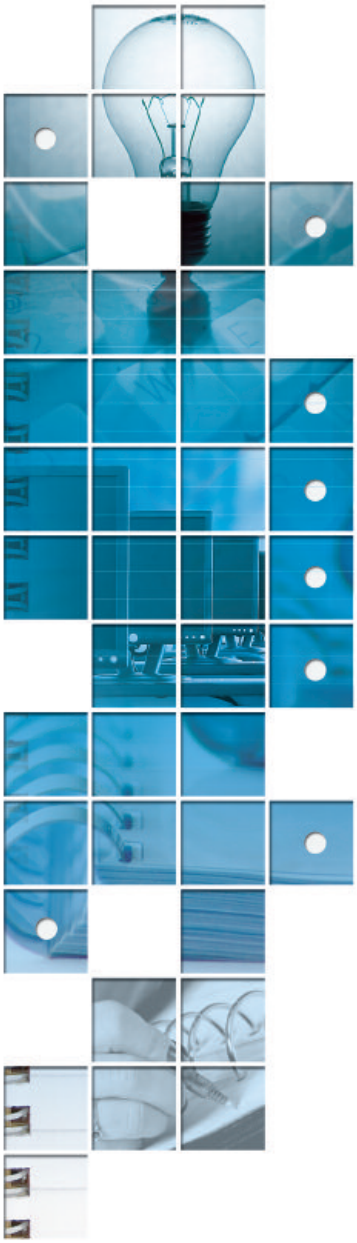
Consulting Services



The OPNET Technologies, Inc. (OPNET) consulting services team has expert knowledge of OPNET software and specialized technical expertise in networking, applications, and systems. OPNET's consulting engineers possess degrees ranging from BS/BE to MS and PhD, experience levels up to 30 years, and security clearances up to TS/SCI with full scope polygraph. Specialized services and capabilities include:

Application Performance Management

Today's IT environments consist of large network infrastructures, multi-tier systems hosting sophisticated applications, complex routing configurations, and heterogeneous network-based services. OPNET offers consulting services based on proven enabling technologies and best practice methodologies to ensure that end-to-end application performance meets service level objectives before and after operational deployment. Our enabling technologies and services encompass application analytics for networked applications, application analytics for quality assurance, and application stress testing.

Network Operations

OPNET IT Sentinel™ and SP Sentinel™ enable organizations to ensure network integrity and security. IT Sentinel and SP Sentinel perform automated, systematic, network-wide configuration audits of the production network, identifying configuration errors that can impact network availability, performance, and security. OPNET offers a suite of consulting services specifically designed to enable users to maximize the value they realize from their investment in IT Sentinel or SP Sentinel. These services include implementation, knowledge transfer, remote or on-site monitoring, and on-site staff augmentation.

Network R&D

OPNET's consulting engineers are available to support R&D planning for complex networks that leverage the latest technologies and protocols. Our staff has an in-depth understanding of networking technologies (e.g., IP, Optical, Satellite, and Wireless), protocols (e.g., IPv6, MANET, MPLS, QoS, WiMAX, WLAN, etc.), and optimization techniques. This knowledge, combined with enabling technologies such as hybrid and discrete event simulation, system-in-the-loop, 3D visualization, and a comprehensive model library of devices, applications, and protocols, allows OPNET to rapidly model and analyze sophisticated networks to optimize performance.

Capacity Planning and Design

OPNET consulting engineers provide capacity planning and design services for complex Layer 2/3 networks. OPNET models the behavior of networks from an end-to-end perspective, including routers, switches, protocols, servers, and the individual applications they support. We enable our customers to effectively plan the deployment of new applications and technologies (e.g., VoIP), tune server performance, properly size capacity to support projected traffic growth, achieve service level compliance through QoS and traffic engineering, and ensure network survivability and security.

Full Time On-Site Staff Augmentation

Given the dynamic nature of IT operations and evolving business demands, organizations may wish to outsource some of their network and application performance management functions. In response, OPNET offers full time, on-site staff augmentation services to perform daily IT performance analysis, planning, troubleshooting, and management.

Classified Government Consulting

OPNET consulting engineers possess security clearance levels ranging from Secret through TS/SCI with full scope polygraph. Additionally, OPNET's accredited TS/SCI SCIF located in Bethesda, MD is available to perform classified work for the Government.

Custom Solutions

OPNET's skilled consulting engineers are available to develop custom solutions based on OPNET commercial-off-the-shelf (COTS) software. OPNET leverages its COTS software to lower development costs, improve delivery time, and create innovative architectures and workflows. Example customization projects include network common operational picture (NETCOP) solutions, specialized planning environments for military applications, and custom device and protocol models not currently supported in the OPNET standard model library.

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