

ViewPoint Server Ports and Protocols

Introduction

The purpose of this document is to provide a detailed description of the ViewPoint server ports and protocol requirements for all devices connecting to the system, including a visual reference for how the devices interact with each ViewPoint module.

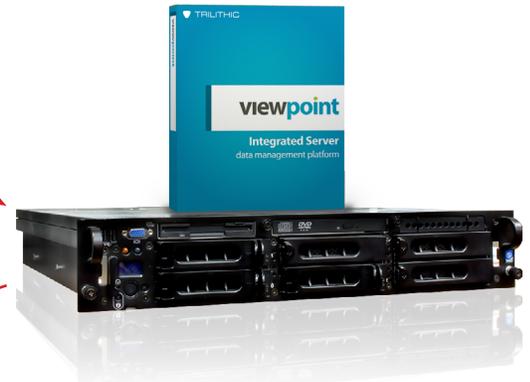


1 Outside Connections

Web Pages
HTTP Port 80 or HTTPS Port 443
(incoming)



Remote MS SQL Server Database (optional)
TCP Port 1433
(outgoing)



ViewPoint Application Server

2 WFM Module

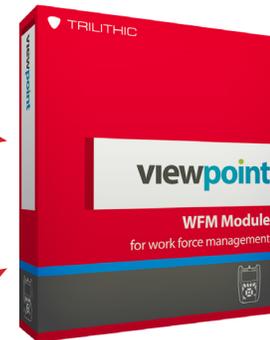
New DSP Family
(180, 360, 720, 1G DSP)

HTTP Port 80 or HTTPS Port 443
(incoming)



Original DSP Family
(860 DSP, DSPi)

HTTP Port 80 or HTTPS Port 443



WFM Module



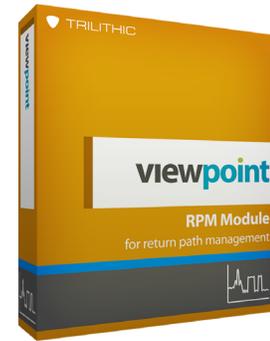
ViewPoint now supports New DSP Family meter connections on a separate user-defined port. For example, port 443 can be opened for internal connections only, to limit access to the webpages, and port 24443 can be configured for external meter connections.



The 860 DSP or 860 DSPi must have a network address that is directly accessible by the server, e.g. either an internet (DOCSIS) address or on the same LAN (and connecting to ViewPoint using the LAN address, not the internet address), not going through a proxy or on a private local subnet.

3 RPM Module

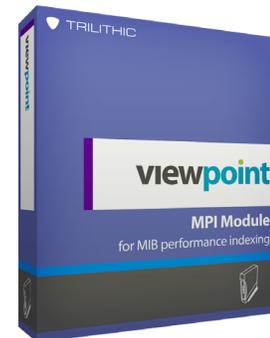
9581 SST
Headend Return Monitor
TCP Port 24007 (outgoing)



RPM Module

4 MPI Module

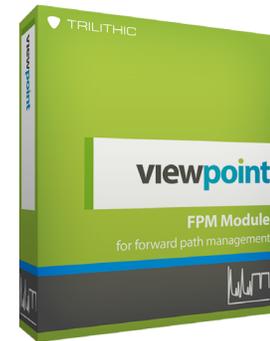
CMTS
UDP Port 161 (outgoing)



MPI Module

5 FPM Module

860 DSPh
Remote Headend Analyzer
TCP Port 24007 (outgoing)
UDP Port 161 (outgoing)



FPM Module



NOTE

For Additional Help, Contact Trilithic Applications Engineering
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