



[www.stellentnet.com](http://www.stellentnet.com)

Telecommunications & Fiber Optics

Internet of Things

Radio Frequency & Microwave

Time & Synchronization

Avionics

Defence

Security

Services

Stellent Networks is a leading test & measurement solutions provider in Asia, offering an extensive range of innovative testing solution, security and performance solution, maintenance and services from market-leading brands to the Telecommunications, Manufacturing, Military, Aerospace, Medical & Educational Industries.

# INTRODUCTION

**Stellent Networks** is founded by a dynamic team of professionals with more than 50 years of combined experience in the telecommunications industry. We take pride in providing customer-centric and innovative solutions & services in the rapidly evolving world of info-communications.

Our engineers provide complete engineering services. For instances, project management, installation and commissioning services, product training and maintenance services.

We are headquartered in Singapore, with offices in Cambodia, Pakistan and Myanmar, and extensive regional presence in South-East Asia countries like Brunei, Philippines, Laos, etc.

Our **VISION** is to become a premium test and measurement solutions provider in Asia.

And our **MISSION** is to provide our customers with excellent products and solutions coupled with our uniquely stellar service.

## PARTNERS

**VIavi**

**ROHDE & SCHWARZ**

**spirent**  
Promise. Assured.

**MICROCHIP**

**Bittium**

**Calnex**

**Fujikura**

**Bird Technologies®**

**Dinglicom**

**STARVIEW** International

**ETEK**

**MicroCare™**  
Discover Perfectly Clean

## TELECOMMUNICATIONS & FIBER OPTICS

Stellent Networks carries a range of industry leading brands providing next-generation test and service assurance solutions for wireless and wireline network operators and equipment manufactures in the global telecommunications industry.

We offer innovative solutions for the development, installation, management and maintenance of converged, IP fixed and mobile networks - from the core to the edge.

## Fiber Optics Testing Solutions

- Fiber Inspection Probes
- Optical Loss Test Sets
- Light Sources & Power Meters
- OTDRs
- Chromatic Dispersion Analyzers
- Polarization Mode Dispersion Analyzers
- Optical Spectrum Analyzers
- Fiber Monitoring
- Fusion Splicers

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- Fusion Splicers



# Telecommunications Testing Solutions

- PDH/DSn, SDH/SONET
- Ethernet up to 400G
- OTN
- Fiber Channel up to 16x
- CPRI, eCPRI
- PoE
- 3G/4G/LTE/LTE-A/5G
- E2E Network Monitoring
- Test Automation
- SDN/NFV

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## Accessories

- Optical Transceivers
- Fiber Optics Cleaning Kits
- Patch Cords & Adapters
- Launch Fiber

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## INTERNET OF THINGS

In today's market, the internet of things (IoT), has become a common technology used in commercial, industrial & infrastructure application.

Our solutions provides state of the art, secure IOT solutions and engineering services for IOT and wearable technology markets. These markets include enterprise, healthcare, industrial internet, sports, and wellness. We also provide both indoor and outdoor drive test solution for telecommunication industry.

- IOT solutions
- IOT Security
- Customized IOT solutions
- LTE NB-IoT Drive Test Solutions
- Outdoor Test Data Analysis
- Indoor Test Data Analysis
- NB-IoT Scan Data Analysis and Statistics
- NB-IoT & eMTC Test Analysis and Statistics





## RADIO FREQUENCY & MICROWAVE

We offer a wide array of high performance test equipment to fulfil the test & measurement needs of the RF Microwave industry.

Covering from wireless, mobile to broadband, microwave communications applications, our solutions are used by companies in the space, defence, commercial wireless communications, medical, semiconductor and other markets.

- Spectrum Analyzers
- Signal Generators
- Cable & Antenna Testers
- Power Meters
- Cellular Base Station Testers
- Protocol & Conformance Testers
- RF & Wireless Planning Tools
- Cellular Network Optimization & Benchmarking Tools
- Radio Test Sets



## AVIONICS

Rapidly growing air travel has prompted many aerospace avionics companies to setup maintenance, repair and overhaul (MRO) hubs in Asia Pacific, and to some extent, expanding their R&D and manufacturing operations in the region.

Our avionics test solutions provide the critical data needed to ensure a safe flying environment. These solutions are being used to design, manufacture, test and maintain commercial, private and military airborne



- NAV/COMM Testers
- Databus Analyzers
- VOR/ILS Testers
- RAMP Testers
- Radio Altimeter Testers
- GNSS Simulators
- Weather Radar Testers
- Fuel Quantity Testers
- ADS-B

# TIME & SYNCHRONIZATION

Today's network and computer systems require accurate network timing for efficient network operations. Accurate time stamping is also very important for billing systems, network diagnostics, digital forensics, high reliability databases and process analysis.

Our solutions utilize GNSS and other references to synchronize devices in time and frequency used in manufacturing, medical, financial services, educational, enterprise, government and defence industry.



## Telecommunications Solutions

- TDM, PTP 1588v2, Sync-E
- Primary Reference Clocks (PRC)
- Primary Reference Time Clocks (PRTC/ePRTC)
- Carrier Grade NTP & PTP Solutions
- Synchronization Supply Units
- Integrated GNSS Masters
- Synchronization Management & Monitoring Systems

## Government & Enterprise Solutions

- Network Time Servers – NTP
- Time & Frequency Distribution
- Modular Synchronization Systems
- GNSS



## Metrology & Laboratory Solutions

- Rubidium Standards
- Cesium Standards
- Hydrogen Masers
- Precise Time Scale Systems

## GPS Security

- GNSS Firewall
- Integrates seamlessly between existing GPS Antenna and GPS system
- Performance Monitoring

The vulnerability of GPS systems is crucial and critical to national infrastructure and corporate infrastructure that rely on GPS-delivered position, navigation and timing (PNT) for daily operations. With that, GPS security is important to protect GPS systems against spoofing and jamming threats for the smooth and secured daily operations.



## Critical Infrastructure

Transportation



Communications



Financial Services



Power Utility





The digitalization of battlefield and a wide variety of operations with modern command and control (C2) applications, sensors and real time situation awareness have set an increasing need for high-data-rate and mobile networks in tactical use.

Flexibility to use our solutions in different frequency bands and network structures provides cost effectiveness, ease of use and efficiency compared to existing tactical data link networks.

- SDR Handheld / Vehicle
- Tactical Wireless IP Networks
- Private LTE Access Networks
- Secured VoIP Phones
- Secured Mobile Phones
- Lawful Intercept Solutions
- Homeland Security Solutions



## SECURITY

Cyber-threats and attacks, from both internal and external sources, are now presenting a risk to enterprises and infrastructures globally. With the increase in labour cost, companies have been increasingly relying on automation and remote monitoring, thus increases the chance of compromising security. Research has discovered significant holes in key technologies used in navigation, tracking, encryption and systems control.

Stellent Networks has solutions to all your cyber-security needs, having the capability to audit your networks, and to prevent, monitor and clean the infections.



- Data Audit & Protection Solutions
- Application Emulation & Security Validation
- Mobile VPN Solutions
- Mobile Device Management & Analytics
- Penetration Testing
- Vulnerability Assessment





Apart from the sales of equipment, Stellant Networks also provide a variety of related services including equipment rental, training, testing, maintenance, repair, calibration, consultancy, help desk and technical support.

We also provide a wide range of professional services for installation, commissioning and network integration services for telecommunication infrastructure projects. Our team of dedicated engineers has extensive experience across a broad range of equipment and technologies (from a broad range of equipment providers) including cellular, fiber link characterization and I.T.

- Equipment Rental
- Testing Services
- Installation & Commissioning
- Training Services
- Maintenance & Repair
- Calibration
- Consultancy
- Help Desk & Technical Support Centre





**Testing Redefined**

Stellent Networks Pte Ltd  
8 Ubi Road 2 #02-17  
Zervex Building  
Singapore 408538

Tel: +65 6458 8355

Fax: +65 6443 0955

Email: [sales@stellentnet.com](mailto:sales@stellentnet.com)



[www.stellentnet.com](http://www.stellentnet.com)

**Your Premium Test & Measurement  
Solutions Provider**