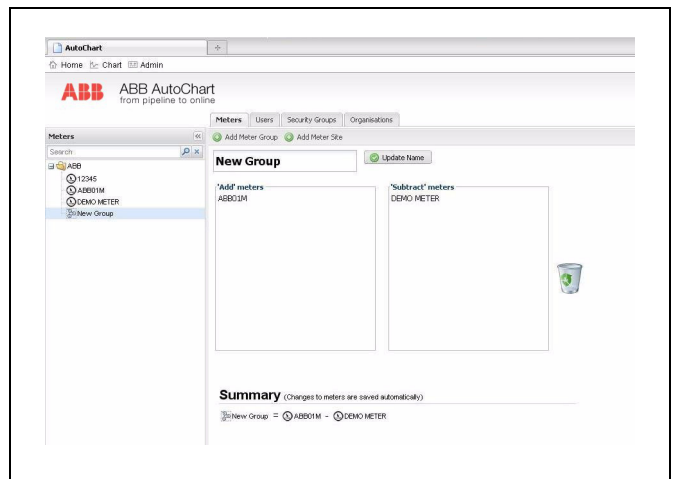
Multi-user Account Management

DMA Facility

ABB AutoChart enables the user to group meters so that a network of meters or specific sensor arrangement can be monitored and analyzed. This has proved a vital tool in identifying leakage and unauthorized usage in certain systems.

The DMA Meter facility enables meters to be added or subtracted from a group of meters, for example within a water network system. This provides instant demand management information for a metered area.

A nightline view can be selected to present data from the flow meter at the quietest period of the day. This feature makes identifying leakages much easier.



Meter Grouping and Networking

Minimum PC Requirements

- Windows Vista, NT, 98 or 2000
- Internet connection (broadband speed 500 kbs min.)
- Internet Explorer 7, Safari 3.2, Firefox 3 (or similar/newer)

Ordering Information

Licences

- 1 Year – MMGLIC-AC1
- 3 Year – MMGLIC-AC3
- 5 Year – MMGLIC-AC5

Transmitter

- AquaMaster Explorer ABB AutoChart enabled – AMEBC200

Additional Flowmeters

- For networks of >50 flowmeters, contact ABB for options available

Contact us

ABB Limited

Process Automation

Oldends Lane
Stonehouse
Gloucestershire GL10 3TA
UK

Tel: +44 1453 826 661

Fax: +44 1453 829 671

ABB Inc.

Process Automation

125 E. County Line Road
Warminster
PA 18974
USA

Tel: +1 215 674 6000

Fax: +1 215 674 7183

www.abb.com

Note

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.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents in whole or in parts – is forbidden without prior written consent of ABB.

Copyright© 2011 ABB

All rights reserved

3KXF071301R1001

Microsoft, Windows, Vista, NT98, NT2000 and Internet Explorer 7 are registered trademarks of Microsoft Corporation in the United States and/or other countries

Firefox 3 is a registered trademark of the Mozilla Foundation

Safari 3.2 is a registered trademark of Apple Inc, registered in the U.S. and other countries