

Convicon CMP Link 2.0

For Convicon chamber customers, this innovative feature is your gateway to full control of your operation.

It allows you to manage existing CMP6060 and CMP6050 (with pCO5+ support) Convicon chambers using the Titan 900 software.



Applications

Having CMP Link 2.0 integrated with Titan 900 software allows selecting the right controller for the right application.

The Titan 900 software reflects information from the Convicon CMP and what is displayed on the HMI.

The screenshot shows the Titan 900 software interface. At the top, there's a navigation bar with 'Navigation', 'Screen Designer', 'Tools', 'Factory Setup Tools', and 'Help/Screen'. Below this is a 'Global Navigation' sidebar with a tree view containing 'HOME', 'All Zone Issues', 'Alarm History', 'Variable List', 'Control', 'Parameters', 'Status', 'Expansions', 'Exp Modules', 'Settings', 'Service', 'Add On's', 'Expansion 1', 'Expansion 2', 'Expansion 3', 'Expansion 4', and 'Expansion 5'. The main area displays 'John's Desk' control panel. It includes a status indicator 'Active Unacknowledged', a 'START' button, and a 'Variable List' dropdown. Below this is a table for 'John's Desk' parameters:

	Temperature	Humidity	Netal Halide Lvl	O2	Onc	Two
Actual	-25.2 °C	0 %RH	10 LVL	23.4 PA	-338 °C1	-337 °C2
Setpoint

Below the table is an 'Alarm History' section with a table:

Loc	Message	Status	Actual	Limit	Low	High	Unit
1	Low Temperature Limit Shutdown.	Act/Live	-24.0	-8.0	18	50	4 / 3 / 18
2	Foot up..				10	28	4 / 3 / 18
3	Low Temperature Limit Shutdown.	Act/Live	-24.1	-8.0	18	20	4 / 3 / 18
4	Foot up..				18	28	4 / 3 / 18

At the bottom of the alarm history table are buttons for 'Clear All' and 'Acknowledge All Alarms'. The bottom status bar shows 'Argus Controls Systems Ltd.' and the date '04/15/2018 14:06:58'.

Features

<ul style="list-style-type: none">• NEW! Connect to CMPs without needing Titan Access Point – Any sites using the CMP 6060 or 6050 (latest version) do not need to use the Convicon CM software.
<ul style="list-style-type: none">• NEW! Connect Directly to CMP 6050 – Previously you had to upgrade from the CMP6050 to the CMP6060 hardware to use CMP Link, now you can perform a firmware upgrade to the CMP6050 instead. This ensures that you can connect to a site with the CMP6050 hardware without a Titan Access Point or CMP6060 hardware (direct connection).
<ul style="list-style-type: none">• NEW! Improved Alarm Management – CMP alarms are now handled the same as Titan alarms. These CMP alarms can be emailed to users (currently only Active Unacknowledged), the Alarm Status Viewer can now filter by Chamber, and the USB Relay device works with alarms using dry contacts.
<ul style="list-style-type: none">• Table View – The table view mirrors the look and feel of the Convicon CMP controller display through the Titan 900 software.
<ul style="list-style-type: none">• Customization – Allows you to customize any value and control on the CMP Link group, including controlled processes, monitored sensors, alarm definitions, and software versions to create summary pages.
<ul style="list-style-type: none">• Graphing Information – A utility for viewing and exporting the recorded data on your system. With it you can monitor and analyze all your recorded data and save custom graph reports for easy future access. Plot data (both historical and near real-time), and plot both Titan and CMP data on the same graph.
<ul style="list-style-type: none">• Near Real Time Information – Display near real-time information such as alarms, processes and setpoints, monitored sensors and programs from the CMP.
<ul style="list-style-type: none">• Retrieve and Export Data – Retrieve both historical data and alarms from the CMP, giving you more flexibility and options.
<ul style="list-style-type: none">• Time Synchronization – Automatically or manually synchronize the time between Convicon CMP and the Titan 900.
<ul style="list-style-type: none">• Remote Interface – Launch remote connections to the Convicon CMP from Titan 900 using VNC, as a menu option.

Additional Information

For more information, please contact Argus.

