

## *Plant Operations: Challenges and Solutions*

<i>Industry Challenges</i>	<i>Plant Ops Pro™ Solution</i>
<b>#1 Compliance</b>	
<ul style="list-style-type: none"> <li><input type="checkbox"/> Documenting Periodic and Corrective Work Orders</li> <li><input type="checkbox"/> Retrieving documentation from your system</li> <li><input type="checkbox"/> Effectively managing asset documents, e.g. manuals, checklists, etc.</li> <li><input type="checkbox"/> Working with the Joint Commission (TJC), CMS, OSHA, etc.</li> </ul>	<ul style="list-style-type: none"> <li>⇒ Provides a way to document all maintenance</li> <li>⇒ Improve communication i.e. TJC</li> <li>⇒ Prep for TJC inspections</li> <li>⇒ Ensures proper maintenance is performed</li> <li>⇒ Ease of communication with regulators</li> <li>⇒ Allows for the storage, retrieval and management of regulations pertaining each asset</li> </ul>
<b>#2 Life Expectancy Planning</b>	
<ul style="list-style-type: none"> <li><input type="checkbox"/> Determining Useful Life of Existing Assets</li> <li><input type="checkbox"/> ROI Trend Reporting</li> <li><input type="checkbox"/> Budgeting for Replacement</li> </ul>	<ul style="list-style-type: none"> <li>⇒ Establish and manage life expectancy timeline</li> <li>⇒ Numerous reports for validating, qualifying, and quantifying the purchase of replacement equipment</li> <li>⇒ Helps determine your asset's performance</li> </ul>
<b>#3 Managing Assets and Maintenance Information</b>	
<ul style="list-style-type: none"> <li><input type="checkbox"/> Periodic Maintenance Scheduling</li> <li><input type="checkbox"/> Notification of a Corrective Maintenance Request</li> <li><input type="checkbox"/> Managing Corrective Maintenance Work Orders</li> <li><input type="checkbox"/> Access to Periodic &amp; Corrective Maintenance History</li> <li><input type="checkbox"/> Technician Training and Certifications</li> <li><input type="checkbox"/> Monitoring and logging of temperature and humidity of various assets (<i>Environmental Monitoring</i>)</li> </ul>	<ul style="list-style-type: none"> <li>⇒ Provides you with ability to "set it and forget it"</li> <li>⇒ Automatically creates PM work orders</li> <li>⇒ Streamlines corrective maintenance work orders</li> <li>⇒ Manages employee training and certifications</li> <li>⇒ <i>Provides real-time remote monitoring of temperature and humidity for rooms, refrigerators, freezers and/or other assets</i></li> </ul>
<b>#4 Communications</b>	
<ul style="list-style-type: none"> <li><input type="checkbox"/> End-user corrective maintenance</li> <li><input type="checkbox"/> Technician work orders</li> <li><input type="checkbox"/> Administrative reporting</li> </ul>	<ul style="list-style-type: none"> <li>⇒ Ensures technicians receive work orders for performing PMs on time</li> <li>⇒ Provides users throughout the facility with an easy to use and access web submission form for corrective maintenance with confirmations of receipt and completion of work orders</li> <li>⇒ Provides administration with on-the-spot reporting for current work order activities and budgeting</li> </ul>
<b>#5 Maximizing Useful Life of Assets</b>	
<ul style="list-style-type: none"> <li><input type="checkbox"/> Proper periodic maintenance</li> <li><input type="checkbox"/> Timely corrective maintenance procedures</li> </ul>	<ul style="list-style-type: none"> <li>⇒ Ensures periodic maintenance is performed</li> <li>⇒ Tracks corrective maintenance issues</li> </ul>
<b>#6 Accountability</b>	
<ul style="list-style-type: none"> <li><input type="checkbox"/> Are technicians being notified of preventative and corrective maintenance issues</li> <li><input type="checkbox"/> Are end-users being notified of completed maintenance issues</li> <li><input type="checkbox"/> Is management able to track work load status</li> <li><input type="checkbox"/> Can management determine whether a vendor's products are living up to expectations?</li> </ul>	<ul style="list-style-type: none"> <li>⇒ Plants Ops is notified by end-users of corrective maintenance requests through internal POPS website</li> <li>⇒ Management can track work load status of tech's</li> <li>⇒ End-users are notified of completed maintenance requests</li> <li>⇒ Management can determine whether a vendor's products are living up to expectations</li> <li>⇒ Manages "keyed" assets, e.g. who has what key checked out</li> </ul>
<b>#7 Documents</b>	
<ul style="list-style-type: none"> <li><input type="checkbox"/> Asset manuals</li> <li><input type="checkbox"/> Recommended maintenance practices</li> <li><input type="checkbox"/> Applicable regulations</li> </ul>	<ul style="list-style-type: none"> <li>⇒ Store any type of electronic document, e.g. manuals, pictures, guideline documents, etc.</li> <li>⇒ Recommended maintenance practices</li> <li>⇒ Applicable regulations</li> </ul>