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PlexNet Company Portfolio

Test & Analyse

With over 36 years of combined industry experience PlexNet Pty Ltd is the organisation to deliver concepts, designs and solutions to our client's specific needs.

PlexNet – Intelligent Solutions for Com*plex Net*works. Our experience in network testing and analysis provides our clientele with the utmost confidence in our solutions.

PlexNet is a dynamic company providing technical services and solutions to the Australian ICT marketplace.

The company's founders have over 36 years of combined technical and sales experience. This ensures PlexNet is more than able to meet the needs of its current and prospective clients.

Over the last 19 years we have worked closely with many vendors and technology solutions and this experience defines what PlexNet is today. The demands of the IT and data communications industry across the Australian and global marketplace are constantly changing. Unlike many organisations we are fully cognisant of these changes and welcome the challenges they present.

Our technology and services portfolio includes network analysis, application performance management, network performance monitoring, machine-2-machine and synthetic transaction testing, security analytics,

packet broking and network monitoring testing design. Complimenting these areas of our portfolio is a suite of professional services, sales and support.

PlexNet's expanding team is technically and commercially well versed in working with major customers in the NEM, carrier, enterprise, and government market sectors.

Our product solutions from EfficientIP, ProfiTap, Nyansa, ColaSoft, Spirent Communications, Druva, Ekahau, ExtraHop, NetBrain, Synesis and Virtual Instruments address all aspects of security, wired and wireless networks, and application analysis and testing.

At PlexNet we recognise that there will often be the need to customise solutions to meet the requirements of an individual customer's technical environment. PlexNet will deliver these customised solutions.

OutTask: To ensure that reliable test results are on time and on budget.

Pre and post-test analysis with a structured and documented test process.

Testing and Analysis is a critical phase in any project when it comes to a partial network upgrade, a life-cycle upgrade or even a new infrastructure deployment. Maintaining and improving scalability and reliability is of paramount importance. Unproven test practices and ineffective test methodologies will often fail to deliver the results expected. De-risk your next project with PlexNet.

Many organisations struggle with in-house capabilities. Of course, total outsourcing is often expensive, and control of the project can be lost. Utilise our experience and use *OutTask* our Professional Services Offering to get the best of both worlds.

PlexNet staff has helped many clients save countless hours of testing. We have the skills and capabilities to bring infrastructure and services to market faster without comprising quality.

OutTask comprises a suite of test services designed to analyse and mitigate problems before the launch of new infrastructures and applications. Using industry standard products and a structured and documented testing approach, PlexNet can eliminate risks of poor performance for a multitude of networking environments.

Our tools and procedures, to performance test in their entirety new or upgraded data centres, are the most efficient in the ANZ marketplace. To truly understand the storage network environment vendors and customers alike need to understand the true nature of storage traffic.

PlexNet has the tools and experience: to provide Wireless LAN analysis, planning and surveys; to test converged networks and multi-play solutions and applications; and to analyse and inject full reference voice.

Covering all layers from 1 to 7 PlexNet has the capability to address a wide variety of requirements and to provide viable solutions. We also have skills in utilising other brands of test and analysis equipment.

PlexNet *OutTask*

There is an *OutTask* solution for installation, commissioning, configuration for a range of testing and for more complex network or application analysis.

PlexNet Pty Ltd – Founded in 2012 in recognition that businesses need a more complete offering in application and network performance management, analysis and testing.

"Professionalism, flexibility and honesty…"

- Enterprise Customer

Sergio Ferreira - CEO

Sergio has worked in the ICT industry for over 21 years and has been involved with Fluke Networks (now NETSCOUT) for over 14 years.

Prior to settling in Australia, Sergio ran his own business in South Africa. On coming to Australia, he was a Business Development Manager in Sydney for Fluke Networks.

With his strong sales acumen and his professional insistence on providing a solution and not just a product, Sergio brings a wealth of experience to PlexNet.

Because of his previous experience as a business owner, Sergio not only understands the challenges facing small tech companies but also knows how to achieve strong year on year growth.

Sergio joined PlexNet as a company director on the 14th October 2013.

Dom Fitzgibbon - CTO

Dom has worked in the network test and analysis industry for 19 years and has a wealth of experience with application and network testing and analysis.

He has been involved with testing everything from wired networks to wireless and mobile environments, typically with the aim to determining application performance.

Dom has run Professional Services teams and been a technical director, managing sales and technical staff.

He continues to be a hands-on person involving himself technically with all aspects of the business and their partners.

After working with a number of vendors and distribution / partner companies, PlexNet was formed.

This experience, together with over 12 years selling, supporting and engineering solutions for Spirent Communications, Fluke Networks, together with other technical products, means Dom understands only too well the challenges that must be met when providing solutions in a variety of market verticals and working to a budget and keeping to a timeline.

Com*plex Net*works Deciphered! Our vision is to be recognised by both our customers and the industry as the company that provides trustworthy, reliable and long-lasting solutions.

Analysis & Analytics

Application Performance Management, Diagnostics and Analysis are PlexNet's specialty (encompassing APM / AANPM / NPMD segments).

Together, they play an important role in understanding the reliability of the network environment and providing timely information to networking and application teams to ensure operability.

Combining app-centric Infrastructure Performance Management (IPM) into this mix provides full coverage from user to data and everything in- between.

Once infrastructure and / or applications are deployed, analysis and network / application performance tools, together with security analysis products, should be part of an everyday management system.

Indeed, without them, there is no way of knowing that the network environment is still performing as it did when first deployed.

Stress & Functional Testing

PlexNet's early experiences were in the area of Application (and Network) Testing and Emulation: not only stress testing routers, switches, and firewalls with network traffic, but also loading web, application and database servers with simulated users.

This level of emulated testing is imperative for any organisation before it deploys, or indeed makes the decision to deploy, a particular solution.

The key outcome for emulated or simulated traffic is to simulate the actual real-world environment as closely as possible, be it switching/routing, wireless, virtualisation and SD-WAN or application.

Together with a level of analytics a development, operational and troubleshooting cycle can help organisations keep ahead of capacity and performance issues before they arise. Adding 24/7 synthetic tests also provide network assurance through all times of the day.

Infrastructure Visibility

Our belief in understanding any IT environment is by having the ability to help teams gain complete access and visibility into the network, from 10 Mbps to 100 Gbps and on all OSI layers.

Network visibility solutions are designed with security, forensics, deep packet capture and network & application performance monitoring sectors in mind.

They help eliminate network downtime, add security to existing and new networks all over the world, assist in lawful interception applications and reduce network complexity.

A high performance, secure and user-friendly, solution that provides complete visibility and access to a network environment, 24/7 is the foundation stone of any analytic solution.

Without having a visibility layer present, gaining a true understanding of any environment will always be a difficult task.

Security

Security today is a mandatory requirement but knowing where to spend the limited funds is always a challenge.

PlexNet has had a long history with security performance testing and over the years has added DDoS and DNS security solutions, and Pen Testing capabilities to provide our clients with a fundamentally strong security portfolio to ensure there is a capability that can address any environment across varying budgets.

Pre-emptive DDoS and DNS security solutions offer perimeter coverage and by identifying vulnerabilities in software and infrastructure before it is deployed or purchased, network and application testing tools help ward off threats, and the negative impact they have on performance and ultimately on an organisation's profitability.

Scanning and Pen Tests complete the assurance that an organisation's security procedures are robust enough to sustain ongoing operation.

PlexNet has a capability for almost any networking, security or application requirement. Complete coverage from Layer 1 to Layer 7, wired or wireless.

Analytics

❖ Network

❖ Application

❖ Storage

❖ Infrastructure Connectivity

❖ Performance

❖ Cloud / Virtualisation

❖ IPAM, DHCP & DNS

Testing (Stress & Functional)

❖ Application Emulation

❖ Wired & Wireless Network Stressing

❖ Infrastructure Performance

❖ Storage Stress Testing

❖ Link Emulation

❖ Security Device Performance

❖ Cloud / Virtualisation

Networking

❖ Link Testing (Y.1564 / RFC-2544)

❖ Troubleshooting

❖ Network Mapping

❖ Routing & Switching

❖ Cloud / Virtualisation

❖ Data Centre

Security

❖ DDoS

❖ DNS

❖ Performance Testing, Fuzzing & Malware

❖ Security Scanning, Pen Testing & Services

❖ Visibility & Analytics

❖ 24/7 Active Testing

Data Aggregation

❖ Fibre Passive Tapping

❖ Passive & Active Copper Tapping

❖ Bi-Di and Bypass Tapping

❖ Data Aggregation

❖ Packet Brokering

Packet Inspection

❖ Line-rate Capture up to 100Gbps

❖ Real-time Analysis

❖ Detailed TCP/UDP Insights

❖ Field and DC

❖ Deep packet inspection

Wireless

❖ Planning & Surveying

❖ Spectrum Analysis

❖ User Experience Analytics

❖ Performance Monitoring

Dashboarding / Toolset Integrations

❖ Query capable & Actionable Dashboards

❖ Existing and new Toolset integration

❖ Open Source Data Lake Integration

❖ Event Correlation

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