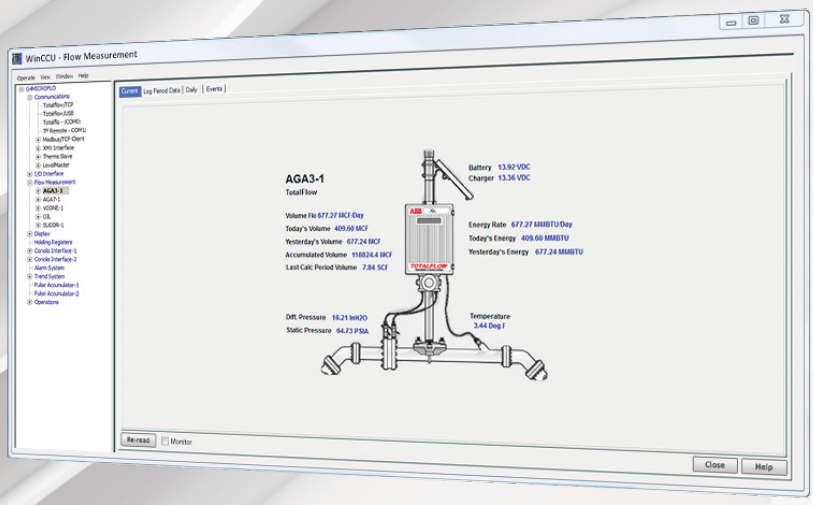
ABB MEASUREMENT & ANALYTICS | DATA SHEET

WinCCU

System software products

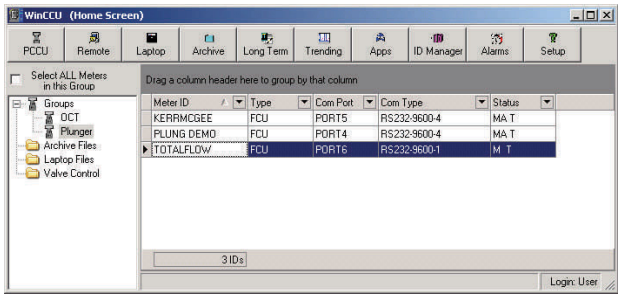


Description

The WinCCU software provides remote communication, remote configuration and data management including an audit trail for Totalflow systems. Collected data is stored in binary form in the Archive File. Archive data is converted to a long-term database for editing. All I/O is through the WinCPC Port Manager. WinCCU supports Access and Microsoft SQL Server 2000.

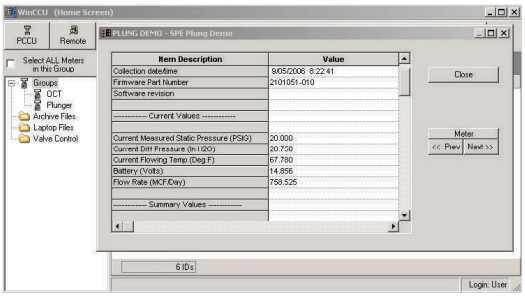
Features

WinCCU is very versatile interface to Totalflow devices. WinCCU provides a full range of functions:



Read and Write Totalflow Data

- Poll for Current Information
- Collect Historical Audit Trail Data
- Setup Trends
- Read Trend Data



Configuration Setup Data

Register Arrays

BTU Analyzer Analysis Data

Bulk read and write Analysis Data

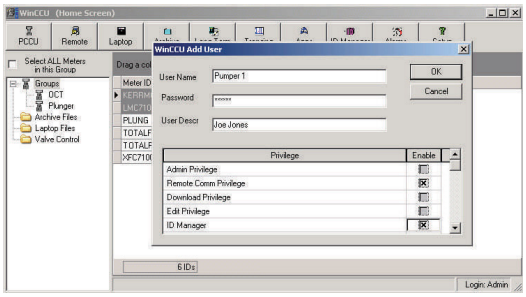
Valve Control

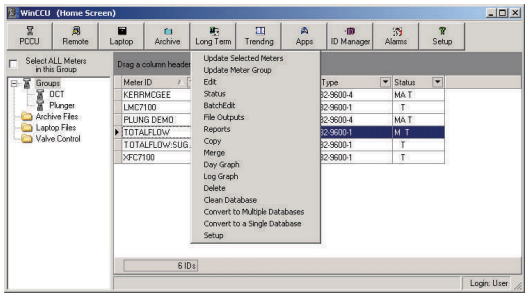
- Setup and Monitor
- Change Set Points
- Bulk Read and Write Nomination Data
- Deliverability Test Setup and Monitor

Host Console – Configurable User Interface for Non-standard Applications

Handheld and Laptop Collection Files

Define Device Templates





Network

Designed for Network Environment
Modular Organization Allows Moving from a Stand-Alone PC to Corporate-Wide Networks and Over the Internet

Security

Setup User Login Name and Password
Grant Access Rights

Archive and Long Term Database Utilities

View Data
Import and Export Data
Copy, Extract, Verify
Merge
Reports
- Daily, Hourly / Log Period
- Characteristic
- Events
- Summary
- Total Volume – Group of Devices

Field Balance – Inputs and Outputs

Alarms

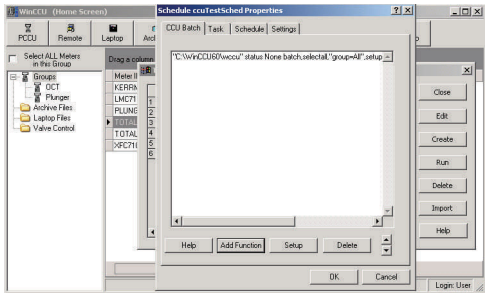
Calibration

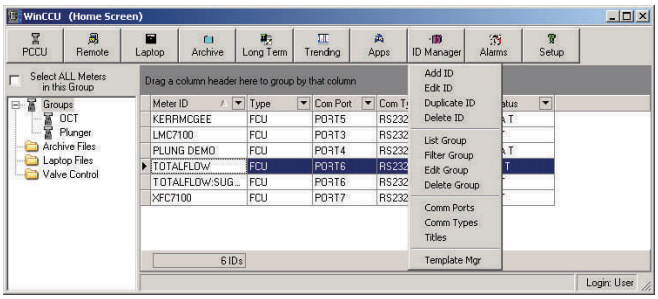
Missing Data

Report Outputs

Printer
File
E-mail
Specify Date Range
Preview

Graph Hourly and Daily Data





Scheduler – Periodic Sequential Execution of Totalflow and other Tasks

Remote Communications
Archive and Long Term Utilities
Valve Control
Trend and BTU Collection
Executables, OLE Automation
Programmed Delays – Triggers, DDE Events
Set Start Time, Frequency, Interval

Meter ID Manager

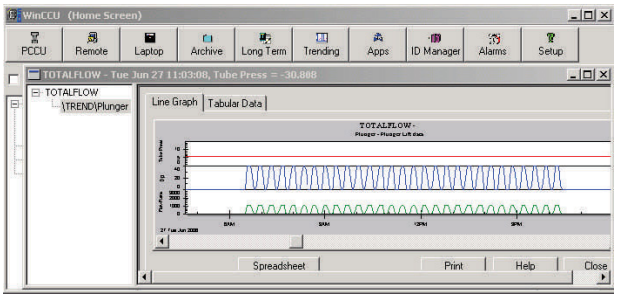
Define Devices for Read / Write
Grouping
- Collection, Polling, Reports, or Scheduling
- User Defined Grouping Criteria

Setup Communication Ports

Define Communication Types

Device Type
Baud Rate, Link Establishment Time
Delays and Protocol Parameters

Trending

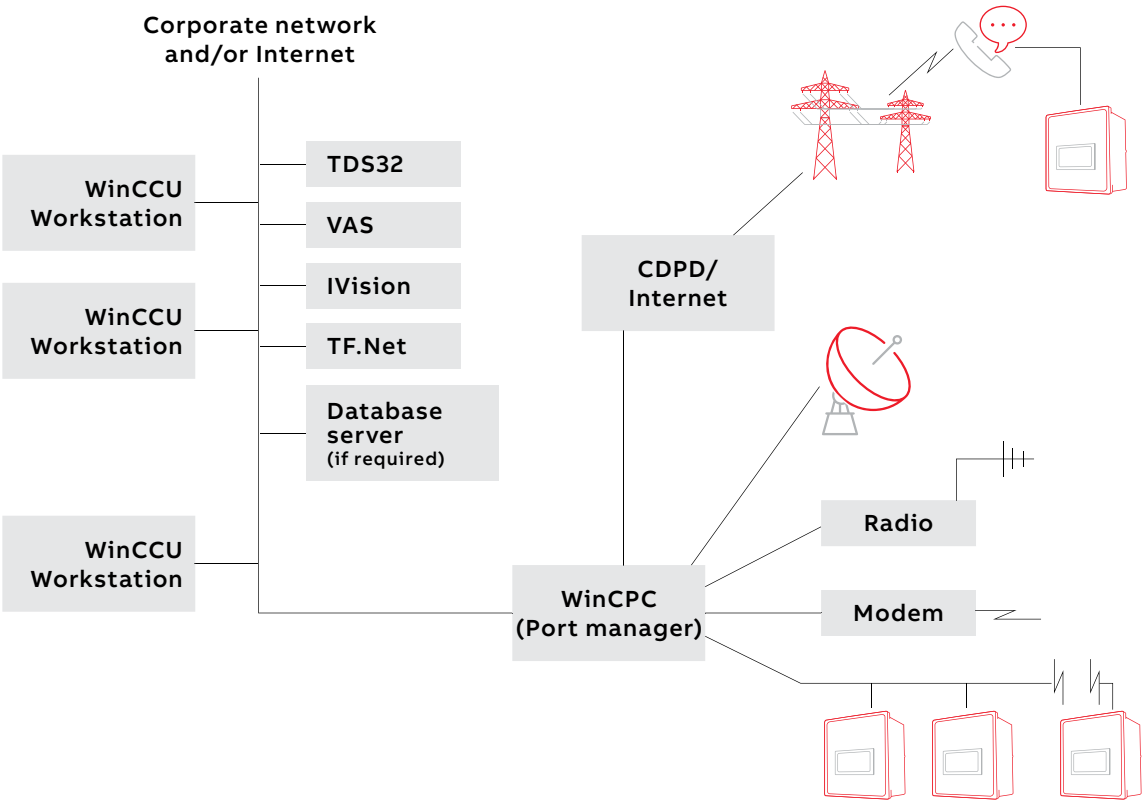


Benefits

- WinCCU Provides for Efficient and Effective management of Totalflow devices and Data. This package has extensive (decades) field-testing and has been enhanced to meet user needs and to support new Totalflow devices and features.
- The WinCCU audit trail insures data integrity for users and their clients. This increases confidence in billing accuracy.
- Device monitoring means that the Production Technicians can focus on immediate problems and not waste time visiting sites that do not need attention.
- Placing historical Data into a standard database means that it can be available to any authorized user in the company – Marketing, Engineering, Accounting, etc.
- Can be combined with other Totalflow Software for additional functionality
  - PCCU – Low level device setup
  - TDS32 – OPC / DDE / Wonderware Suite Link driver for SCADA Systems and other packages such as Excel or Visual Basic
  - VAS – Voice call-out and call-in for alarms and current device information
  - SCADA Vantage Systems
  - TF.NET – Web Browser Interface to WinCCU, SCADA, and data stored in any standard Database
  - All on one PC, or distributed across a network as desired.

Comparison of WinCCU versions

	WinCCU Basic	WinCCU Basic with Trend	WinCCU Enterprise
Remote data collection and device configuration	✓	✓	✓
Scheduled data retrieval	✓	✓	✓
Audit trail & reporting	✓	✓	✓
Flow data editor	✓	✓	✓
Export data for 3rd party systems	✓	✓	✓
Trend data groups management and viewing		✓	✓
Import 3rd party EFM data			✓



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