

**DAKS Data Server**

Processor	<ul style="list-style-type: none"> <li>◆ Minimum: 2 GHz or greater</li> </ul>
Memory	<ul style="list-style-type: none"> <li>◆ Minimum: 2 GB (4 GB recommended for larger, multi-Operator/Administrator deployments)</li> </ul>
Disk Space	<ul style="list-style-type: none"> <li>◆ Minimum: 20 GB available to application</li> </ul>
Operating System	<ul style="list-style-type: none"> <li>◆ Windows Server 2012 R2</li> <li>◆ Windows Server 2016</li> </ul> <p>Note: A virtualized Operating System is supported provided the minimum system resources outlined herein are made available to the DAKS application. As many components of DAKS are real-time in nature, application performance may degrade if adequate system resources are not available.</p>
Open/Unblocked Network Ports	<ul style="list-style-type: none"> <li>◆ 25: SMTP (optional, only for e-mail broadcasts and/or Mail2Phone)</li> <li>◆ 389: LDAP (optional, only for LDAP interface for Administration Tool)</li> <li>◆ 514: Syslog (optional)</li> <li>◆ 2000: Operator Tool interface (reconfigurable by system administrator)</li> <li>◆ 2001: DAKS Communications Server interface (reconfigurable by system administrator)</li> <li>◆ 2002: Wireless Port (reconfigurable by system administrator)</li> <li>◆ 2003: xLink-100 (optional, reconfigurable by system administrator)</li> <li>◆ 2016: Administration Tool interface (reconfigurable by system administrator)</li> <li>◆ 2028: Database server and Processor use</li> <li>◆ 2180: VCON Tool</li> <li>◆ 2181: VCON Tool</li> </ul>
Serial Port	<ul style="list-style-type: none"> <li>◆ Minimum: 1</li> </ul>
Other	<ul style="list-style-type: none"> <li>◆ CD ROM Drive, Keyboard, and Mouse</li> <li>◆ 24 bit sound card with speakers or headphones (required for Text-to-Speech module)</li> <li>◆ Windows Media Player V 7 or later (optional, but required for Text-to-Speech module)</li> <li>◆ SVGA color monitor capable of 1024x768 resolution and 256 colors</li> <li>◆ .NET Framework v 4.x</li> <li>◆ Microsoft Visual C++ 2008 Redistributable Package (x86)</li> <li>◆ Network interface card with 100Mbps connection (full duplex)</li> <li>◆ DAKS e-mail functions (optional)</li> </ul> <p>Notes:</p> <ul style="list-style-type: none"> <li>◆ A second NIC may be utilized depending on the network configuration requirements (e.g. if the DAKS Communication Server is to be on an isolated network)</li> <li>◆ SMTP Mail Server must be configured and accessible to the DAKS Communication Server and/or the DAKS Data Server.</li> </ul>
Remote Support	<ul style="list-style-type: none"> <li>◆ Remote access rights provided by customer to Impact Technical Support team</li> <li>◆ Impact uses TeamViewer or GoToAssist for remote installation and support</li> </ul>

### DAKS Administration/Operations Client Workstations

Processor	<ul style="list-style-type: none"> <li>◆ Minimum: 2 GHz or greater</li> </ul>
Memory	<ul style="list-style-type: none"> <li>◆ Minimum: 1 GB</li> </ul>
Operating System	<ul style="list-style-type: none"> <li>◆ Windows 7 or 10</li> <li>◆ Windows Server 2012 R2</li> <li>◆ Windows Server 2016</li> </ul>
Open/Unblocked Network Ports	<ul style="list-style-type: none"> <li>◆ 389: LDAP (optional, only for LDAP interface for Administration Tool)</li> <li>◆ 514: Syslog (optional)</li> <li>◆ 2000: Operator Tool</li> <li>◆ 2016: Administrator Tool</li> </ul>
Other	<ul style="list-style-type: none"> <li>• CD ROM Drive, Keyboard, and Mouse</li> <li>• SVGA color monitor capable of 1024x768 resolution and 256 colors</li> <li>• 24 bit sound card with speakers or headphones (optional)</li> <li>• Windows Media Player Version 7 or later (optional)</li> <li>• Network interface card with 100Mbps connection (full duplex)</li> <li>• .NET Framework v 4.x</li> <li>• Microsoft Visual C++ 2008 Redistributable Package (x86)</li> </ul>

### DAKS Communication Server Specifications

Dimensions	<ul style="list-style-type: none"> <li>◆ Height - 150 mm / 5.9"</li> <li>◆ Width - 449 mm / 17.7"</li> <li>◆ Depth - 282 mm / 11.1"</li> <li>◆ 3U 19" rack mountable or table top</li> </ul>
Weight	<ul style="list-style-type: none"> <li>◆ Max. Configuration – 7500 g / 16.5 lbs</li> </ul>
Electric Power Supply	<ul style="list-style-type: none"> <li>◆ AC Power Supply               <ul style="list-style-type: none"> <li>+ Voltage Range – 100 V – 240 V 50/60 Hz</li> <li>+ Electric Current Requirement – 0.55 A – 0.39 A</li> </ul> </li> <li>◆ DC Power Supply               <ul style="list-style-type: none"> <li>+ Voltage Range – 36 V – 60 V</li> <li>+ Electric Current Requirement – 1.3 A – 0.8 A</li> </ul> </li> </ul>
Operating Temperature	5° C – 35° C / 41° F – 95° F
Heat Dissipation	60 W
Rel. Humidity	5% to 80% (non-condensing)
MTBF	> 400,000 hours (over a 5-year period under report)