

M2M Data Web Interface for Remote Data Acquisition

Quick Overview

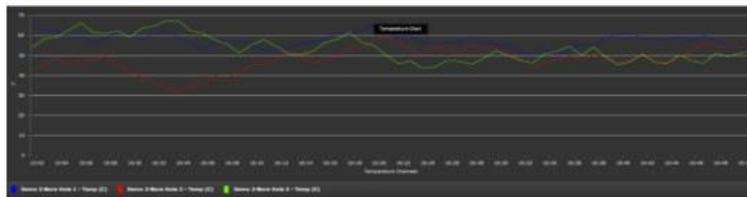
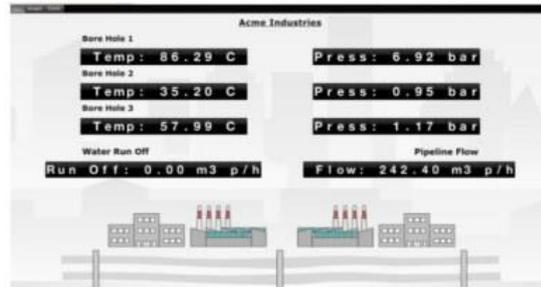
Our M2M system allows various data loggers to send their data directly to our web server, or to an intermediary server that can accept SMS message before passing the data on to our web server. The web server uses several databases to manage the data along with a third party web application called Mango Automation. Once the data has been collected and scaled on the web server, the data is then displayed in several formats such as a graphical display, charts and statistical details. The users can log into the web site from any location to view or download the available data as required. The M2M system can be configured to provide alarms via email, or SMS with the additional module. Also available from the M2M system are many different kinds of reports that can be scheduled on a recurring basis or only run when a user requests the data. The reports can also be emailed to anyone that needs to get the data. Our M2M web Interface will currently accepts data from GRD and OmniText data loggers with other loggers being added in the future.

Details

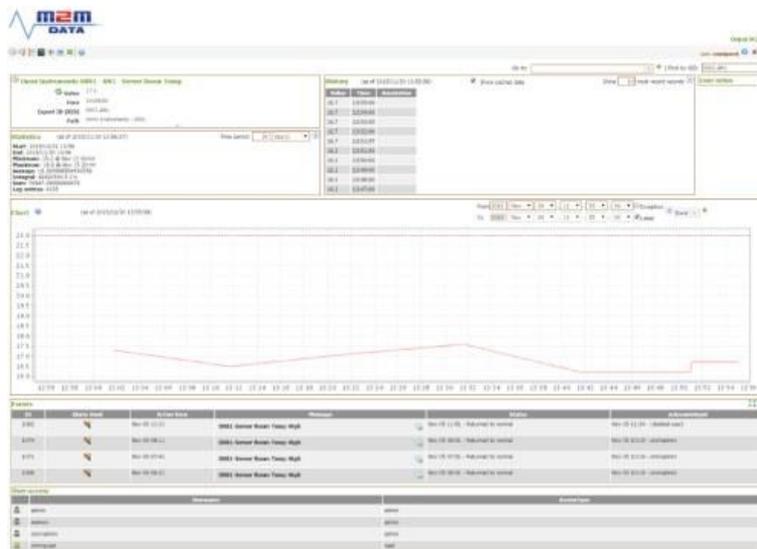


Data from the data logger can be viewed on the M2M web interface in chart, table and graphical format. The data can also be downloaded as a CSV file. The web interface provides a data panel where customers can view a customised web interface showing data from all their remote locations. The channel scaling, reports, alarm levels, and alarm recipients are set from our web control page removing the need to dial up units or visit sites for reprogramming.

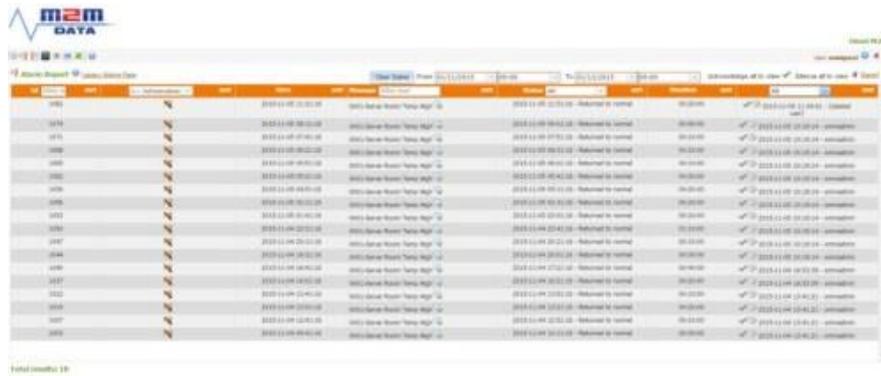
On first opening the site: www.m-2-m.com you will see the M2M Message Board. Click M2M in the menu bar to go to the M2M Login Page. Log in with the username: demo2 and the password: demo2017 you will see the graphical display above showing the data from our virtual logger. The graphical display can be customised to your specification with different backgrounds, gauges, text effects and more. Below are a few examples of the display formats we can create:



The Data Points page shows details of the data from each channel of the data logger. The details include the latest reading details, statistics and recent history over a selectable time period. The page also shows a graph with the ability to select the time period displayed as well as the ability to download the historical data to CSV or Excel formats. This page will also display recent alarms and the users that have access to the data point.



The Alarms page will provide details of any active alarms and give the ability to search for previous alarms. You will be able to acknowledge the alarms and see the duration of the alarms as well as which user has acknowledged the alarms.



The Watch List page gives the ability to see several data points simultaneously to give an overall system picture. This page also provides a graph that can have several data points charted simultaneously for data comparison.



The Excel Reports page allows the user to create, schedule and send customised reports from the M2M system. You can regularly send the historical data or other system information to an email address.

The screenshot shows the 'Excel Reports' page in the M2M DATA system. It displays the 'Report setup' form, which allows users to create, schedule, and send customised reports. The form includes fields for 'Report name', 'Report ID', 'Email to', 'Report path', and 'Time periods'. There is also a 'Schedule' section with a 'Cron expression' field and a 'Schedule this report to be run periodically' checkbox. The interface includes a search bar and various navigation icons at the top.