Testing Solutions

Our Offer

Netmetrix España S.L. (formerly ITD Iberia S.L.) is a company focused in the Telco, IT & Security market.

Its internal organization aims to cover the different sectors of the Professional Electronic Market, which we could define in broad lines such as Telecommunications, Defense, Space and Industrial.

In view of the changing evolution of Technologies, market demand and market penetration, the Company's strategy is adapting to these variables by expanding or modifying the commercial offer in Technology itself or with the contribution of Professional Services as well as Consulting or System Integration thanks to the qualified internal Technical Support that allows us to give an important added value to the Product.

ITD Iberia S.L. born from the internationalization in 2013 of the ATS Spa Company established since 1997 as one of the main systems integrators and expert in the test market in Italy. In July 2016 ATS was purchased by ITD systems integrator.

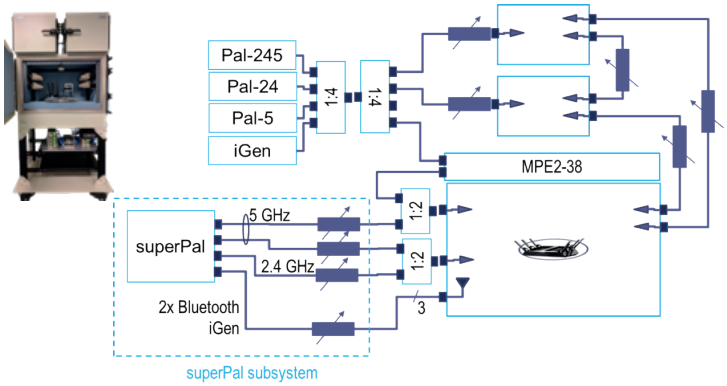
In 2018, ITD Iberia became independent from the ITD group, being a company with mainly Spanish capital. At the end of 2019, ITD will change its name to the definitive Netmetrix España.

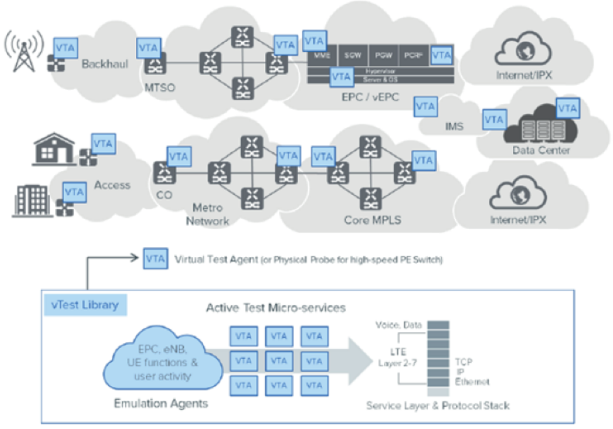
In its spirit of internationalization, in March 2019, Netmetrix France was created.

Telecom Test - Service Assurance - Automation

The Telecom Test division is specialized in providing advanced solutions for new Technologies.

We are one of the main suppliers of test equipment, having a great experience in this area. We have always been characterized by having a strong technological base and a high qualification of our professionals, with our technical support being one of our main characteristics for our clients.





All our represented companies are recognized worldwide and are used in the main manufacturers and operators, being the best solutions that currently exist in the market.

The Telecom Test department wants to provide its clients with tools that can be used in all possible test scenarios where a serious and efficient analysis is necessary that allows the end user to obtain an optimum return on their work.

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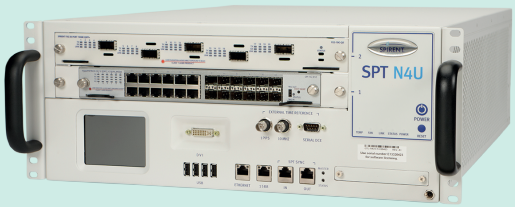
Lab Testing

Testing Types

Load testing
A load test is usually conducted to understand the behaviour of the system under a specific expected load.

Stress testing
It is normally used to understand the upper limits of capacity within the system.

Endurance testing
It is usually done to determine if the system can sustain the continuous expected load.



Spike testing
It is done by suddenly increasing or decreasing the load generated by a very large number of users and observing the behaviour of the system.

Configuration testing
Tests are created to determine the effects of configuration changes to the system's components on the system's performance and behaviour.

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NETSCOUT. · W2BI ADVANTEST Group · cyber test SYSTEMS · GPONDOCTOR FTTH analysis & monitoring tools

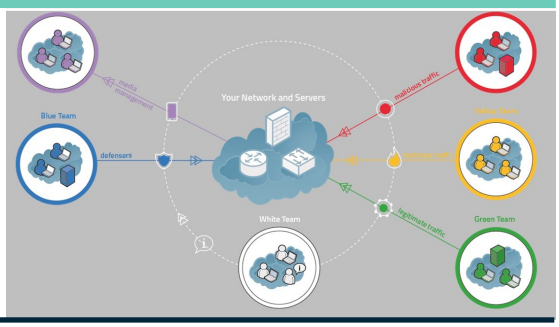
Cybersecurity

Cyberspace and its underlying infrastructure are vulnerable to a wide range of risk stemming from both physical and cyber threats and hazards. Sophisticated cyber actors and nation-states exploit vulnerabilities to steal information and money and are developing capabilities to disrupt, destroy, or threaten the delivery of essential services.

- Line Rate Stateful Traffic (L4-L7)
- Application Server Performance Testing
- Configurable and Expandable
- Flexible Load Profile
- Advanced Fuzzing
- Network Security Testing
- Real-Time Statistics
- Web Application Testing
- One-Armed Testing
- Stateful, Scalable Packet Replay

Cyber Range

A Cyber Range is a training center for cyber defense that allows organizations to increase the skills of their teams in the defense of their network infrastructures. In order to provide an hyperrealistic training environment and to practice the entire chain of cyber defense, the legitimate and malicious traffic is itself realistic and varied, generated from a Network Traffic Generator.



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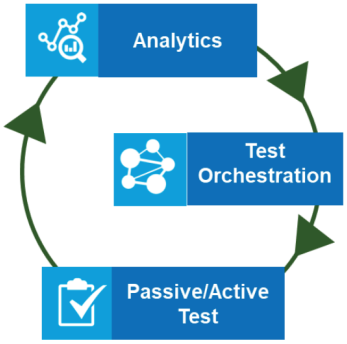
Live Testing

Service Assurance, in telecommunications, is the application of policies and processes by a Communications Service Provider (CSP) to ensure that services offered over networks meet a pre-defined service quality level for an optimal subscriber experience.

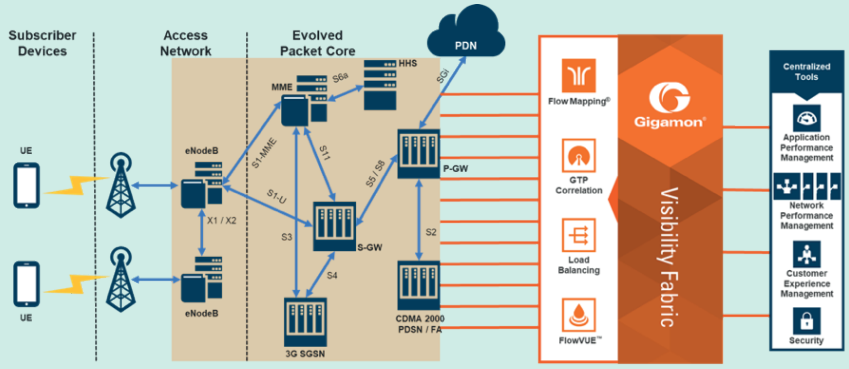
Service Assurance encompasses the following:

- Fault and event management.
- Performance management.
- Probe monitoring.
- Quality of service (QoS) management.
- Network and service testing.
- Network traffic management.
- Customer experience management.
- Service level agreement (SLA) monitoring.
- Trouble ticket management.



Active probing provides a horizontal perspective of networks and services, and is ideally suited to real-time, end-to-end service metrics.

Passive probing, on the other hand, provides a vertical perspective of networks and services, and is ideally suited to generate large volumes of historical performance data at specific locations within the network.



Business analytics focuses on developing new insights and understanding of business performance based on data and statistical methods.

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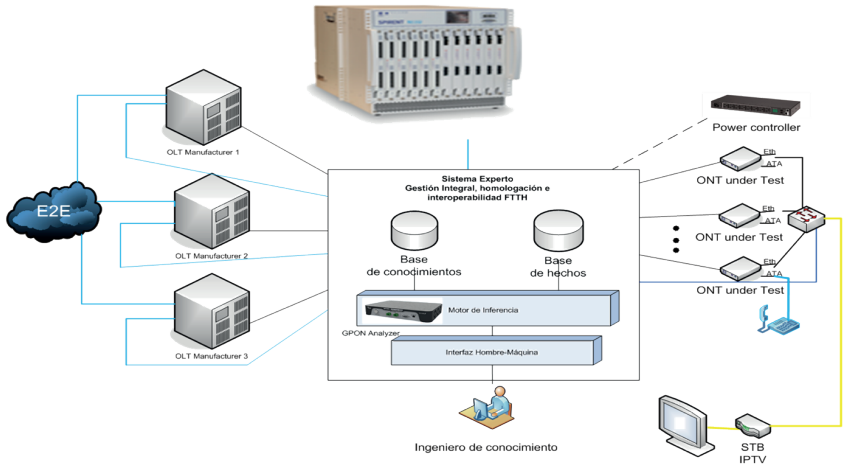
Automation

Netmetrix Spain provides Automation Platforms & Professional Services in different areas, such as Wireless, Benchmarking, Network or Systems Environments.

Lab Automation

Key Benefits:

- Save money by reducing time to market.
- Use industry recognized test reports for sales and certifications.
- Access to custom test Equipment and software.
- Ability to shape our roadmap to better serve industry needs.
- Avoid High Level Programming.



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Network Operation Automation

Network Operations:

- Record inventory units.
- Record inventory interfaces.
- Registration optical measurements of DWDM spans.
- Predict failures in advance.
- Auto-configure systems on events.
- Automate backup on custom locations from close & proprietary systems.
- Manage systems based on CLI, Web & Java.

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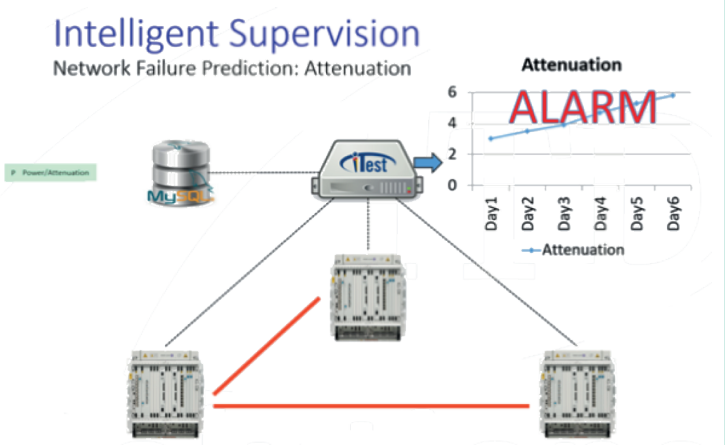

Alarms:

- Alarm prediction.
- Alarm correlations.
- Alarm management.
- Workflow automation.
- Collect alarms and notifications: SNMP, Mail, Logs.
- Notify and process events & alarms: emails, ticketing.
- Select and execute appropriate actions: manually or triggered.

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