Before ordering servers or workstations please confirm the specifications shown below with Impact Technologies as specifications are subject to change without notice.

Impact Technologies leverages web collaboration technologies for remote installation and support. This requires the Impact Technologies technical support team be provided remote access to all servers and workstations.

Server for Traffic Analyst Application and Web Services

The server configuration for hosting the Traffic Analyst and OnTraQ applications depends on the modules in use, the switches and the means of communication.

OnTraQ Note: The OnTraQ Server application and CAP Server v3 R12 application reside on the same physical server. The Traffic Analyst application can also reside on the same server. In the case where multiple OnTraQ /CAP servers are required, it is then recommended to install OnTraQ/CAP on separate servers.

	Dedicated	Virtual Machine
Processor Minimum	Two (2) Processors: 2 GHz Intel Xeon Quad Core	Three (3) Cores assigned to Traffic Analyst, plus one (1) Core for OnTraQ
Memory Minimum	10 GB 1333 MHz optimized for two (2) processors	10 GB with 8 GB dedicated/reserved
Disk Storage	◆ Minimum: 500 GB available to application ◆ Minimum: 10,000 RPM hard drive	◆ Minimum: 500 GB ◆ 10,000 RPM hard drive, iSCSI or FiberChannel
Operating System	◆ Windows Server 2019 (Standard Edition) ◆ Windows Server 2016 (Standard Edition) ◆ Windows Server 2012 R2 (Standard Edition) ◆ Disable UAC ◆ Internet Information Services (IIS) 8.0 - Windows Server 2012 ◆ Internet Information Services (IIS) 10.0	
Open/ Unblocked Network Ports	20: Telnet control 21: FTP 22: SFTP (required only for Unify OpenScape Voice or HiPath 4000 V6) 23: Telnet 25: SMTP (E-mail) 80: Web access 162: QoS SNMP traps (optional, only for Unify OpenScape Voice or HiPath 4000 QoS data collection) 513: rlogin (Nortel switch only) 957: Required only if OnTraQ Server application and Traffic Analyst Database are on separate servers 2638: Database 4001: Traffic Analyst Client access 8443: Cisco UCM (for extensions and route pool and trunk group names API) 8768: Unify OpenScape Voice (for route pool and trunk group names API) 9999: Lantronix (optional, only if using Lantronix UDS-10 to convert serial communication to IP) 10001: Lantronix (optional, only if using Lantronix UDS-10 to convert serial communication to IP) 27069: Required only for Unify HiPath 3000 32001: Client access (required only for OnTraQ)	
Other	◆ CD ROM/DVD drive, keyboard and mouse ◆ Monitor ◆ Printer - network or local ◆ Network interface card with 100Mbs connection ◆ 2nd Network interface card with 100Mbs connection (optional, only for Unify OpenScape Voice or HiPath 4000 QoS data collection if phones on separate network) ◆ SMTP Mail Server must be accessible and configured if e-mail service is to be performed (optional) ◆ Microsoft Internet Explorer 8, 9, 10 or 11 ◆ Microsoft Silverlight 5.x ◆ .NET Framework v 4.7 ◆ ASP.NET 4.0 or later (required only for OnTraQ) ◆ SNMP Services and SNMP Trap (optional, only for Unify OpenScape Voice or HiPath 4000 QoS data collection) ◆ FTP or SFTP server for data collection (required for Cisco UCM; optional for Unify OpenScape Voice)	

Dedicated Server for OnTraQ and CAP

Operating System	◆ Windows Server 2019 (Standard Edition) ◆ Windows Server 2016 (Standard Edition) ◆ Windows Server 2012 R2 (Standard Edition) ◆ Disable UAC ◆ Internet Information Services (IIS) 8.0 - Windows Server 2012 ◆ Internet Information Services (IIS) 10.0
Processor	◆ Minimum: 3 Ghz Dual Core Xeon
Memory	◆ Minimum: 2 GB
Disk Space	◆ Minimum: 20 GB available to application ◆ Minimum: 7,200 RPM hard drive
Open/ Unblocked Network Ports	80: Web access 957: Traffic Analyst access 2638: Database access 32001: Client access
Other	◆ CD ROM drive, keyboard and mouse ◆ Monitor capable of 1600 X 1024 resolution ◆ Printer - network or local ◆ 1 Network Interface Cards with 100 Mbs connection (2 cards required if using AtlanticLAN for HiPath 4000 V5 or earlier) ◆ Microsoft Internet Explorer 8, 9, 10 or 11 ◆ .NET Framework v 4.7 ◆ ASP.NET 4.0 or later

End User Workstation for OnTraQ Supervisor Client

Operating System	◆ Windows 10 ◆ Windows 8 ◆ Windows 7
Processor	◆ Minimum: Intel Core i5 2400 Processor (3.1 GHz, 6M) or equivalent
Memory	◆ Minimum: 2 GB
Disk Space	◆ Minimum: 30 MB
Open & Available Network Ports	80: Web access 32001: OnTraQ Server
Other	◆ Keyboard and mouse ◆ Monitor capable of 1600 X 1024 resolution ◆ Printer: network or local ◆ Network Interface Card (Minimum: 100 Mb LAN) ◆ CD ROM drive (optional) ◆ .NET Framework v 4.7 ◆ PDF reader ◆ Microsoft Excel

The following is only applicable if implementation includes Traffic Analyst Call Forensics and/or Network modules in addition to OnTraQ.

End User Workstation for Dashboard

Operating System	◆ Windows 10 ◆ Windows 8 ◆ Windows 7 (64 bit)
Processor	◆ Minimum: Intel Core i5 2400 Processor (3.1 GHz, 6M) or equivalent
Memory	◆ Minimum: 4 GB
Disk Space	◆ Minimum: 100 GB
Open & Available Network Ports	80: Web access
Other	◆ Keyboard and mouse ◆ Monitor capable 1600 X 1024 resolution ◆ Printer: network or local ◆ Network Interface Card (Minimum: 100 Mb LAN) ◆ Microsoft Internet Explorer 8, 9, 10 or 11 ◆ Microsoft Silverlight 5.x ◆ .Net Framework v 4.7 ◆ PDF reader ◆ Microsoft Excel