



PathTrak Installation and Commissioning Services

Fast and easy turn up of your system by experienced Viavi Solutions® engineers

Our PathTrak installation and commissioning service is delivered by experienced Viavi service engineers. They work with your team to efficiently perform remote installation and configuration, and bring your new PathTrak system in-service working at its best.

Service Planning

The Viavi service team works directly with you to ensure a clear understanding of IT/networking requirements, provide guidance and assistance during hardware installation as required, and schedule a remote turn-up service at a mutually-agreed date. Typical timing for remote installation and commissioning of a PathTrak system is 1 to 2 days.

System Installation and Configuration

A Viavi service engineer remotely installs PathTrak server software and integrates measurement and communications hardware. The engineer then demonstrates system configuration tasks including port label imports, user/group visibilities and permissions, and monitoring/alarming functions on a subset of nodes in the system. If required IP connectivity is made available, the engineer configures remote access for Viavi field meters and Android/iOS mobile devices.

System In-Service Testing

Once online, the Viavi service engineer executes a basic set of turn-up test cases to verify the system is operational and ready for use. Test cases validate correct operation of live spectrum and QAM analyzers, monitoring/alarming processes, and remote/mobile app access where applicable.

Key Benefits

- Experienced engineers minimize implementation time and cost
- Timely, reliable delivery of service at a mutually-agreed time
- Validated install handover ready for operational use

Key Features

- Service planning
- System installation
- Software configuration and training
- System in-service testing

Part No.

- PT-INST-PKG-STD

Applicable Products

- PT-SERVER-160
- PT-SERVER-1000
- PT-SERVER-2000
- PT-SERVER-5000

	Viavi Responsibilities	Customer Responsibilities
Site Preparation	<ul style="list-style-type: none"> Consult with customer on requirements checklist 	<ul style="list-style-type: none"> Physically install system components <ul style="list-style-type: none"> Server hardware with compatible OS installed HCU/HSMs racked up and powered (HSMs optional) HSMs connected to parent HCU via provided RS-232 cable (HSMs optional) Connect RF feeds to HCUs at recommended RF power levels Valid TCP/IP connectivity between server/HCUs per Viavi requirements including required ports opened Ensure external IP access in place if PC access via public internet, mobile app usage, or field meter interaction is desired Provide single point of contact (admin) for installation and commissioning process
System Configuration	<ul style="list-style-type: none"> Install PathTrak server software on customer-provided HW/OS License the system Integrate PathTrak hardware with server <ul style="list-style-type: none"> Integrate up to 65 HCUs into system (HCUs already installed with IP connectivity to server) Integrate up to 10 HSM-1000s into system (HSMs already installed) Configuration <ul style="list-style-type: none"> Configure external access if desired (assumes IT prerequisites met) Configure LDAP if desired (assumes IT prerequisites met) Demo RPM port label import process Demo/perform UCD import for up to 5 nodes Demo spectral monitoring plan creation for 1 node Demo alarm/notification configuration for 1 node Demo user ID/group setup and configuration 	<ul style="list-style-type: none"> Provide Viavi with configuration information <ul style="list-style-type: none"> IP addresses Port names Remote desktop access (admin Level) DSAM available for UCD collection Combined upstream/downstream test point access for at least one sample node Admin available during configuration process for training purposes
Training*	<ul style="list-style-type: none"> Provide up to 2 hours of remote user training Provide up to 2 hours of remote admin training in addition to that delivered during system setup and configuration steps 	<ul style="list-style-type: none"> Provide list of participants for user training session
Acceptance	<ul style="list-style-type: none"> Perform acceptance testing Notify customer of system availability 	<ul style="list-style-type: none"> Acknowledge system is in-service and accepted

* Training time to be used by customer within 60 days of confirmed receipt of purchase order.

For more information on this or other products and their availability, please contact your local Viavi account manager:
<http://www.viavisolutions.com/en/corporate/about-us/contact-us>.

Visit our Services information page: <http://www.viavisolutions.com/en/services-and-support/services/systems-services>.



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