

PTX SERIES INSERTION ASSESSMENT

Service Overview

With the revenues for new applications and services not keeping up with capital and operating expenses, service providers are challenged to rethink their network core architecture to decrease costs per bit. The network core is the nerve center of the provider's revenue generating machine, and it must adapt to a new dimension in scale yet reduce architecture complexity to ensure performance. Many providers are planning to deploy a next-generation packet core network infrastructure, and Juniper Networks PTX Series Packet Core Switches can simplify their network architecture and deployments.

Service Description

This service gives providers guidance about potential cost savings from the insertion of Juniper Networks® PTX Series Packet Core Switches into their network infrastructure.

Capital Expenditure (CapEx) Savings

- Reduction in number of core nodes through consolidation and deployment of higher capacity elements
- Creation of a converged supercore infrastructure by means of packet/optical synergies

Operational Expenditure (OpEx) Savings

- Reduced costs for provisioning and configuring services
- Lowered power consumption, cooling needs, and other facilities costs

Project phases include:

- Understanding your key business and technical drivers, the challenges faced in your present infrastructure that are driving the need for a change, and anticipated traffic growth over the next 2-3 years
- Discussing your existing OpEx model for supporting the current architecture, and the anticipated CapEx due to growing the existing architecture to meet traffic growth projections
- Creating an analysis comparing the present platform with the PTX Series and highlighting the advantages of using a PTX Series-based architecture to meet current and future goals

Typically, up to two workshops are held at the customer's site or virtually, and a final customer presentation of the results is provided.

Features and Benefits

A Juniper consultant will provide a written report summarizing the business and technical benefits of adopting PTX Series Packet Core Switches as the platform deployed in the core of the network. Key areas of focus in this analysis and report include operational savings, total cost of ownership (TCO), simplicity in the deployment, seamless insertion of the platform, and nuances specific to Operation, Administration, and Maintenance (OAM) and migration.

The PTX Series Insertion Assessment service provides Juniper customers with an understanding of the financial advantages of a PTX Series-based architecture, and it shows how the PTX Series can address key areas of concern, such as ease of adoption. As a key decision maker, this service also helps prepare you to respond to questions from within your organization regarding the PTX Series.

Juniper Networks Professional Services

As leaders in networks and security, Juniper's Professional Services Consultants and engineers are uniquely qualified to assist service providers in designing, implementing, and optimizing network solutions. Our team appreciates the complexities and the subtleties inherent in large-scale internetwork design and can assist, or provide customized and integrated "turn-key" solutions.

Our process is to apply appropriate efforts and resources to analyze the network from an end-to-end perspective. This allows the Juniper consultants to review the existing network and give advice about solutions or specific fixes to deploy.

Juniper Networks Professional Services helps accelerate your network's time to value, bringing revenue generating capabilities online faster for bigger productivity gains, faster rollouts of new business models and ventures, greater market reach, and higher levels of customer satisfaction. Your onsite staff will work closely with Juniper specialists, building operational capabilities and reducing your exposure to IT risks. As a result of our previous experience involving hundreds of networks around the world, Juniper Networks Professional Services is uniquely qualified to help customers design, implement, and optimize their networks for confident operation and rapid returns on infrastructure investments. These professionals understand today's Internet demands and those that are just around the corner—for bandwidth efficiency, best-in-class security, solid reliability, and cost-effective scaling.

Juniper Networks Service and Support

Juniper Networks is the leader in performance-enabling services that are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to maximize operational efficiency while reducing costs and minimizing risk, achieving a faster time to value for your network. Juniper Networks ensures operational excellence by optimizing the network to maintain required levels of performance, reliability, and availability. For more details, please visit www.juniper.net/us/en/products-services.

Ordering Information

The Juniper Networks PTX Series Insertion Assessment service can be ordered using the part number shown in the table below. Before the service begins, a statement of work (SOW) will be established outlining the scope of effort to be performed.

Model Number	Name
PRO-PTX-INS-ASSESS	PTX Series Insertion Assessment Service

About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at www.juniper.net.

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To purchase Juniper Networks solutions, please contact your Juniper Networks representative at 1-866-298-6428 or authorized reseller.

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