Learn to maintain the hardware and software of an NP1200 and/or NP700 Network Platform connected to a QCS LAN.

Course type and methods
This is an instructor led workshop with short presentations and demonstrations, extended exercises, and hands-on sessions and discussion.

Student Profile
This course is targeted to personnel responsible for maintaining a Network Platform QCS.

Prerequisites
Participants should have a basic knowledge of personal computers, process control and electronics.

Course objectives
Upon completion of this course the participants will be able to:
• Restart the Network Platform and enter date and time
• Scan the Network Platform
• Check power supply voltages using DVM and health pages
• Use configuration utility to modify the NP database
• Use the diagnostic utility to troubleshoot I/O problems
• Debug utility to troubleshoot I/O problems
• Install a software update
• Perform platform tuning
• Use standard procedures to standardize and check the sensors
• Review standardize history and a sample check history
• Use check samples to determine if a sensor is measuring correctly
• Start the workstation and use the health reports to check sensors
• Back-up and restore software
• Maintain hardware, power supplies, process signals, and electronics
• Interpret indicator LEDs and check switch positions
• Perform NP700 preventive and corrective maintenance
• Perform NP1200 preventive and corrective maintenance
• Perform Sensor preventive and corrective maintenance

• Sensors included in the training:
  ◦ Basis Weight
  ◦ STLK-11, STPL-3, and TLS-1
  ◦ IR Moisture
  ◦ Hemi-Plus, Reflection-Plus, High Performance IR
  ◦ Color
  ◦ Smart, High Performance
  ◦ Caliper
  ◦ GT, GT Light Touch
  ◦ Ash
  ◦ STLXR-3
  ◦ Optipak

Duration
The duration is 10 days
## Course Outline

<table>
<thead>
<tr>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introduction</strong></td>
<td>Review - Q/A</td>
<td>Review - Q/A</td>
<td>Review - Q/A</td>
<td>Review - Q/A</td>
</tr>
<tr>
<td>• System Introduction</td>
<td>• Health Pages</td>
<td>• Update Tool</td>
<td>• Frame Tuning</td>
<td>• Network Platform</td>
</tr>
<tr>
<td>• Documentation Overview</td>
<td>• Diagnostic Tool</td>
<td>• Scanner IP Address</td>
<td>• Frame Positioning Setup</td>
<td>• Mechanical Maintenance</td>
</tr>
<tr>
<td>• Network Platform Electrical Overview</td>
<td>• Configuration Tool</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• ASPC Hardware</td>
<td>• Debug Tool</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day 6</th>
<th>Day 7</th>
<th>Day 8</th>
<th>Day 9</th>
<th>Day 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review - Q/A</td>
<td>Review - Q/A</td>
<td>Review - Q/A</td>
<td>Review - Q/A</td>
<td>Review - Q/A</td>
</tr>
<tr>
<td>• Smart Basis Weight Sensor</td>
<td>• IR Moisture Sensor</td>
<td>• GT Caliper Sensor</td>
<td>• Color Sensor Overview</td>
<td>• Review and Helpful hints</td>
</tr>
<tr>
<td>• Smart 3C Ash Sensor</td>
<td>• Optipak Sensor</td>
<td></td>
<td>• Sensor Correlation overview (time permitting)</td>
<td></td>
</tr>
<tr>
<td>• Air Column</td>
<td></td>
<td></td>
<td></td>
<td>• Final Exam</td>
</tr>
</tbody>
</table>

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