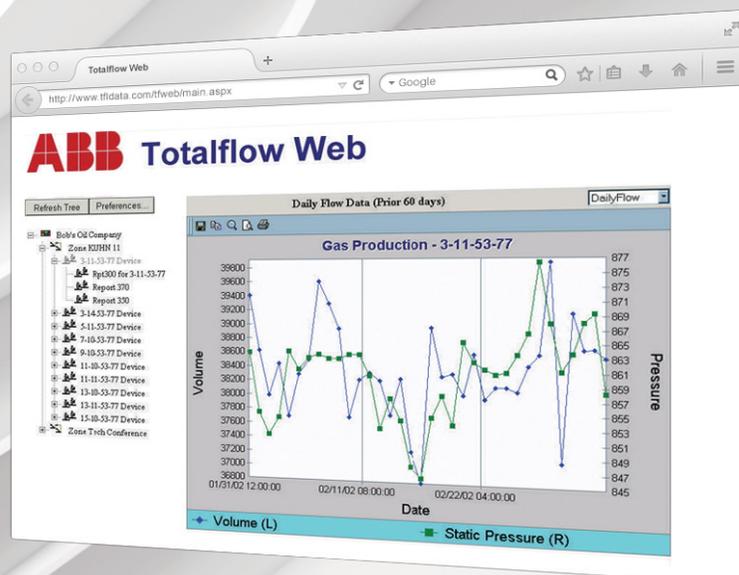


ABB MEASUREMENT & ANALYTICS | DATA SHEET

WebCCU

System software products



Description

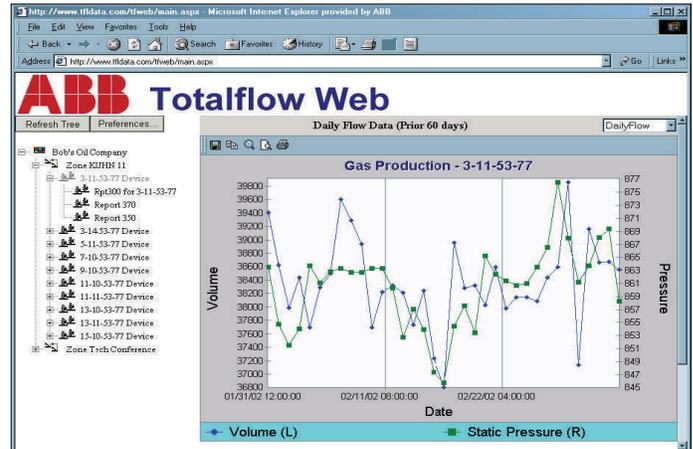
WebCCU is a software package that acquires data from a WinCCU database and displays it in a Web Browser to authorized users. WebCCU provides data across a corporate network to users within an organization or, if desired, the information can be provided over the Internet. Information can come from the long-term database, from current information, or from trend files stored at the RTU or Flow Computer.

Standard displays are organized around a tree view menu and includes tabular, trend, and Report formats. Report outputs include Excel, Pdf, HTML, and printer formats.

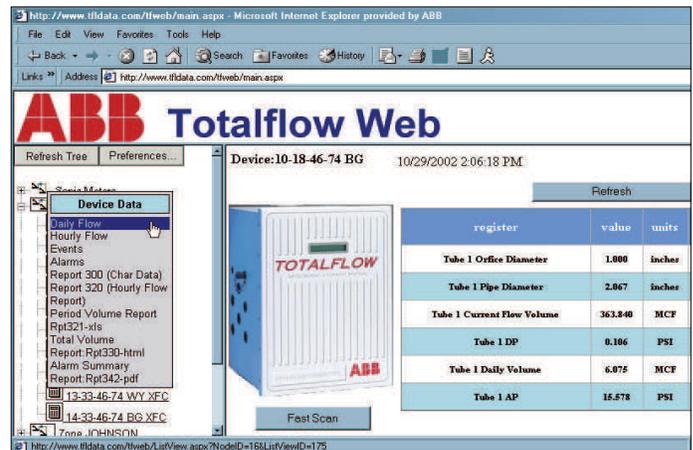
Features

Display data from any Totalflow Device, including:

- Flow Computers
- Remote Units (RTUs)
- Btu Transmitters
- Level Master Tank Gauges
- Chromatographs
- The package uses the WinCCU ID information to configure the displays, thus simplifying setup and maintenance.
- WinCCU grouping is used to organize the tree view.
- Integrated WinCCU reporting module. Allows for centralized viewing of WinCCU data in the familiar WinCCU reports, in multiple formats. (PDF, XLS, HTML, TXT)
- Screen Displays and WinCCU Reports that are available include:
 - Group Summaries
 - Daily Flow Display and Trend
 - Hourly Flow Display and Trend
 - Alarms
 - Characteristics (current, historical)
 - Events Report
 - Meter Log Period Report
 - Calibration / Calibration Summary
 - Hourly Flow
 - Period Volume
 - Total Volume
 - Meter File Change Log Report
 - Alarm Summary
 - Missing Data Report
 - Change Log Report
 - File Summary
 - Meter Data Verification Report
 - Meter ID Report



Tree view and trend display



Summary on right; Report list on left

- Device level menus provide access to reports as well as appropriate list and/or tag views (tag views require the OPC option)
- Authorized users can download set points to a device.
- Web deployed. No need for client installations
- Web Administration. Design/test/fix elements of your site from anywhere with appropriate logon permissions
- Lightweight web site. Minimal graphics and no heavy applets to download time and time again. Fast and responsive even over 56k dial-up connections
- Simple, easy to grasp tree based navigation
- Scales from small local applications to enterprise wide applications
- The WinCCU 5.2 release and later supports reading the current information from a device and storing it into the database. This data is then available for display in the Browser
- Trend displays are based either on the Historical audit trail data stored in the long-term database, or on the data read from the trend files in the RTU
- URL (such as www.mywebsite.com) not required. If all users are on the corporate network, the computer name is used to address the data. For example, if the computer name is 'mycomputer', then WebCCU can be addressed over the internal corporate network as //mycomputer
- Refresh Screen data from the data base
- Read data from the device and Update the Screen Display with a Demand Poll with appropriate permissions. (Requires OPC option and OPC server)
- Download setpoint to device with appropriate permissions. (Requires OPC option and OPC server)
- This package is upgradeable to TF.NET so as needs grow, expansion is easy
- Support is available for an Internet website. Where access is desired over the Internet, ABB is available to provide installation and engineering support required for this activity either on a fixed price or a time and materials basis. ABB can help
 - Select equipment,
 - Arrange for Internet access,
 - Establish necessary URLs,
 - Install and set up the software,
 - Provide the original and / or continuing setup and administration of the application
 - Provide training for your staff to perform these activities

ABB Totalflow Web

Refresh Tree Preferences...

GroupData - WM

Meter	Flow Rate	Battery	Yesterday's Volume	Last Modified
29101	55.6466	14.8891	83.4458	8/30/2006 12:33:14 PM
BALRD NORT	0.0000	12.8273	0.0000	8/30/2006 7:10:58 AM
291130	108.5752	14.8920	90.4684	8/30/2006 12:29:33 PM
ABSHIER	775.5269	13.2589	799.9356	8/30/2006 12:31:41 PM
BP AM #1	5682.7075	14.6871	5748.4243	8/30/2006 1:28:26 PM
CALISON #2	1200.7991	13.9323	1042.3894	8/30/2006 1:09:12 PM
COBRA CP	572.0154	12.7549	496.4137	8/30/2006 6:38:54 AM
COHOON #1	0.0000	14.8323	873.1722	8/30/2006 12:32:09 PM
ESPREE #1	4029.4395	12.8710	3958.6035	8/30/2006 6:38:30 AM
FAILOR #A1	3.2844	14.0310	10.6345	8/30/2006 1:10:41 PM
FENT COMP	0.0000	13.9620	0.0000	8/30/2006 1:12:17 PM
FENTON RD	218.1704	13.9347	44.2946	8/30/2006 1:27:54 PM
HANKAMMER	1096.6665	13.9451	1028.4410	8/30/2006 1:12:45 PM
HPL CM	143.3855	13.9333	222.6792	8/30/2006 1:07:43 PM
HULL CGATE	0.0000	12.9376	0.0038	8/30/2006 1:20:31 AM
M CAMPBELL	1152.3599	14.0276	1142.9652	8/30/2006 1:06:10 PM
MOBIL SLS	42.2937	13.8764	41.7540	8/30/2006 1:22:05 PM
OPR ADAMS	0.0000	13.4012	108.1978	8/30/2006 12:31:08 PM
RICHARDSON	33.7278	14.2847	28.8270	8/30/2006 12:30:35 PM

Overview display

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Daily Volume Report (Report Code 321)															Page: 1
2	Printed Date: 08/05/2002															
3	MeterID: 10-18-46-74 BG															Location: JACKS 24-06
4	CollectTime: 12/01/1999															
5	Firmware Revision: ED															
6	SYSTEM: BUYER:															
7	STATE:															
8	LEASE:															
9	PRODUCER:															
10	OPERATOR:															
11		Op	Ap	Tf	Volume	Energy	Extension	Flow	A	D	Z	B	R	A		
12	Date	irH2O	psia	deg F	MCF	MMBtu	Time%	H	L	H	L	F	F	S	C	
13	07/06/2002	57.47	30.13	63.54	274.1110	273.1790	1.8173	100	-	-	-	-	-	-	-	
14	07/07/2002	56.44	30.60	64.90	273.8580	272.9268	1.8140	100	-	-	-	-	-	-	-	
15	07/08/2002	55.48	30.81	61.88	272.9226	271.9946	1.8071	100	-	-	-	-	-	-	-	
16	07/09/2002	58.97	30.18	62.26	278.3160	277.3598	1.8462	100	-	-	-	-	-	-	-	
17	07/10/2002	56.92	30.52	64.10	274.6427	273.7389	1.8198	100	-	-	-	-	-	-	-	
18	07/11/2002	59.42	29.92	60.43	278.5343	277.5372	1.8485	100	-	-	-	-	-	-	-	
19	07/12/2002	57.47	30.35	64.84	274.9919	274.0569	1.8227	100	-	-	-	-	-	-	-	
20	07/13/2002	58.75	30.13	60.00	277.7188	276.7746	1.8424	100	-	-	X	X	-	-	-	
21	07/14/2002	60.48	29.57	60.37	279.1615	278.2124	1.8540	100	-	-	-	-	-	-	-	
22	07/15/2002	60.67	29.52	61.43	278.9926	278.0440	1.8531	100	-	-	-	-	-	-	-	
23	07/16/2002	59.79	29.75	64.20	277.5461	276.6325	1.8424	100	-	-	-	-	-	-	-	
24	07/17/2002	60.14	29.72	64.79	278.0271	277.0318	1.8459	100	-	-	-	-	-	-	-	
25	07/18/2002	58.54	30.10	64.53	276.2435	275.3043	1.8322	100	-	-	-	-	-	-	-	

Report - Spreadsheet format

Benefits

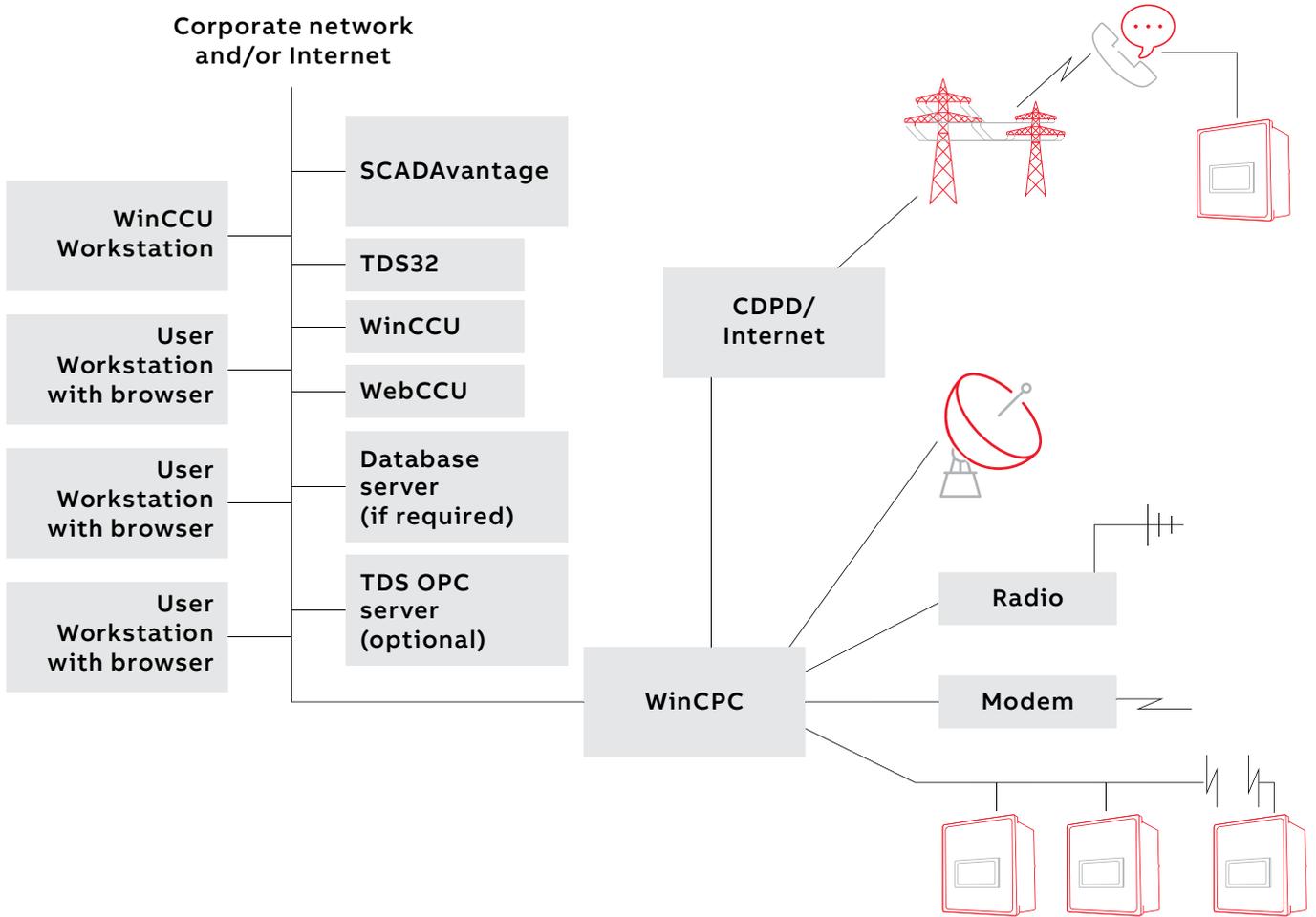
- Makes field data available for different users in the organization including:
 - Accounting
 - Marketing
 - Engineering
 - Other
- Data available over the corporate network for all authorized users
- Data available over the Internet for all authorized users, e.g., Royalty Holders
- Authorized users only
- Browser based displays reduce costs since the browser is already on the user's system
- Administrative costs are low due to simple, flexible design
- Increases organizational efficiencies by providing appropriate data to those needing it
- Reduces "wait" costs by getting data to appropriate persons quickly and in a useful format

Options

Users – Base charge for up to 100 users OR a fixed license fee with no arbitrary limit. Limited only by performance

Requirements

- Microsoft Windows Server 2003 SP2 or Windows 2003 R2 SP2. IIS is part of this Operating System Software. Version 6.0 of IIS is required.
- Microsoft SQL Server 2000 (8.00.2040) or Microsoft SQL Server 2005 (9.00.3042)
- WinCCU 5.2 or later
- Totalflow Devices only
- Must be installed on the same PC as the WinCCU, or must have a network connection to that PC
- Recommended minimum PC is:
 - 2 GHZ Processor
 - 512MB of RAM,
 - 1GB hard drive,
 - 1,280 x 1,024 video resolution
- A URL (e.g., www.mywebsite.com) and a fixed IP address are required to support an Internet site.



Notes



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