MineSCADA Online

MineSCADA Online is a read-only version of MineSCADA. With MineSCADA Online users can view live mimics, historical trends and alarm logs, to give an up to date picture of what is going on now and in the past at a site.



Unlike traditional MineSCADA it is accessed through a standard web browser giving more flexible connectivity and extending the range of platforms and devices it can be used

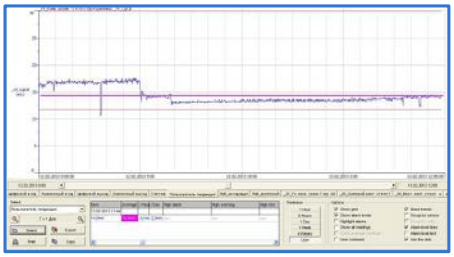
with to include tablets and smartphones.

Features and Benefits

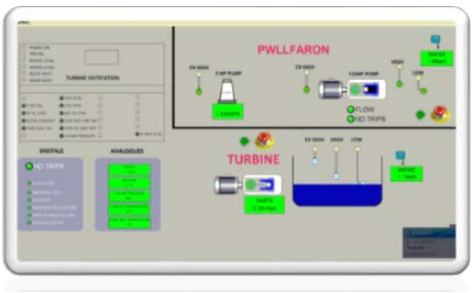
- **Centralised Web Server** - The software is installed as a web server and connected to via web browsers therefore any changes to the MineSCADA configuration on the server are immediately available to all browser clients.
- **Flexible connectivity** - the web server connection uses http making mimic, alarms and trends visible across a wide area network: either a closed intranet, through a VPN or on the internet (if open to the internet security implications need to be considered and a penetration test is recommended).
- **Increased range of devices and platforms** - as long as the device supports HTML5 it can view mimics, alarm logs and trends. Most smartphones and tablets have browsers that support HTML5. Multiple operating systems such as Windows, iOS, OS X, Android and Linux also support compatible browsers.

Trends on Individual Channel or Multiple Channels

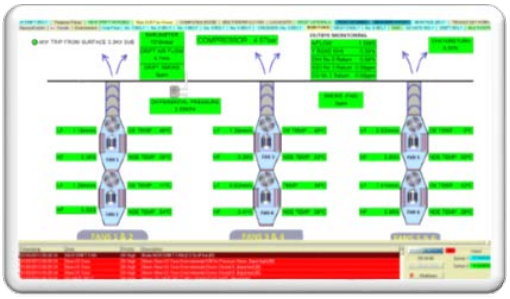




Pump Monitoring & Control Mimic



Fan Monitoring and Control Mimic



Gas Monitoring & Control Mimic on Smart Phone



Conveyor monitoring and Control Mimic on Tablet



Conveyor Monitoring and Control Mimic on Laptop



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Main Server Testing Environment

Database: PostgreSQL 9.3 (64-bit)

Runtime: Java Runtime JRE7 (64-bit)

Hosting: Apache Tomcat 7.0 (64-bit)

Operating System: 64-bit Windows 7 Professional

Hardware: 16GB ram i7 2.4GHz CPU 1TB hard drive

Main Client Testing environment:

Chrome version 40

Server Requirements:

The server needs to be capable of running PostgreSQL, Java Runtime and Apache Tomcat 7.0.

Data values and alarms are stored in the server database, consideration should be given to a data maintenance plan to allow for the database to grow over time. The database can be installed on a separate machine to the web server.

Client Requirements:

The client runs in a web browser so the hardware requirements are therefore governed by the choice of browser. Only browsers compatible with HTML5 are capable of displaying the application. Chrome offers the highest level of HTML5 support, but the following browsers support enough to run the application:

Firefox 34+

Internet Explorer 10+

Safari 7.1+

Opera 26+