

You have invested a lot of time, money and resources into the deployment of your enterprise class software applications (e.g. ERP, CRM, SCM). After all, these systems are the most strategic IT investment made by multinationals. Yet, until now there was no way to determine the impact of these resource-intensive applications on your current and planned enterprise-wide network.

## CORPORATE SERVICES

BT Infonet's Network Analysis Program (NAP) predicts the impact of applications on the network, and via a multi-day professional services engagement determines:

- >> Existence of over-provisioning/ under-provisioning
- >> Network response time
- >> Potential bottlenecks
- >> Application contention for shared resources
- >> Written analysis report
- >> Return on Investment (ROI)

Unlike other approaches that equate more applications with more bandwidth, BT Infonet demonstrates that optimum application and network performance occurs when the dynamics of applications, protocols, and traffic flows are measured and understood. BT Infonet's consultative methodology uses our patent-pending Network Analysis Program (NAP) to quantify the relationship between applications, networks, and business objectives as well as generate a Return on Investment (ROI). We take the guesswork out of how to optimise your strategic investments and de-risk deployments.

“LESS THAN 10% OF ENTERPRISES WILL BUILD AN APPROPRIATELY AVAILABLE NETWORK.”

— Gartner, Inc., October 2004

## REMOVE THE GUESSWORK FROM NETWORK DESIGNS

BT Infonet consults with our clients to understand the priority and desired performance of their enterprise class applications. We then measure existing network traffic patterns as a baseline. From that point, our predictive modeling tools project various performance levels and outcomes based on modified network designs. For each of these designs, BT Infonet can generate a ROI — and thus the clients can weigh the alternatives based on financial reviews.

At the heart of our analysis, is BT Infonet's NAP toolset. NAP is a sophisticated patent-pending methodology based on industry standard tools that have been highly customised. The results provided in the deliverable

reflect the outcome of profiling your enterprise application as well as network design recommendations. BT Infonet's The World Network® can then be tailored to deliver a solution that provides the highest net present value.

### WHAT A NETWORK ANALYSIS ENTAILS

BT Infonet provides a skilled analyst equipped with a state-of-the-art patent-pending process "toolkit" to collect, format, and capture the data traffic associated with your network applications over a typical two-to-three day period. With the objective to determine the right global communications mix for the present and the future, the first step is to determine how enterprise-wide applications fit into three categories.

- » Mission critical — necessary to the success of the business
- » Mission supporting — provide assistance in doing business effectively
- » Mission enabling — ease the effort of doing business

A business interview and questionnaire gathers this, and other necessary information about the network, applications and costs associated with running the systems in place. The analyst then connects specialised, non-intrusive components of the toolkit to the LAN segment(s) containing the applications to be measured. When the data capture has been completed, the analysis begins. The NAP deliverable is a report detailing the mixture of applications, protocols, and traffic flows on the existing network and computing infrastructure, along with suggestions for improvement. From this data, BT Infonet then develops a customised WAN design that meets the exact requirements of current and planned applications, including a ROI Solution Builder analysis. The entire process can be completed in less than 30 days and concludes with a client presentation and written reports covering the test environment, summary of test findings, test statistics, recommendations and a proposed network design model.

### ABOUT BT INFONET'S METHODOLOGY

NAP is one of the capabilities utilised by BT Infonet to provide insight in how to effectively balance costs, user expectations and technology that all directly impacts the corporate mission and bottom line. BT Infonet provides clients a single source solution for managing the business technology strategy of global networks, allowing organisations to focus on their business rather

### WHEN SHOULD YOU UNDERTAKE A NETWORK ANALYSIS?

The criteria for commissioning a network analysis include:

- » Five or more international sites, or a need to expand sites
- » Currently operating or planning to implement or upgrade an ERP or CRM system, enterprise-class packaged applications, or internally developed applications
- » ROI data required for budgetary and network planning activities
- » Concerns about bandwidth, Committed Information Rate (CIR), and other costly facets of network services provisioning
- » End users of applications delivered on a Wide-Area Network (WAN) are experiencing sub-optimal performance
- » Environment is changing and your network needs tuning

than on technology. Through its Application Defined Networking philosophy and life cycle approach, BT Infonet helps clients assess network strategies that support business goals; design and implement global and domestic networks; optimise application performance and availability over a global network; and refine networks to meet changing business needs. BT Infonet leverages objectivity, flexibility and experience through best practices insight to strategic business technology planning, to become our clients' trusted advisor. For additional information about BT Infonet's Network Analysis Program and Application Defined Networking solutions, visit [www.bt.infonet.com](http://www.bt.infonet.com) or call your local BT Infonet office.

#### ABOUT BT INFONET

Infonet Services Corporation, a member of the BT Group plc group of companies, known for its quality of service, is a leading provider of managed network communications services for multinational entities.

Employing a unique consultative approach, BT Infonet offers integrated solutions optimising the complex relationship between enterprise applications and the global network. Extensive project management capabilities are the foundation for the services and solution offerings (broadband, Internet, intranet, multimedia, videoconferencing, wireless/remote access, local provisioning, application and consulting services) positioning BT Infonet as a single-source partner for multinational entities. In particular, BT Infonet IP VPN solutions offer multinationals a unique combination of Private and Public IP services as well as a full set of Managed Security and Mobility Services.

Rated "Best in Class" overall in Telemark's survey of Global Managed Data Network Services, Infonet Services Corporation has also won "Best Customer Care" and "Best Carrier" at the World Communication Awards. Founded in 1970, Infonet Services Corporation owns and operates The World Network®, accessible from more than 180 countries, and provides local service support in over 70 countries and territories.

Additional information about Infonet Services Corporation is available at [www.bt.infonet.com](http://www.bt.infonet.com).

BT Group plc is a public limited company registered in England and Wales under registration number 4190816 with listings on the London and New York stock exchanges. Additional information about the company is available at [www.bt.com/aboutbt](http://www.bt.com/aboutbt).

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