

InduSoft makes it possible to send and receive data from multiple systems by taking advantage of the more than 240 communication drivers built-in to InduSoft Web Studio. With these native communication drivers, and full OPC connectivity, it's possible to communicate with PLCs and controllers from nearly any manufacturer.

InduSoft also has patented database connectivity, making it incredibly easy to connect to multiple data sources, both to record information, and to use process data to develop analytic dashboards that allow operators to read information at a glance, and make quick decisions that improve safety, productivity, and efficiency.

Remote Site Control – Send Information Anywhere, and Act Immediately

As systems grow less isolated and begin to take advantage of internet and cloud based capabilities, the ongoing need to mobilize oil and gas data is driving many operators to seek SCADA solutions that provide mobile and remote monitoring capabilities. InduSoft Web Studio makes viewing remote data easy, and provides many options for viewing and controlling a remote site, or for communicating with multiple sites from a central control room. Now, it's possible to interact with your application anywhere you go, on a tablet or smartphone.

Thin Clients

InduSoft offers three different types of thin clients for remote applications

Secure Viewer

InduSoft's Secure Viewer Client operates as an alternative to browser-based thin clients, and

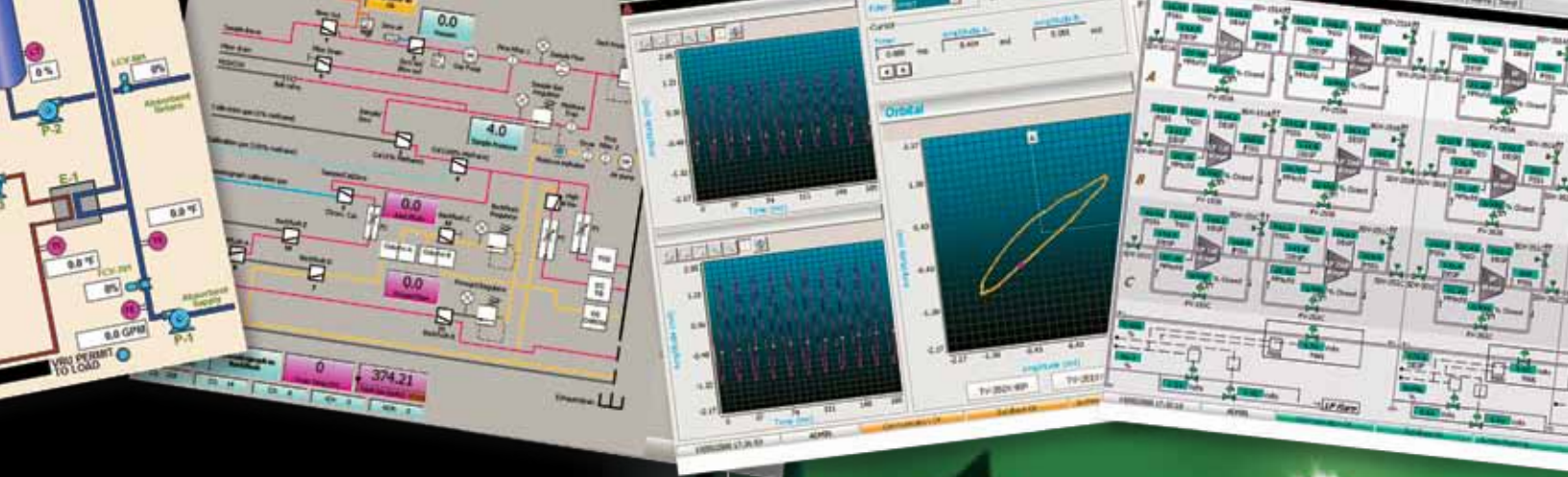
offers a safe, stable client for a remote SCADA or HMI application. The Secure Viewer is supported by machines with a Windows operating system, and enables users to see a full graphical representation of their application, interact with screens, and take advantage of InduSoft Web Studio security features using a dedicated client. Smartphones and Tablets utilizing iOS or Android operating systems can also access applications by acting as a virtual machine for a PC with InduSoft Web Studio installed.

Web Thin Client

The InduSoft Web Studio web thin client can be accessed on any device that uses Internet Explorer, including Windows-based tablets and smartphones. The web thin client offers full graphic representation of your application, the ability to view and interact with screens remotely, and the security of user and group level protection of data.

Studio Mobile Access (SMA) Client

InduSoft offers two versions of the SMA client, which allows you to truly take your data anywhere you go. Studio Mobile Access Tabular allows you to view process data, acknowledge alarms, and even comment on those alarms. Studio Mobile Access (enhanced in InduSoft Web Studio v7.1), also includes these functions, but also allows users to create intuitive widget dashboards that provide information at a glance. Studio Mobile Access is based on HTML5, and can be used on any device with an internet browser. This includes the iPad, iPhone, and Android smartphones and tablets. With the SMA client, it's possible to acknowledge alarms wherever you are, and make the necessary comments required for safety and traceability standards.



Safety and Regulatory Standards

Safety and security are challenges that must be addressed for oil and gas engineers. Not only must machines and equipment be monitored regularly for safety, but the data produced must be secured. InduSoft has made it a long-term goal to provide stable SCADA software with the tools to ensure that any process can be conducted safely, and in line with regulatory standards required around the world.

Data security through InduSoft is provided with a variety of tools. InduSoft Web Studio's security features offer the ability to create user and group levels of authorization with username and password protection. Authorization levels for process control can be restricted only to authorized users or groups, and systems can record actions taken by logged-in users. This allows managers to ensure that only authorized personnel have access to critical process functions, and that all user activity is logged for records. In addition, InduSoft Web Studio can record recipe and batch information, as well as users who initiated a batch process or created or changed a recipe. Audits can be easily conducted using this information, and user data can also be stored to meet regulatory traceability standards. Intellectual property can also be protected by ensuring that only authorized users have access to data.

The safety of machines and personnel can also be secured using InduSoft Web Studio. Alarms can alert operators to potential problem zones, and preventative maintenance reminders can be built-in to the application. When machines can tell operators when they need servicing or inspecting, it's easy to ensure that safety codes are being met and maintained. Not only will this prevent downtime, but will also help protect against operator safety hazards.





Learn More About InduSoft in Oil and Gas

InduSoft has developed several case studies in coordination with customers who have used InduSoft Web Studio in oil and gas applications. You can read the case studies at www.indusoft.com, or email InduSoft or your local InduSoft distributor for more information on oil and gas applications that have utilized InduSoft Web Studio in well, drilling, and pipeline SCADA systems. InduSoft also has an oil and gas demo application available, allowing you to see for yourself how SCADA software can be used to improve the efficiency, productivity, and safety of your system.

For more information, contact us at **877-INDUSOFT** or **512-349-0334** or email us at info@indusoft.com

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