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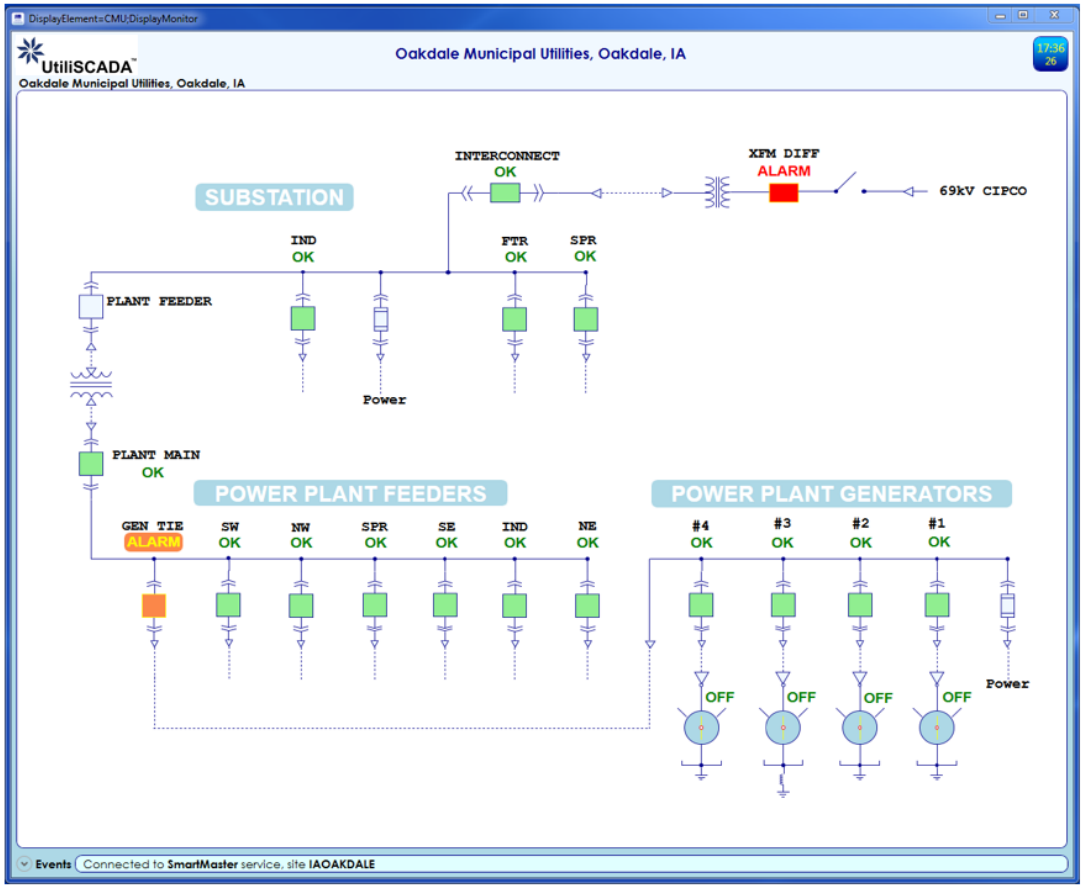
Big System Functionality

At A Small System Price

UtiliSCADA™

The SCADA Solution Purposely Built For Municipal and Cooperative Electric, Gas and Water Utilities



Engineered & Designed In The USA
All Customer Support From The USA

Telescada, Incorporated
222 Bolivar Street, Canton MA 02021 USA
www.Telescada.com

UtiliSCADA™

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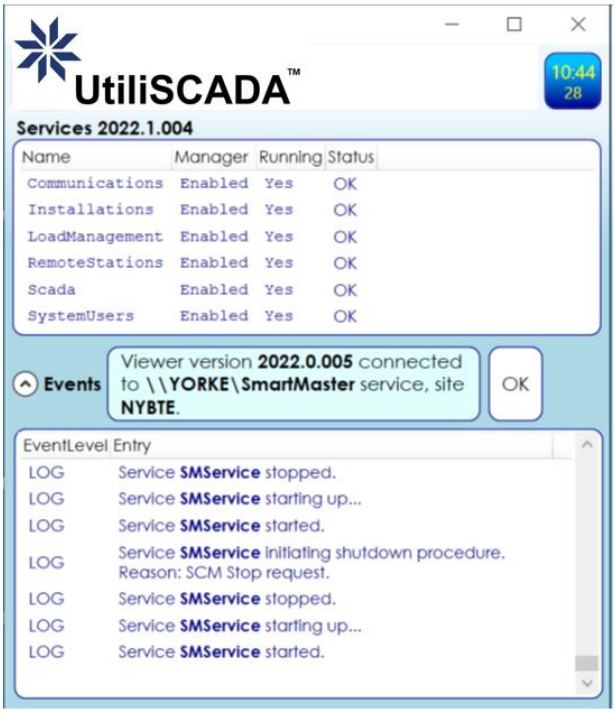
Built on 30 years of operational experience, UtiliSCADA™ is our third-generation distribution management control system. UtiliSCADA™ adopts more industry standards, is Smart Grid ready, has enhanced scalability and modularity delivering an improved user experience while incorporating the latest software tools and technologies.

Designed Around Industry Standards
UtiliSCADA™ Database Engine
Microsoft® SQL 2022 Server DBMS

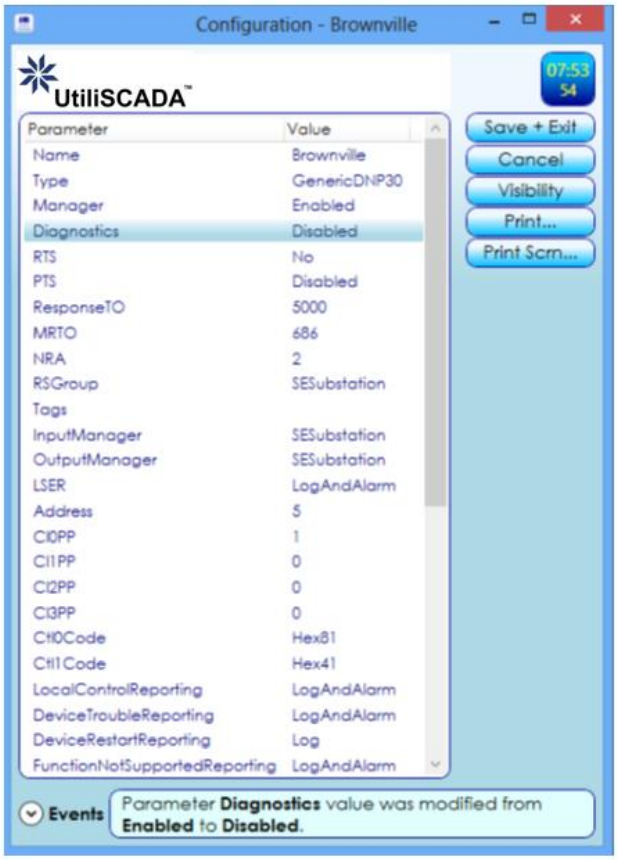
Communications Protocols
DNP 3.0, Modbus, MultiSpeak, Vestas RCS

North American Electric Reliability Corporation Critical Infrastructure Protection Compliance
Using industry standard encryption methods, asymmetric keys and digital certificates to encrypt stored data and communications. SFTP. CIP-002, CIP-003, CIP-004, CIP-005, CIP-006, CIP-007, CIP-008, CIP-009, CIP-010, CIP-13

UtiliSCADA™ Platforms, Tools, Languages & Technologies
SQL Server 2022, Report Server 2022
Windows® 10, CLR, .Net 4.5
VS 2016, SSMS 2016, Report Builder
C#, XML, XAML, SQL, T-SQL
ADO.NET, WPF, Service Broker



MAIN VIEWER SCREEN



DATABASE VIEWER SCREEN

Enhanced System Modularity
UtiliSCADA™ uses a multi-tier design so components can be on the same machine, or different machines. Components can be stand-alone, with no user interface, or remotely administered.
Business logic is implemented as a Windows® service with no UI required to run the services.
UtiliSCADA™ can also run as a standalone data concentrator for specialty applications.

Enhanced System Scalability
UtiliSCADA™ can scale from 1 to 10,000 user accounts, with millions of end points with more efficient data processing.
UtiliSCADA™ provides multi-channel, asynchronous data scanning with multi-channel asynchronous control code dispatching.
500 Petabyte (500,000 TB) database capacity.

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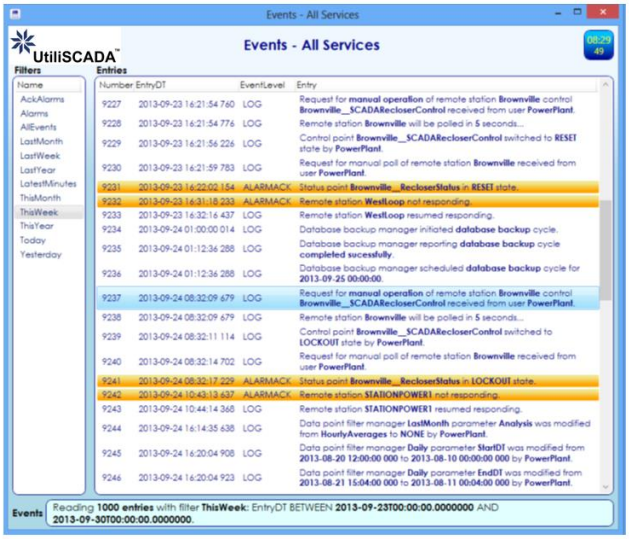
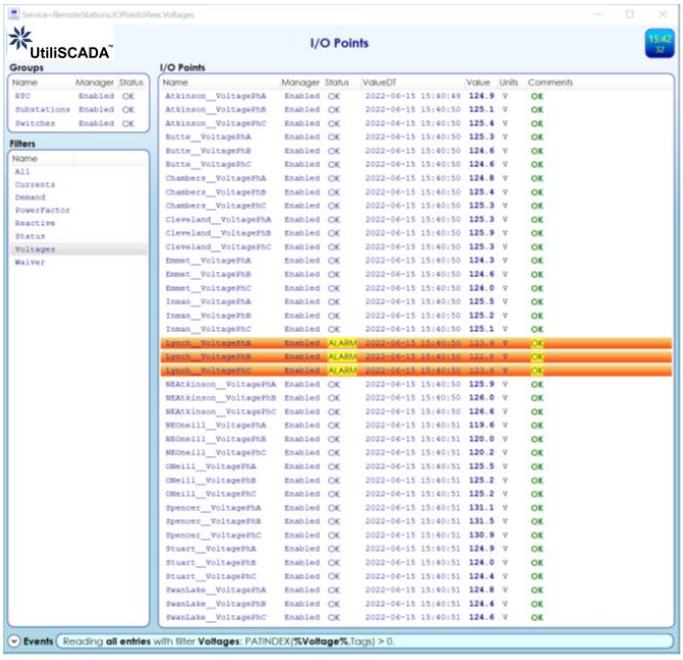


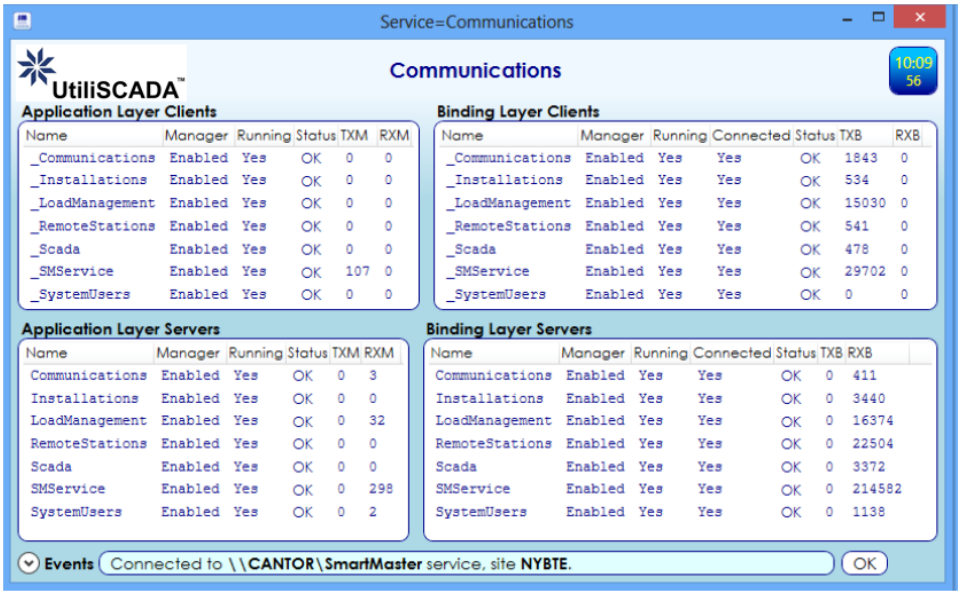
EVENTS VIEWER SCREEN

Better User Experience
Users simply log on to Windows®, and start the UtiliSCADA™ Viewer. UtiliSCADA™ Viewer, DBMS & Windows® Security is integrated into all components. User credentials are determined from the User's Windows® account. Automated, or manual software updates. Better backup, archiving and user notification services via the UtiliSCADA™ DBMS.

Better User Customization
The UtiliSCADA™ Viewer is an agnostic user interface. There is no business logic in the Viewer. Users can select standard table views, or create custom views of existing tables.
Users can create custom data tables with the built-in report server and report builder. UtiliSCADA™ has multi-media capabilities with resizable screens using vector graphics.



INPUT/OUTPUT VIEWER SCREEN



COMMUNICATIONS VIEWER SCREEN

Enhanced Communications
UtiliSCADA™ can communicate with devices on one communications channel, or as many channels as needed simultaneously. Popular communications protocols are supported. Multiple protocols can run over the same channel. Communications can go over Ethernet or serial connections, or via any other medium when appropriate transceivers are used (e.g. radio, fiber optic cables, cellular modems, etc.).

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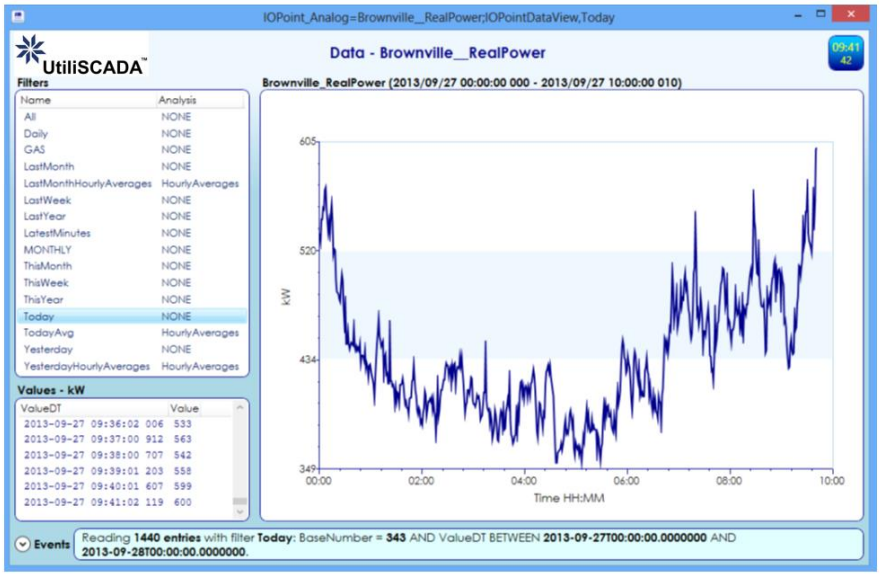
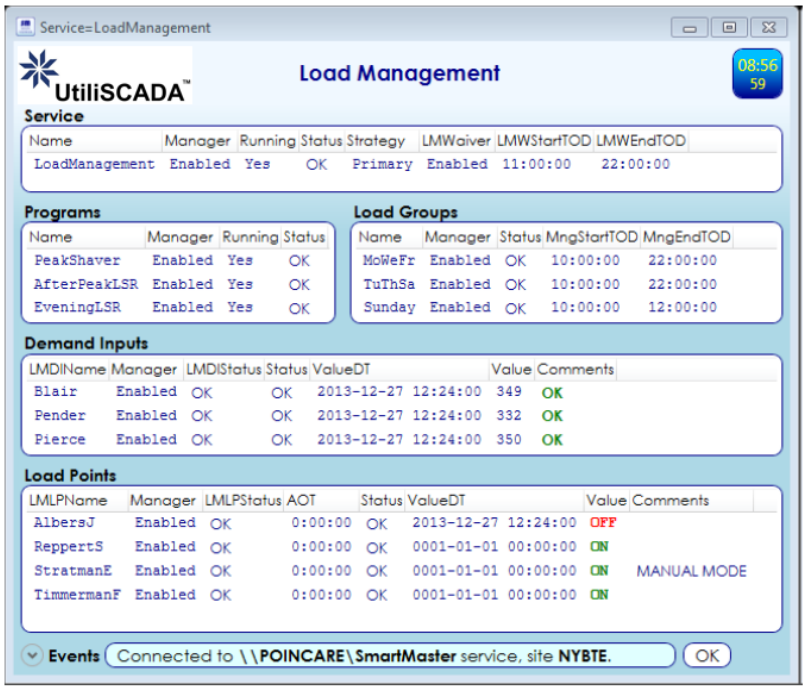
Enhanced Reporting and Notification
A special server component is dedicated to management, definition, generation, and dispatching of reports. Management can be done through the UtiliSCADA™ user interface, or via a web browser. Users can define custom reports with little or no programming. Reports can contain tables, various kinds of charts, plots, and gauges. And can be rendered in html, pdf, Excel, Word, etc.
Reports can be generated manually, or on a scheduled basis. Reports can be dispatched to selected lists of users via electronic mail on a one time, or subscription basis. In the latter case reports are sent out to mailing lists periodically as needed. Security can be defined so users can access only reports that they are entitled to see.



DATA HISTOGRAM SCREEN



LOAD MANAGEMENT APPLICATION SCREEN

Enhanced Multitiered Architecture
UtiliSCADA™ provides application specific components for automated,

- SCADA
- Load Management /Load Control
- Automated Meter Reading / AMI
- Capacitor Control / Volt/Var Management
- DNP Integrated Data Concentrator

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For Municipal and Cooperative
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