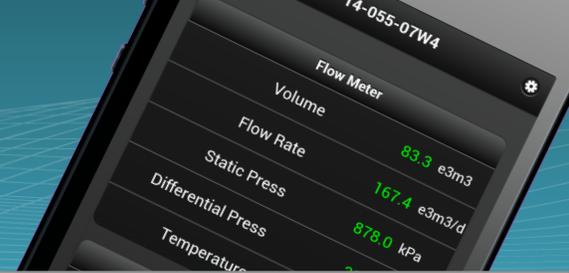




TrulyMobile SCADA™

OPC-to-Smartphone Solution for Industrial Scale Applications



Datasheet 1/2

TrulyMobile SCADA is a first-in-class solution for securely accessing automation data via any smartphone. More than just your live numbers, TrulyMobile SCADA accesses your alarms as well as relation database data to bring you the most integrated scalable mobile offering on the market. Whether you have a large DCS or SCADA system or a just a single device behind an OPC server, TrulyMobile SCADA brings your process to you wherever you may be.

Any Smartphone, Tablet or Desktop

- Connect from anywhere. Any HTML5 enabled web browser is all you need
- iOS, Android, Windows Phone, BlackBerry OS...

Safe and Secure

- HTTPS connections
- Complete separation between DMZ and client
- Can be used over VPN connections
- Individual user login accounts with configurable permissions
- Audit log tracks user actions

Real-time OPC Data

- Connect to multiple OPC Data Access servers
- Read analog and digital data points
- Write setpoints and commands
- No DCOM required!

Real-time Alarms

- Connect to multiple OPC Alarm & Event servers
- View and acknowledge OPC server generated alarms and events
- Optionally, create internal analog and digital alarms triggered off real-time values

Relational Database Data

- No OPC? No problem! Display relational database data in beautifully formatted tables
- Limited only by your ability to write creative SQL queries
- Inject user-modifiable parameters into your SQL for client driven dynamic data

Templating

- Create reusable template displays for reliable, cost effective implementation
- Add new instances of templates in seconds or use built in SQL template generation to create hundreds of displays with the click of a button
- Create entire hierarchies of displays using SQL queries

Overview

Data in the automation industry has traditionally been accessed via control room HMI systems and, more recently, web-browser based access. Browser-based access, however, is usually just a wrapper for the control room HMI, which in most cases makes viewing on a mobile phone impractical. The pages are too big for a mobile display and can be very slow to load. For a large proportion of workers in these industries, these solutions do not reflect the truly mobile nature of their job duties. In a world where the bottom line means everything, having fast secure instantaneous access to operational data is the only way to achieve this.

TrulyMobile SCADA allows you to be proactive when it comes to managing your process by bringing the process directly to you. Time savings always translate directly into cost savings and that is what TrulyMobile SCADA offers you.

OPC is a software communication interface designed specifically for accessing real-time data and alarms via open standards. TrulyMobile SCADA (TMS) offers a unified front to all of your different automation systems data via this interface. However, TMS does much more than that. We believe that TMS is the premier product in the OPC client space in that it utilizes the OPC specifications as they were intended to be used -- full data and alarm integration to bring you the clearest picture of your process.

The TMS smartphone client was implemented using the most cutting-edge web technologies available. All that is required to access a TMS server is an HTML5 enabled web browser. HTTPS authentication can be enabled to secure your data from prying eyes. No more app store upgrades. At the time you connect, you always receive the latest version. You always receive the latest version at the time you connect.

TrulyMobile SCADA is implemented in a client-server model. All configuration is performed on the server to which the clients connect and make requests. A mobile client has no direct access to a data source whether it be PLC or OPC; therefore, what they can see and do is entirely in your control. Only people with an understanding of your automation system should be granted permission to configure a TrulyMobile SCADA system.

Building a TrulyMobile SCADA application is simple to do with its intuitive HMI and extensive help documentation. Copy, paste, drag-and-drop -- it's all there to make your life easy. Templating allows you to very rapidly test and deploy a large number of displays in a cost-effective manner. If your system allows it, you can create a database connector to your automation systems database and generate your template displays via SQL queries! You can tie the configuration directly to an external database! Update it with a double-click of the mouse! This is a very powerful concept which can significantly reduce implementation and maintenance costs.



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Date	Volume (cuh/d)	Flow Time (min)	Daily Data
10/30/2013	186.8	1440.0	Static Pressure 872.8
10/29/2013	166.5	1440.0	860.1
10/28/2013	156.9	1440.0	888.7
10/27/2013	141.3	1439.9	
10/26/2013	146.2	1440.0	
10/25/2013	162.7	1440.0	
10/24/2013	155.6	1440.0	

Datasheet 2/2

Server Requirements - Operating Systems

- 32-bit**
- Windows Server 2008 SP2 (Standard, Enterprise)
 - Windows Server 2003 R2 SP2 (Standard, Enterprise)
 - Windows Server 2003 SP2 (Standard, Enterprise)
 - Windows 7 SP1 (Professional, Ultimate)
 - Windows Vista SP2 (Business, Ultimate)
 - Windows XP SP3 (Professional)
- 64-bit**
- Windows Server 2008 SP2 (Standard, Enterprise)
 - Windows Server 2008 R2 SP1 (Standard, Enterprise)
 - Windows Server 2003 R2 SP2 (Standard, Enterprise)
 - Windows 7 SP1 (Professional, Ultimate)
 - Windows Vista SP2 (Business, Ultimate)

Server Requirements – Hardware

Hardware requirements may vary depending on the size of the system to intend to implement.

- Minimum Requirements**
- 2 or more CPU cores
 - 2 or more GB RAM
 - 25 GB free disk space

Op Sources

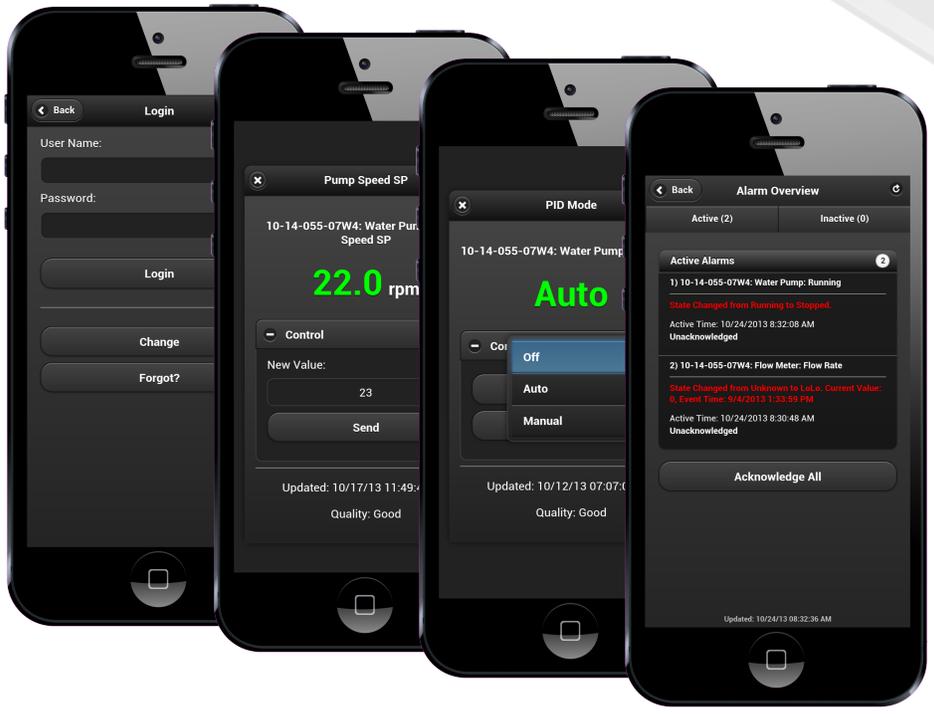
Here just a few of the thousands of OPC data sources TrulyMobile SCADA can integrate with:

- AllenBradley
- AutoSol
- Clearscada
- Citect
- Cygnet
- DeltaV
- Elipse
- FactoryLink
- GE Cimplicity
- Honeywell
- Iconics
- Intellution
- Kepware
- Matrikon
- Nexus Solutions
- NI Lookout
- ObjectAutomation
- OPCTechs
- OSISoft PI
- Rockwell
- SCADA Vantage
- Siemens
- Telvent
- Wonderware

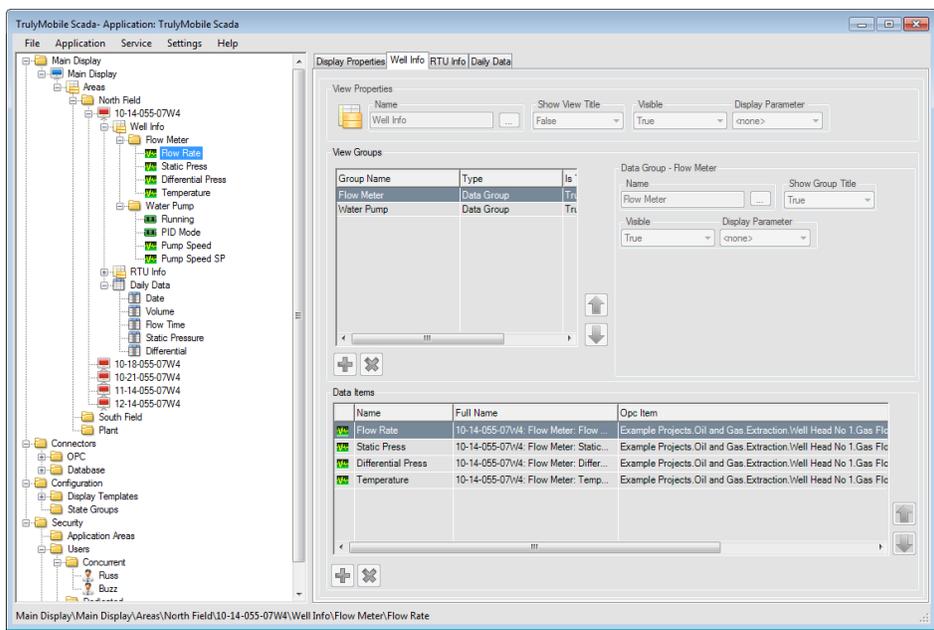
Relational Databases

With native connections, along with ODBC technologies, TrulyMobile SCADA can access just about any relational database.

- DB2
- MySQL
- MS Access
- MS SQL Server
- ODBC
- OleDB
- Oracle
- PostgreSQL
- SQLite
- Sybase



Intuitive displays allows users to be productive in no time



TrulyMobile SCADA features an easy-to-use HMI for configuring your applications