

# Cisco Services for Cisco Tetration Analytics



## Benefits

- Achieve optimal design for the Cisco Tetration™ platform and scale
- Reduce application discovery effort with help from Cisco® experts and best practices
- Increase the value of the Cisco Tetration Analytics™ solution with expert system analysis to tune machine learning
- Increase your knowledge to fully benefit from the Cisco Tetration™ platform
- Improve operation performance for your Cisco Tetration platform with ongoing support from experts
- Rapidly evolve your data center policies aligned to your changing business needs
- Simplify operational decisions regarding complex data center application migration

## Real-Time Visibility with Deep Forensics and Behavior-Based Application Insight

What if you could actually look at and understand every data packet that has ever traversed your network?

In today's environment of rapid application deployment and application mobility, network traffic is predominantly east-west, and data centers are becoming increasingly complex. This surge in east-west traffic exacerbates the challenges for data center operations. Without full visibility into network traffic, IT has difficulty fully understanding exact application communication patterns and implementing policies between different application tiers.

The [Cisco Tetration Analytics™](#) solution provides pervasive visibility into your data center and cloud environments that was not possible before. By using both hardware and software sensors deployed across the data center infrastructure, the platform collects every packet and every flow at every speed. This new visibility enables you to have a more nimble, agile, and responsive environment to support all the network and application changes coming your way.

If limited skills or resources are preventing your organization from taking full advantage of this new technology, then consider adding Cisco® Services to your implementation strategy. Our professional and support services can help increase your time to value, reduce risk in your production environment, and help you benefit the most from the Cisco Tetration™ platform.

We can help you integrate the platform into your production data center environment, define use cases relevant to your business objectives, tune machine learning, and validate policies and compliance to improve application and operation performance.

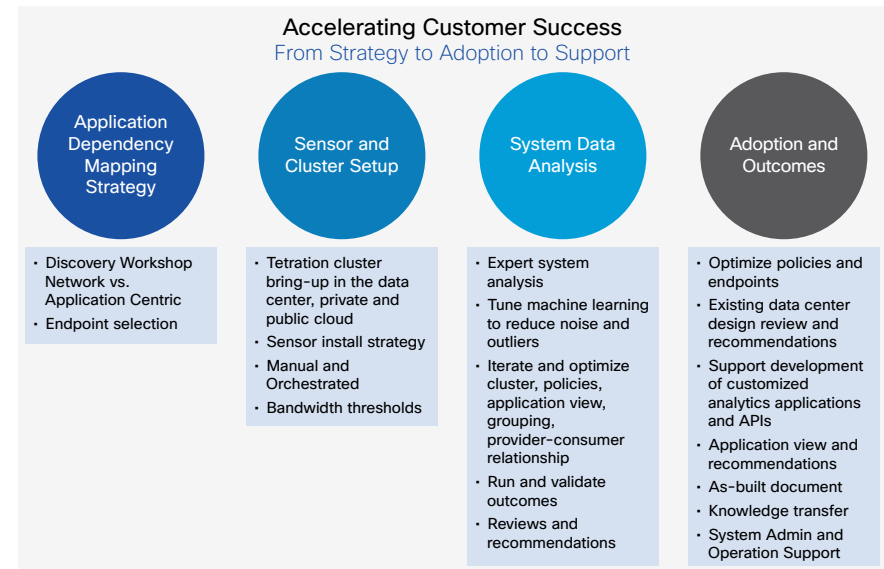
### Faster Time to Value with Cisco Services for Cisco Tetration Analytics

The Cisco Tetration Analytics solution can deliver significant advantages for your business. To help you quickly gain the benefits of your Cisco Tetration platform while also mitigating implementation risks, we offer a comprehensive portfolio of services. These services provide expert guidance to help you accomplish your business and technical goals. Our services can help you:

- Identify and address technical and operational readiness to effectively deploy this solution to support your target use cases
- Define parameters and bring up clusters with relevant system checks
- Install sensors to increase the effectiveness of data collection from your network
- Analyze and verify application dependencies and compliance
- Deploy and integrate the Cisco Tetration platform in data centers, tune machine learning, and validate policies and compliance to improve application and operation performance
- Achieve faster time to value, with comprehensive adoption, optimized policies, increased application visibility, and solution wide support
- Optimize your Cisco Tetration environment, supporting upgrades, system administration, and ongoing operations

Our Cisco Tetration Services portfolio provides a range of professional, solution, and product support services, from strategy to adoption to ongoing support (Figure 1). When engaged early, we can help you better align your business and IT goals as well as offset costs associated with unnecessary and unplanned rework and lack of operational readiness that often result from poor or uninformed planning. Cisco's experts help eliminate points of failure through careful design and the application of best practices.

Figure 1. Cisco Services for Cisco Tetration Analytics



### Put Cisco Expertise to Work to Accelerate Your Success

**Advise:** Cisco Advisory Services help you to determine the right strategy with detailed analysis and assessments and planning and design activities. These services help guide you through the steps necessary to gauge the merits of the solution and prepare for a successful solution deployment.

**Implement:** Cisco Services provide the expert assistance needed to implement the solution. Cisco Implementation and Testing Services help you develop and implement detailed test plans; develop implementation plans; and install, configure, and integrate new solutions in your production network.

**Optimize:** In addition to helping you increase operational efficiency, reduce support costs, and improve network risk management through automated network-equipment inventory management and award-winning support services, Cisco Optimization Services help you achieve efficiency and agility in your production environment. We provide the expert guidance needed to increase the resiliency, recoverability, and robustness of the entire data center and network.

Cisco and our industry-leading data center partners offer a selection of custom and fixed-price, fixed-scope services for the Cisco Tetration Analytics solution to help you quickly and safely accelerate your deployment of this new technology. With our expertise and knowledge, you can gain the full potential of this platform in your environment and quickly reap the benefits of your Cisco Tetration Analytics solution.

#### Available custom services include:

- **Cisco Advise and Implement Services for Cisco Tetration** are custom services scoped to meet your specific business and technical objectives. These services help you with design review, cluster activation, sensor placement strategy and installation, application dependency mapping (ADM) for runtime and compliance, customer dashboard creation, policy implementation recommendation, and knowledge transfer.
- **Cisco Optimization Service for Cisco Tetration** is an annual subscription offer that provides ongoing support for your Cisco Tetration Analytics production environment. It includes upgrade support, site and systems administration, policy, and analytics support. Ongoing operation, change management, and ADM for runtime and compliance are included as well as knowledge transfer.

#### Available fixed-price services include:

- [Cisco Quick Start Service for Cisco Tetration Analytics Medium](#)
- [Cisco Quick Start Service for Cisco Tetration Analytics Solution](#)

These services offer the same core deliverables as custom engagement services and are designed to help you achieve the specific goals you have set for your Cisco Tetration Analytics project. These services include such deliverables as:

- Expert planning, modeling, and implementation to bring the Cisco Tetration Analytics cluster into production within four weeks
- Customized as-built documentation articulating the optimal deployment and policy model, with recommended next steps and an operational guide for scaling the implementation throughout the production environment
- Cluster setup and software installation

- Assistance with sensor installation
- Application Dependency Mapping (ADM) analysis of applications
- Application views, checkpoints, and compliance review and recommendations
- Recommended whitelist policies with endpoint group (EPG) definitions
- Hands-on knowledge transfer
- Software upgrades and operations
- Use case led services approach around transformative opportunities such as Data Center Application Migration & Consolidation, Application landscape discovery and visibility, and whitelist policies
- Review of the existing data center design to understand the current data center infrastructure and requirements for the future data center policy framework and provide policy implementation recommendations

In addition to our custom and fixed-priced services, we offer Cisco Solution Support for Cisco Tetration Analytics, which provides hardware, software, and solution-level support. This service centralizes support across your multivendor Tetration Analytics environment. So whether there is an issue with a Cisco or solution partner product, just call us. Our experts are the primary point of contact and own the case from first call to resolution. This service includes both Cisco product support and solution-level support, resolving complex issues in multivendor environments 41% more quickly than product support alone.

With the expertise of Cisco Services for Cisco Tetration Analytics, you experience faster time to value, comprehensive adoption in your environment, optimized policies and application performance, and solutionwide support.

#### Next Steps

To learn more about how Cisco Services can help you successfully and quickly deploy the Cisco Tetration Analytics solution, visit <http://www.cisco.com/go/dcservices> or contact your Cisco sales representative or Cisco authorized partner.