

*CygNet* Clients provide the power to immediately access operational data for analysis, and to apply it at its full potential, for the most diverse group of users throughout an oil and gas organization. Place real-time and contextually relevant information at the fingertips of thousands of interactive stakeholders. Extending beyond traditional SCADA functionality, *CygNet* Clients serve an organizationally diverse set of enterprise and operations personnel. *CygNet* Clients provide access to and interaction with the data collected and managed by *CygNet* Enterprise Operations Platform (EOP) to ensure that all users make decisions based upon a “single version of the truth”.

*CygNet* Software's technical architecture and licensing structure provide organizations with solutions that easily and cost-effectively scale to assure client deployment throughout the enterprise. Inherent features such as native version management and network efficiency ensure that, from one to thousands, *CygNet* Clients deliver greater value while remaining evergreen. Users derive contextual value and gain confidence in their performance when their data interactions are effective and predictable. With sub-second response times and zero degradation in network performance, users are free to focus on the results they deliver for the business, rather than the underlying technology being utilized. *CygNet* EOP simply delivers a more compelling total cost of ownership per desktop than custom-built SCADA and comparable Operations solutions.

### THE 3 TYPES OF *CYGNET* CLIENTS

1. **Native** – full access per named PC
2. **WebControl** – full access via the web per named user
3. **WebStatus** – read-only web access per concurrent user

### Native Access to All *CygNet* EOP Functions

Native *CygNet* Clients provide complete user and configuration access to *CygNet* EOP for viewing, editing, displaying, controlling and analyzing data based on security privileges. Interaction with information managed by *CygNet* EOP is managed through a suite of optimized, built-in services including Studio, Explorer, Alarm Management Console, Historian/Trending, and various time saving utility programs.

*CygNet* Clients utilize a foundational component of *CygNet* EOP's architecture, the Distributed Communication Library (DCL), which optimizes the movement of significant data volumes around a network. The DCL relies on a powerful messaging structure which creates predictable message transmission and routing. Only the data necessary to complete the operation is transmitted. Error handling features built into the DCL rapidly recover from any communications fault—thanks to *CygNet* Software's years of data management expertise fulfilling SCADA requirements. Typical message transfers are completed in less than 50 milliseconds. In more than 20 years of use in production real-time systems, the DCL has delivered an estimated 1 billion messages without a single reported instance of data corrupted or lost.

### Web Access for More Users...with Operational Control

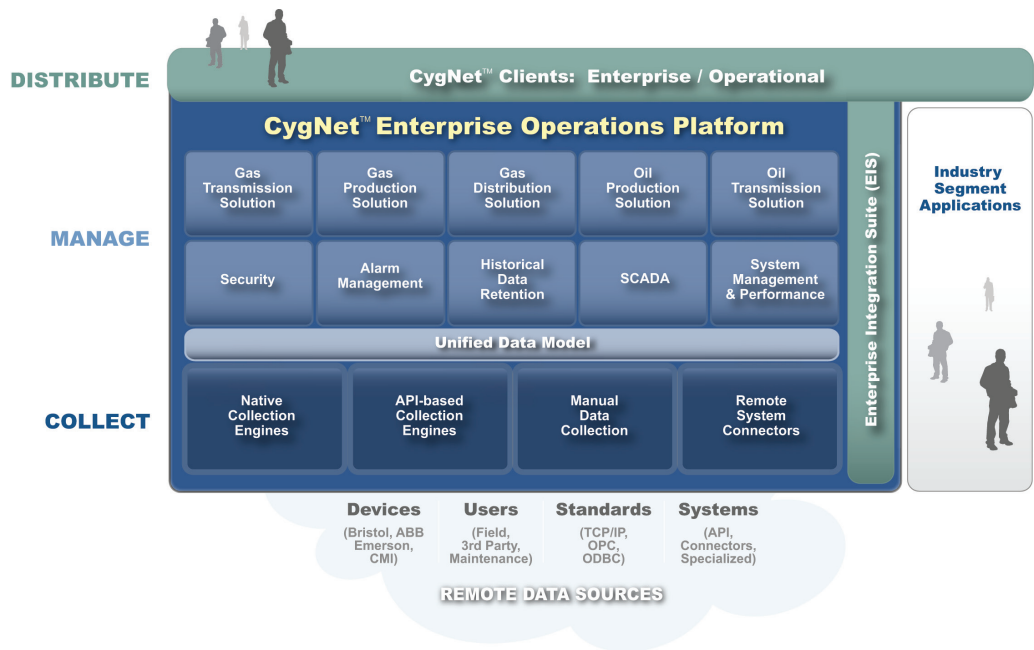
The two types of *CygNet* Clients offering web access to operational data are WebControl and WebStatus. WebControl Clients deliver full native client functionality within Internet Explorer. By applying the same messaging protocol as any native *CygNet* Client, WebControl provides the same scalable, robust and predictable response times. HTML pages are built dynamically based on the organization's unique group hierarchy. WebControl runs from any computer that has a network path or VPN to *CygNet* EOP.

WebStatus Clients provide a group of users with concurrent read-only access to information in *CygNet* EOP. Functionality is equivalent to native and WebControl Clients with respect to visualization and navigation, but only a single control function is allowed per desktop. This allows WebStatus users to execute a poll command to retrieve up-to-the-minute data from the field, even if they are in remote locations. WebStatus is perfect for provisioning access to workgroups outside of Operations—such as Engineering or Marketing—who require instantaneous updates to support tactical or planning functions.

**CygNet® Clients place real-time access to essential operations information at the fingertips of thousands of stakeholders in every corner of the organization, from C-level executives to finance managers to field engineers.**

## Cost-Effective Licensing Stretches Budget to Serve More Users

Native *CygNet* Clients are licensed with full access per desktop. WebControl Clients provide full web access licensed per named user. WebStatus Clients provide read-only web access to a set limit of concurrent users. *CygNet* has taken the hassle out of managing licenses of *CygNet* Clients. CALs may be moved from one computer to another using the license manager service. All Client maintenance and upgrades along with user-created graphics and custom screens are automatically kept current, even across thousands of deployed users, so the system remains effortlessly evergreen.



*It's easy to start a 30-day free trial: simply install a native CygNet Client on any computer and start any available CygNet service.*