**Background**
Support for Windows XP ended in April 2014, and the maintenance stations running on WinXP were moved to the Obsolete life cycle stage.

**Maintenance Station - Product life cycle**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Status</th>
<th>Services and Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage 1</td>
<td>Active</td>
<td>Full range of life cycle services and support</td>
</tr>
<tr>
<td>Stage 2</td>
<td>Classic</td>
<td>Full range of life cycle services and support</td>
</tr>
<tr>
<td>Stage 3</td>
<td>Limited</td>
<td>Limited range of life cycle services and support</td>
</tr>
<tr>
<td>Stage 4</td>
<td>Obsolete</td>
<td>Replacement and end-of-life services</td>
</tr>
</tbody>
</table>

**Current life cycle status**
Current life cycle depends on the operating system of the PC. Systems in the obsolete stage should be replaced.

Maintenance stations with:
- WinXP are in Obsolete stage
- Win7 are in Limited Stage
- Win10 are in Classic Stage

**Service availability in classic phase**
- Spare parts
- Technical support

**Propulsion Control Maintenance Station**
Upgrade from WinXP to Win10 with 800xA HMI

01 System upgrade to Win10 and HMI upgrade to 800xA
Upgrade benefits
Due to end of life time of Windows XP, an upgrade of the operating system as well as HMI enables faster problem solving and support from ABB.
- Up to date Operating System (Win10 and later)
- Up to date operating system patches
- Latest Anti-Virus System and enabled Cyber Security
- Updatability of the 800xA to latest version
- Possibility of fast system back-up and restoring
- History viewer with playback function
- PCS signals connected and monitored by RDS

RDS
ABB Ability™ Remote Diagnostic System (RDS) is an ABB diagnostic tool providing troubleshooting and condition monitoring solutions for electrical and mechanical systems installed onboard the vessel with possibilities for remote assistance from the ABB Ability™ Collaborative Operations Center. All signals, alarms, faults and events on the Maintenance Station are now available for monitoring on the RDS system.

Turnkey delivery including:
- New computer and wide screen monitor
- Mariner kit for mounting the computer
- A new, more compact telegraph printer
- Installation, commissioning and testing by ABB