
LTE World Summit 2013

Amsterdam, 24-26 Jun

Assembly Data System S.p.A.

The Company

About us

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

A.D.S. Assembly Data System S.p.A. is an Italian prime System Integrator company operating within Telco, IT, Energy and Civil engineering sectors.

Founded in 1987, ADS evolved continuously by investing in research & innovation.

Particular focus has been paid about relationship with Universities,

Business Schools and IT Academies.

Today ADS is a competent, flexible and market fitting company counting about 600 payrolls.

Operations are managed mainly in Italy but also secured in several Mediterranean countries and South America.



The Company

Locations

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

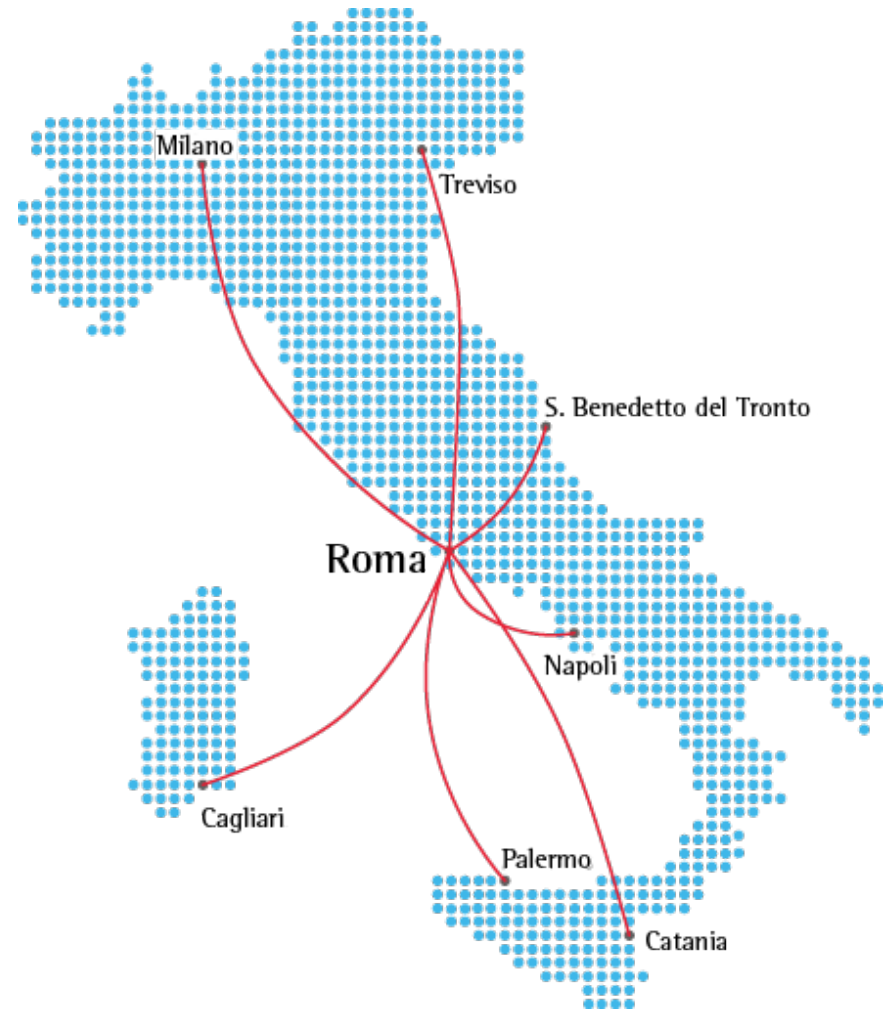
ADS headquarter is in Pomezia (Roma).

Other premises are:

- Milano
- Treviso
- S. Benedetto del Tronto
- Napoli
- Palermo
- Catania
- Cagliari

ADS abroad operational locations
are in Colombia & Algeria.

ADS also secured services in countries
such as Israel, Lybia, Morocco, Spain,
Greece and Malta.



The Company

Business Unit

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

SERVICES & SOLUTIONS

- Telecom management platforms design, integration, roll-out & support
- Telecom O&M services (h24 monitoring, provisioning and configuration)
- Network design, planning & management (transport, access, wired and wireless network, IP)
- Testing and validation of fixed and mobile products
- Managed Services (Data Center, Network and System Management, Control Room, IT Security Services)
- Mobile Enabled Solutions

NETWORK IMPLEMENTATION

- Deployment of network physical infrastructure (Site survey, site design, I&C, etc)
- Field operations support

FACILITY MANAGEMENT

- Building systems design (civil and industrial area)
- Design and deliver of electrical, photovoltaic, mechanical, air-conditioning systems
- Design, deliver and maintenance of Integrated Security Systems (Intrusion detection, Video Surveillance, Fire Detection, Access Control)

The Company

Certifications

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

- Certification: UNI EN ISO 9001:2008 with the extension to EA31B and EA33;
- Environment Certification: UNI EN ISO 14001:2004
- SOA QUALIFICATION:
 - a. OG 1 CLASS. I V°
 - b. OG 11 CLASS. IV°
 - c. OS 30 CLASS. I°
 - d. OS 19 CLASS. IV°
 - e. OS 5 CLASS. II°
 - f. Design Certification category. VIII (without limits)
- Authorization DM37/08 (ex 46/90) Lettera A, B, C, D, E, F e G
- 1st degree License - The Ministry of Economic Development (authorization for installation, test, connection and maintenance of telephony and telecommunication systems (art. 5 dell'alleg.13 al D.M. 23.5.1992 nr. 314)
- Security Clearance

LTE World Summit 2013

Solutions Portfolio

Assembly Data System S.p.A.

Solutions Portfolio

Introduction

Owning a long experience in the Telco market, ADS Assembly Data System is able to offer to the Customers an End-to-End Service concerning the Network Implementation projects and the Network Maintenance & Support activities.

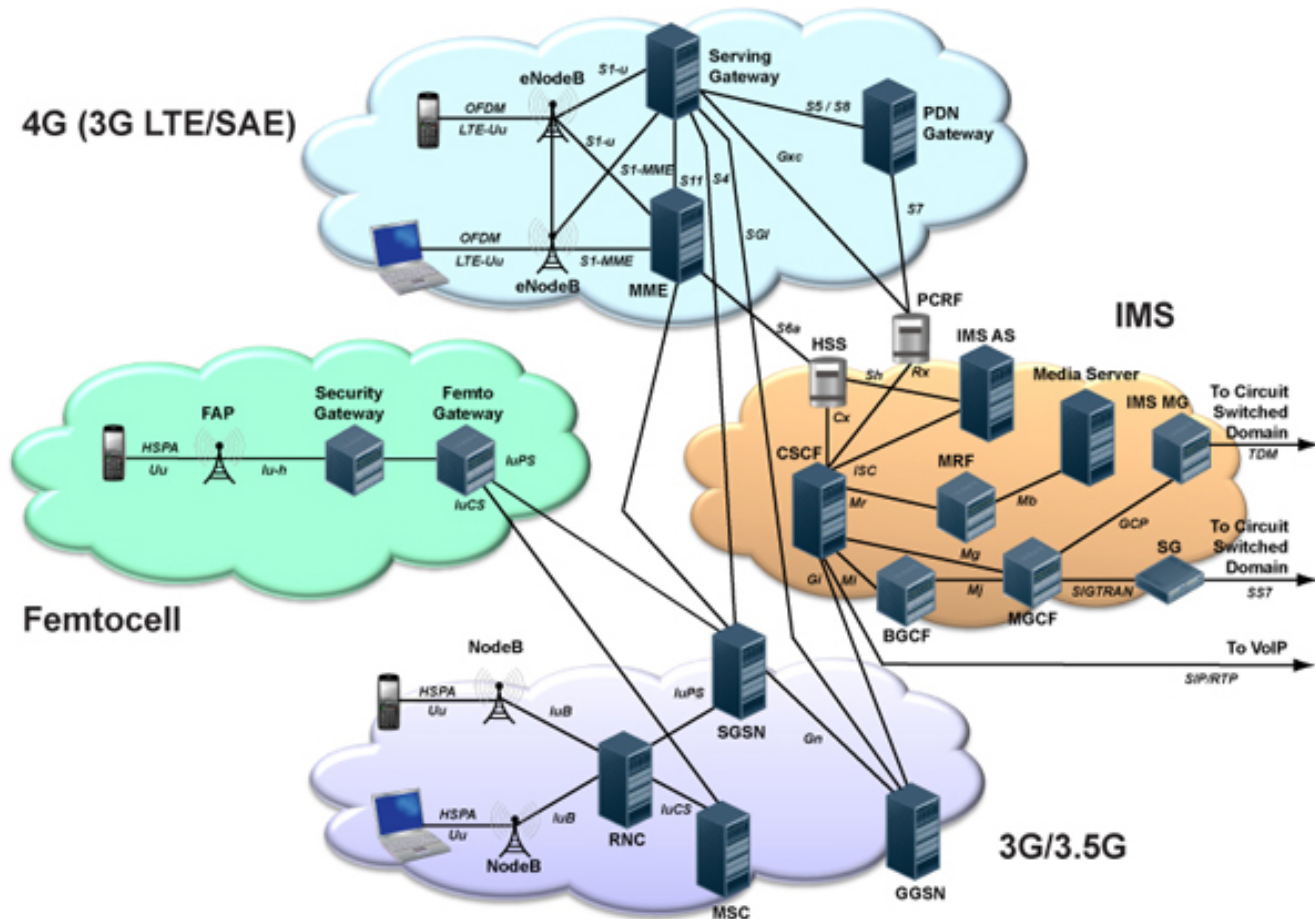
This ability is achieved thanks to the deep knowledge of the implementation process, a customer oriented mindset and a widespread competence of the network technologies.



- The Company ABOUT US
- The Company LOCATIONS
- The Company BUSINESS UNIT
- The Company CERTIFICATION
- Solutions Portfolio INTRODUCTION**
- Solutions Portfolio COMPETENCE AREAS
- Solutions Portfolio NETWORK SERVICES
- Mobile Enabled Solutions NET KPI DASHBOARD
- Mobile Enabled Solutions MOBILE ASSISTANT
- Mobile Enabled Solutions TEST AUTOM. SUITE
- IP Solution 10Gb/s TRAFFIC GENER.

Solutions Portfolio

Competence Areas



Solutions Portfolio

Network Services

Network Capabilities

ADS developed niche competences in Core, Transport & Radio Networks for 2G/3G technologies and even in Evolved Packet Core (4G LTE).

Here follows a detailed list of the covered network elements:

- Radio: BSC, RNC, BTS, node-B, e-nodeB;
- Core Network PS: SGSN, GGSN, MME, PGW, DNS;
- Core Network CS: MGW, MSC, HLR;
- IMS Network: MTAS, AS, CSCF, HSS, SLF, DNS, MRFC, SBG;
- OSS/BSS: SCP, Online Charging System, Billing System, Provisioning;
- ICT: Networking, CPE Fixed and Mobile, VoIP.

Network Assets

ADS is an End-to-End Service Company being able to cover the full network implementation process life-cycle.

In details ADS secures the following activities:

- Network Solution Proposition
- Network Planning & Design
- Site Preparation & Installation
- Network Start-up, System Integration
- Verification and Testing
- Monitoring & Troubleshooting
- Quality and Performance Service

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Solutions Portfolio

Network Services

Network Solution Proposition

ADS can provide a team of senior specialists able to built a proposition for a network solution, in terms of Pre-study and Architectures, accounting either the integration of a New Node in an existing network or a Start-up network.

Network Planning & Design

ADS manages and supplies Addressing Plan, High Level Design (concerning the network solution, the network impact, the feature activation and the requirement) and Low Level Design (describing each network element involved in the solution with detailed configuration data).

Site Preparation / Installation

As proof of an E2E service, following the site survey ADS performs everything concerning the site preparation (cabling, HW installation, energy), helping to get permits and authorisation from the local PA as well.

Network Start-up, System Integration

ADS performs installation, configuration and integration of every node in the network:

- Backbone Elements (Router, Switch, Catalyst)
- Transport and Radio Equipments (2G, 3G, 4G)
- Core Network Nodes (CS e PS)
- IMS Nodes

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Solutions Portfolio

Network Services

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Verification and Testing

ADS is able to run and verify all kind of test activities, both in labs (acceptance) and in live networks (rollout):

- Mobility & Session Management;
- Performance Management;
- Fault/Alarm Management;
- O&M.

Monitoring & Troubleshooting

ADS is able to hosting NOC and SOC within own premises, meanwhile can also provide network support at the customer sites.

Our specialist's team ensure troubleshooting on the whole network area and trouble ticket management.

Quality and Performance Service

ADS can offer a Quality & Performance service based on the following activities:

- Post-Analysis & KPI;
- Optimization;
- Field Governance.

ADS runs a post analysis on the network performance, analysing and reporting the network trends and KPIs.

A real time snapshot of the network status or a single network element performance is secured by daily/weekly reports provided by ADS tools.

The right synergy between field maintenance people and troubleshooting skills leads to an effective network optimization.

LTE World Summit 2013

Mobile Enabled Solutions

Assembly Data System S.p.A.

Network KPI Dashboard

Features & Benefits

FEATURES

- Interactive dashboards for data visualization
- Optimized for network performance analysis
 - Radio Layer
 - Transport Layer
 - Application Layer
- Targeted for Mobile Network Operator
- Support for Geo data analysis
 - Map visualization
 - Data Binning
- Access Control
 - Data partitioning for different users and roles
 - Custom views for different roles
- Report generation in various formats
 - Excel, pdf, HTML

BENEFITS

- Openess - Interoperability
 - Support Big Data (Hadoop, PaloDB, MongoDB)
 - Accessible from web and mobile
 - Integration with Troubleshooting systems
- Ease of use
 - Web based
- Rapid deployment
 - No need for service interruption
 - Zero side-effect on Operation Systems

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

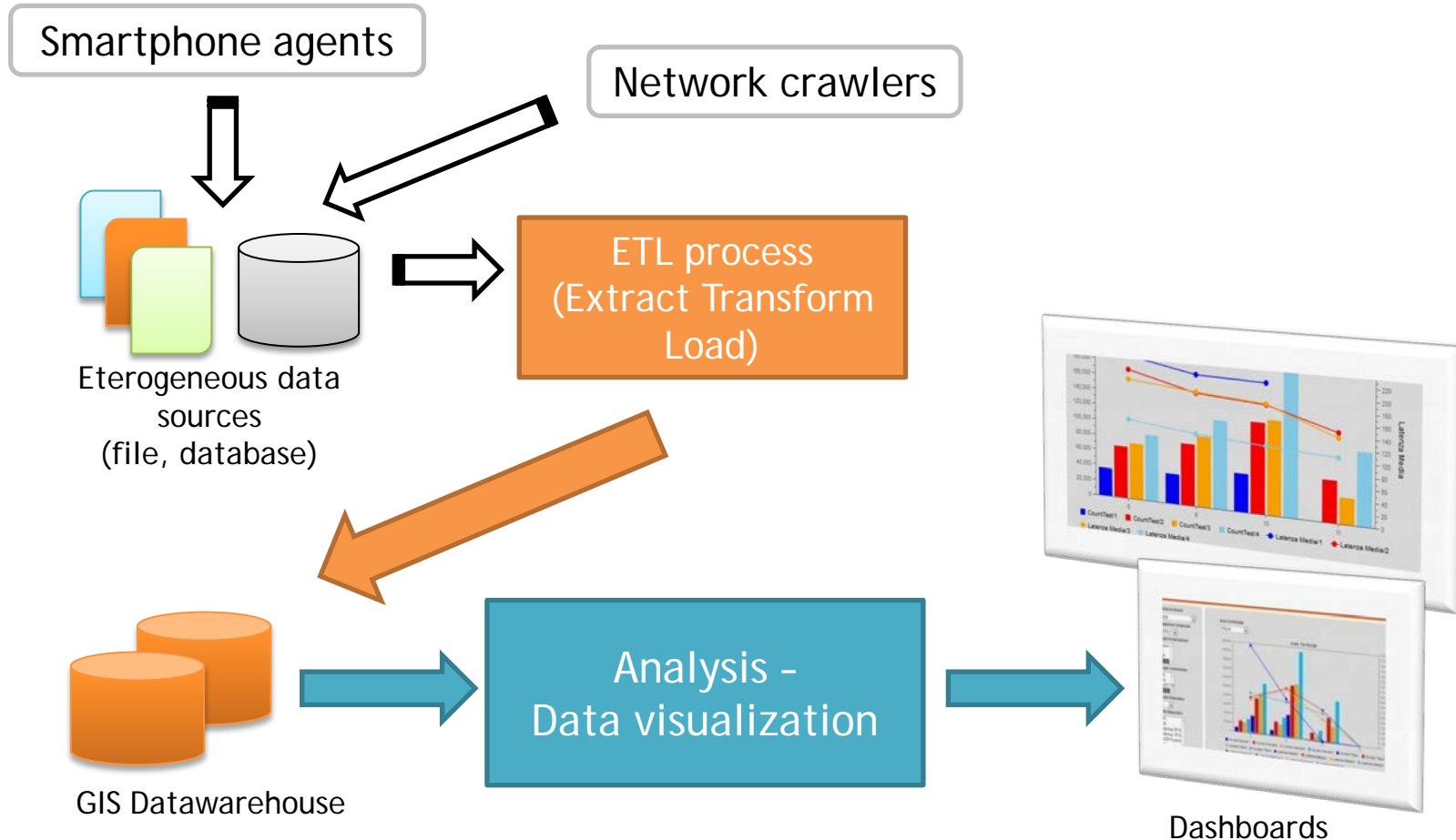
Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Network KPI Dashboard

Data Flow



- The Company ABOUT US
- The Company LOCATIONS
- The Company BUSINESS UNIT
- The Company CERTIFICATION
- Solutions Portfolio INTRODUCTION
- Solutions Portfolio COMPETENCE AREAS
- Solutions Portfolio NETWORK SERVICES
- Mobile Enabled Solutions NET KPI DASHBOARD
- Mobile Enabled Solutions MOBILE ASSISTANT
- Mobile Enabled Solutions TEST AUTOM. SUITE
- IP Solution 10Gb/s TRAFFIC GENER.

Network KPI Dashboard

Application & Radio and Transport Layer

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Application Layer

- Data collected through mobile agent installed on smartphone and tablet
 - Round Trip Time
 - Download/Upload Throughput

- KPI
 - Avg
 - Max
 - Percentile
 - Probability Distributions

Radio and Transport Layer

- Data collected through network crawlers exploiting SNMP traps
 - Transmission power, Adaptive modulation
 - BER, QoS

- KPI
 - Avg
 - Max
 - Percentile
 - Probability Distributions

- Alarms
 - Mail alert for measures over threshold

Network KPI Dashboard

Case Study

- The Company ABOUT US
- The Company LOCATIONS
- The Company BUSINESS UNIT
- The Company CERTIFICATION
- Solutions Portfolio INTRODUCTION
- Solutions Portfolio COMPETENCE AREAS
- Solutions Portfolio NETWORK SERVICES
- Mobile Enabled Solutions NET KPI DASHBOARD
- Mobile Enabled Solutions MOBILE ASSISTANT
- Mobile Enabled Solutions TEST AUTOM. SUITE
- IP Solution 10Gb/s TRAFFIC GENER.

Trend Benchmark Dashboard

Filters

Seleziona la misura

Aggregazione Temporale

Tipologia localizzazione

Tipologia Connessione

Tipologia Dispositivo

Modello Dispositivo

Data di inizio

Area Territoriale

Aree Territoriali

Data Export

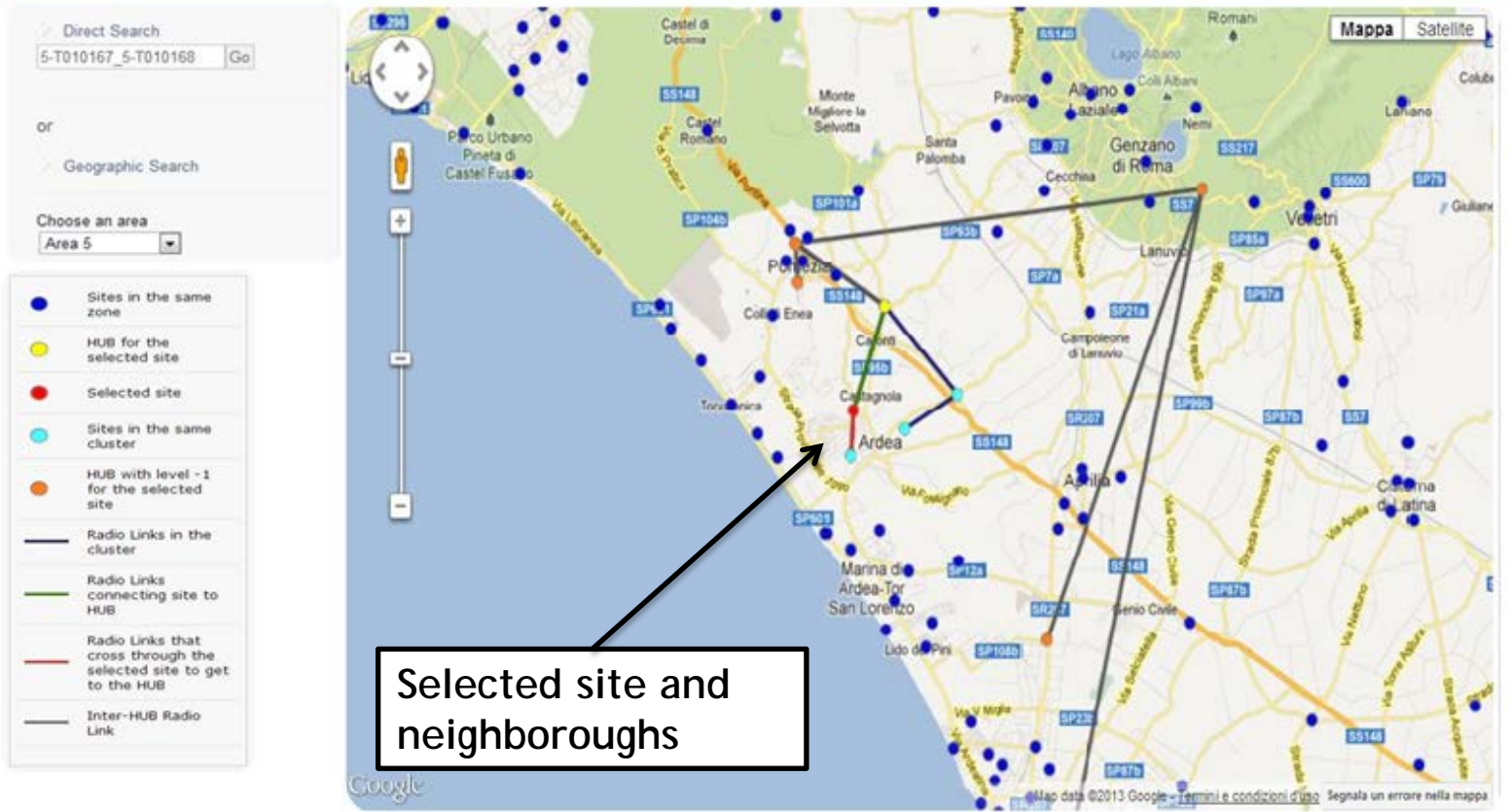
Esporta Dati

Hide/Show measures

Network KPI Dashboard

Case Study

Network Topology



- The Company ABOUT US
- The Company LOCATIONS
- The Company BUSINESS UNIT
- The Company CERTIFICATION
- Solutions Portfolio INTRODUCTION
- Solutions Portfolio COMPETENCE AREAS
- Solutions Portfolio NETWORK SERVICES
- Mobile Enabled Solutions NET KPI DASHBOARD
- Mobile Enabled Solutions MOBILE ASSISTANT
- Mobile Enabled Solutions TEST AUTOM. SUITE
- IP Solution 10Gb/s TRAFFIC GENER.

Mobile Assistant

What is

Mobile Assistant is a Field Force Automation system for effective job dispatching



- Designed to manage tasks effortlessly using smartphone and tablet
- “Software as a Service”
- Geolocalization and real-time notifications for effective communication

Mobile Assistant

Workplan

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

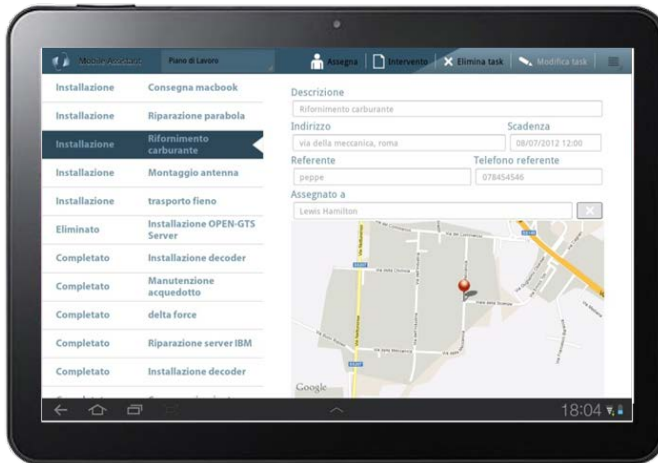
Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

PM creates new jobs, assign job to operators and tracks job execution from mobile or web.

Job lifecycle is monitored through proprietary, secure real-time notifications



Avv.	Scadenza	Descrizione	Priorità	Assegnatario	Stato	Operazioni
	21/09/2012 09:00	Riparazione CED Inralot	50	Fernando Alonso	Installazione	[Icone]
▶	20/09/2012 08:00	riparazione cucina Ikea	50	Fernando Alonso	Installazione	[Icone]
	20/09/2012 05:09	Installazione CED Wind	50	Fernando Alonso	Installazione	[Icone]
▶	19/09/2012 01:56	Riparazione cucina Ikea	50	Fernando Alonso	Installazione	[Icone]
▶	19/09/2012 01:13	Riparazione server mac	50	Fernando Alonso	Installazione	[Icone]
▶	19/09/2012 01:11	Installazione server	50	Fernando Alonso	Installazione	[Icone]
▶	14/09/2012 03:30	Installazione cucina Ikea	50	Fernando Alonso	Installazione	[Icone]
▶	13/09/2012 08:10	Installazione CED Lettomatica	50	Fernando Alonso	Installazione	[Icone]
▶	05/09/2012 08:24	test2	84	Fernando Alonso	Installazione	[Icone]
▶	08/08/2012 08:00	Riparazione cucina Ikea	100	Fernando Alonso	Installazione	[Icone]
▶	04/08/2012 12:00	consegna server	50	Fernando Alonso	Installazione	[Icone]
	-	Mezza in produzione server Open-Gts	-	-	Eliminato	[Icone]
	-	Installazione cucina Ikea	-	-	Completato	[Icone]
	-	Ritiro antenna	-	-	Completato	[Icone]
	-	test client smartphone	-	-	Completato	[Icone]
	-	Consegna server farm	-	-	Completato	[Icone]
	-	Riparazione MacBook pro	-	-	Completato	[Icone]
	-	Riparazione antenna	-	-	Completato	[Icone]

- Job definition has a set of predefined details:
 - ▣ latitude, longitude, estimated duration, estimated date of completion, priority, description.
- Optional details can be customized.

Mobile Assistant

Dashboard

USER PROFILE: PROJECT MANAGER (PM)

- Intuitive cockpit enables project manager to analyse activity trend on various temporal frames.
- PM can visualize job counts for each state: new, in progress, completed, canceled.



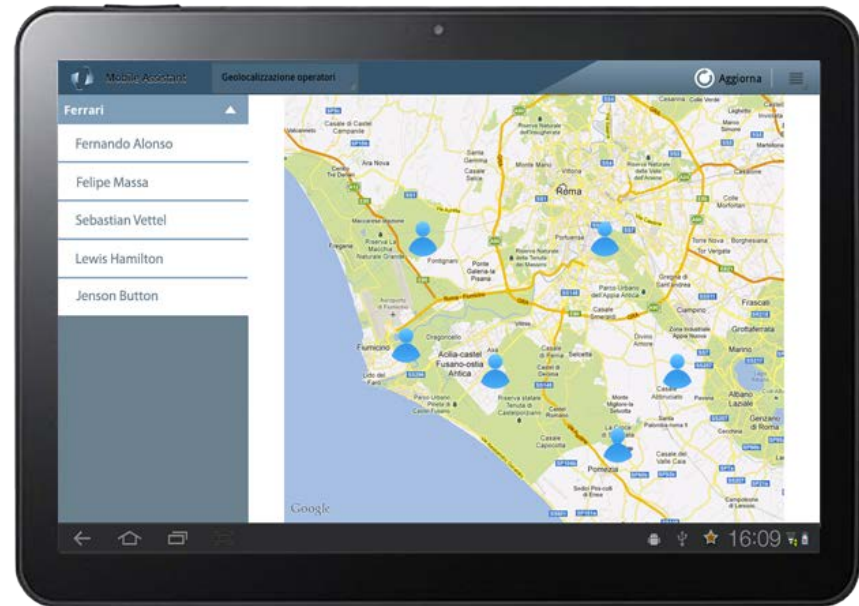
TABLET

- The Company ABOUT US
- The Company LOCATIONS
- The Company BUSINESS UNIT
- The Company CERTIFICATION
- Solutions Portfolio INTRODUCTION
- Solutions Portfolio COMPETENCE AREAS
- Solutions Portfolio NETWORK SERVICES
- Mobile Enabled Solutions NET KPI DASHBOARD
- Mobile Enabled Solutions MOBILE ASSISTANT
- Mobile Enabled Solutions TEST AUTOM. SUITE
- IP Solution 10Gb/s TRAFFIC GENER.

Mobile Assistant

Operators geolocation

- ❑ Leveraging GPS and real-time communication, PM visualize constantly team locations.
- ❑ Power efficient implementation to optimize battery lifetime.
- ❑ Mobile Assistant provides navigation support organizing waypoints based on date of completion.



- The Company ABOUT US
- The Company LOCATIONS
- The Company BUSINESS UNIT
- The Company CERTIFICATION
- Solutions Portfolio INTRODUCTION
- Solutions Portfolio COMPETENCE AREAS
- Solutions Portfolio NETWORK SERVICES
- Mobile Enabled Solutions NET KPI DASHBOARD
- Mobile Enabled Solutions MOBILE ASSISTANT
- Mobile Enabled Solutions TEST AUTOM. SUITE
- IP Solution 10Gb/s TRAFFIC GENER.

Mobile Assistant

Benefits

- Effective communication between team members
- Job info collected on site by operator. No need for data input after job execution
- Accurate data collection exploiting GPS, compass, camera
- Data partitioning between teams for large enterprise deployment

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Test Automation Suite

Features

- High level scripting language for test definition**
 - Same script for all OS

- Features**
 - Phone call, data connections (FTP, HTTP, streaming), browser, calendar, SMS, email, Bluetooth, multimedia, camera, and many more...

- Geolocalization and battery metering**
 - Map visualization for drive test

- Client-Server architecture for centralized data collection**
 - Server connection not mandatory for test execution
 - Data traffic metering not affected

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Test Automation Suite

Features

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

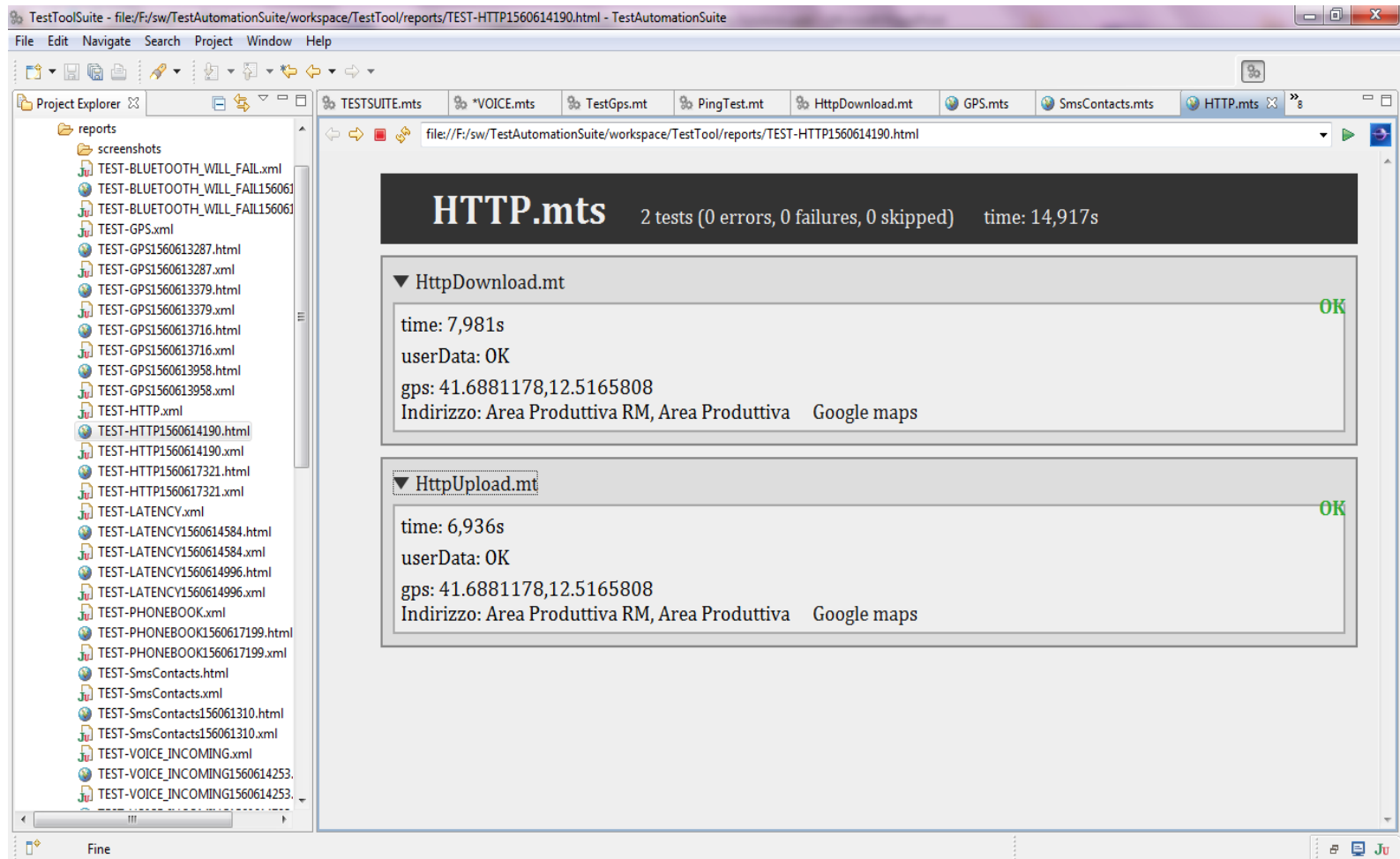
Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.



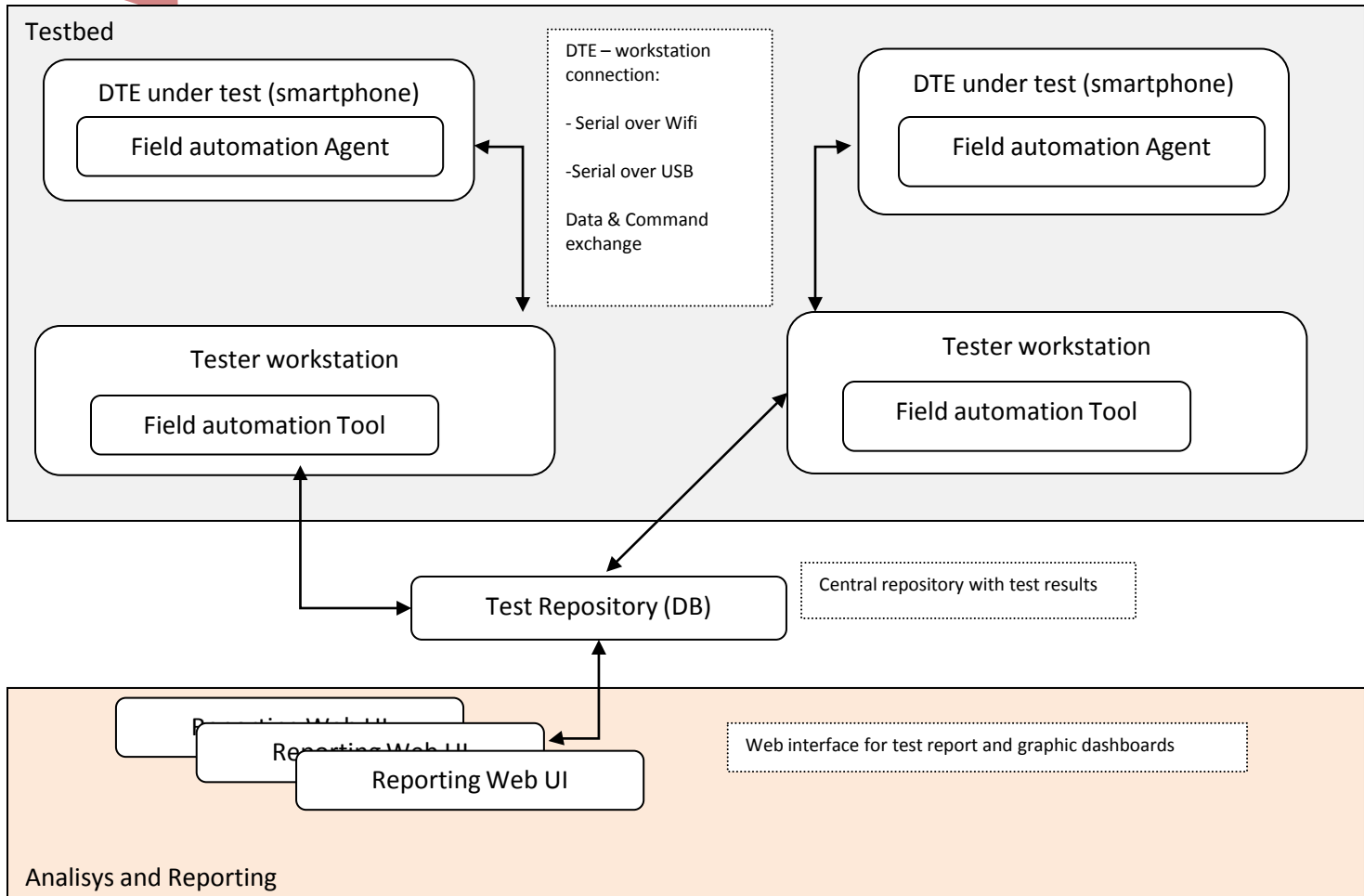
The screenshot displays the TestToolSuite application interface. The main window shows the results of a test suite named 'HTTP.mts', which consists of 2 tests with 0 errors, 0 failures, and 0 skipped. The total execution time is 14,917s. The tests are:

- HttpDownload.mt**: Status OK. Execution time: 7,981s. Results: userData: OK, gps: 41.6881178,12.5165808, Indirizzo: Area Produttiva RM, Area Produttiva (with a Google maps link).
- HttpUpload.mt**: Status OK. Execution time: 6,936s. Results: userData: OK, gps: 41.6881178,12.5165808, Indirizzo: Area Produttiva RM, Area Produttiva (with a Google maps link).

The left sidebar shows a Project Explorer with a tree view of reports, including folders for 'screenshots' and various test files like 'TEST-BLUETOOTH_WILL_FAIL.xml', 'TEST-GPS.xml', 'TEST-HTTP.xml', and 'TEST-VOICE_INCOMING.xml'.

Test Automation Suite

Architecture



- The Company ABOUT US
- The Company LOCATIONS
- The Company BUSINESS UNIT
- The Company CERTIFICATION
- Solutions Portfolio INTRODUCTION
- Solutions Portfolio COMPETENCE AREAS
- Solutions Portfolio NETWORK SERVICES
- Mobile Enabled Solutions NET KPI DASHBOARD
- Mobile Enabled Solutions MOBILE ASSISTANT
- Mobile Enabled Solutions TEST AUTOM. SUITE
- IP Solution 10Gb/s TRAFFIC GENER.

Test Automation Suite

Benefits

- Open-source**
 - Extensible test suite

- User friendly**
 - Test report in HTML format
 - Map visualization

- Cross platform**

- Reduce time-consuming activities in test session (setup, tear down, data collection)**

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

LTE World Summit 2013

IP Solutions

Assembly Data System S.p.A.

10Gbit/s Traffic Generator

Features

- IP packet generator
- Transmission rate control to simulate different traffic conditions
- Wireshark trace file playback
- More instances can run on same hardware
 - One instance per network interface

```
# TrafGen -i eth0

Sending packets on eth0

TX rate: [current 4' 581.08 pps/0.01 Gbps] [average 4' 581.08 pps/0.00 Gbps] [total 4' 581.00 pkts]

TX rate: [current 4' 143.53 pps/0.01 Gbps] [average 4' 362.29 pps/0.00 Gbps] [total 8' 725.00 pkts]

TX rate: [current 4' 163.72 pps/0.01 Gbps] [average 4' 296.10 pps/0.00 Gbps] [total 12' 889.00 pkts]

...
```

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

10Gbit/s Traffic Generator

Benefits

- Competitive solution for network performance test
- Suitable for challenging use-cases on high speed network
- No need for specific hardware

The Company
ABOUT US

The Company
LOCATIONS

The Company
BUSINESS UNIT

The Company
CERTIFICATION

Solutions Portfolio
INTRODUCTION

Solutions Portfolio
COMPETENCE AREAS

Solutions Portfolio
NETWORK SERVICES

Mobile Enabled Solutions
NET KPI DASHBOARD

Mobile Enabled Solutions
MOBILE ASSISTANT

Mobile Enabled Solutions
TEST AUTOM. SUITE

IP Solution
10Gb/s TRAFFIC GENER.

Contact Us

Address

Via O
00040 Pomezia (Roma)
Italy

Phone

+39 06 91.80.10.20

Fax

+39 06 91.25.10.56

Email

assembly@assembly.it

