



Plugtests™
The ETSI Interoperability Service
NGN@HOME
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ETSI is...

- A non-profit organisation, Recognized Standards Development Organisation
- Based in Sophia Antipolis, south of France
- 637 members from 56 countries
- <http://www.etsi.org/>



ETSI is composed of

- manufacturers, network operators, service providers
 - administrations, research bodies and users
- ⇒ providing a forum in which all key players can contribute: GSM, UMTS, DECT, TETRA, SAT COM, DVB, NGN, VoIP, BRAN, Powerline, IP Cablecom, ...

Plugtests™ is a professional ETSI service

- ❑ Created in 1999, specialized in the organisation of test events
- ❑ Cost neutral
- ❑ Skilled ETSI Staff managing test events
- ❑ Experts from ETSI and other technical communities
- ❑ Neutral and open to all organisations
- ❑ Synergy Conformance & Interoperability in close cooperation with ETSI Committees and PTCC

- 60 events in 5 years, 3000 engineers, 1200 Companies
- Usefulness ranked at 4.3/5 by 2000 people surveyed
- Service satisfaction ranked at 4.35/5
- IPv6 Plugtests in October 2004 was the



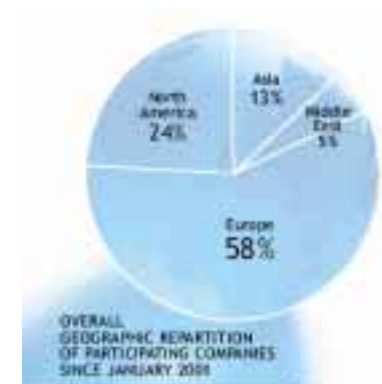
ETSI's testing & interoperability resources are unique...

...and complementary!

- ❑ **TC MTS (Methods for Testing and Specification)**
 - Development of methodologies, techniques and languages
 - <http://portal.etsi.org>
- ❑ **ETSI PTCC (Protocol and Testing Competence Centre)**
 - Supports ETSI TBs on the application of formal techniques in standards on a daily basis
 - Development of test specifications (conformance and interop)
 - <http://www.etsi.org/ptcc>
- ❑ **ETSI Plugtests Service**
 - Validation of standards and prototypes through interoperability events <http://www.etsi.org/plugtests>

Who attends Plugtests events?

- ❑ Our events are open to all sorts of companies (big and small) as well as to engineers developing a product.
- ❑ Participants do NOT have to be ETSI members
- ❑ Plugtests are addressed to any company developing a product such as operators, content or application providers, vendors or equipment manufacturers.
- ❑ Standardisation bodies, fora or other interest groups may also attend



During a Plugtests™ event, engineers can “Come & Test” !

- ❑ Also known as bake-offs (at IETF), plugfests and interops

- ❑ Plugtests :
 - Provides useful feedback to the standardization process
 - Gives a unique opportunity to meet partners and competitors
 - Helps to ensure end users' satisfaction
 - Improves both quality and features of implementations
 - Allows for networking with the market key players
 - Accelerates time to market via quick product debugging



COST & TIME SAVING !

Plugtests look like this...



Oh I've found a **BUG!!!!**

Plugtests™ :Your Fully Customizable Service

Technical Management		<p>Customized test bed, test cases set-up with experts, tests slots schedule...</p>
Event Management		<p>Website, registration on-line, hosting site, legal aspects..</p>
Communication Management		<p>Event promotional kit development, event presentation at key conferences, dissemination by internal/international press...</p>
Sponsorship Opportunities		<p>Sponsor us! Your value... www.etsi.org/plugtests/sponsorus</p>



At least 6 GOOD REASONS to sponsor an ETSI Plugtests events!

- Boost your image
- Promote your brand by associating it with the key organisation active in a key technology
- Target the active audience
- Create new business opportunities
- Benefit from the stronger support and the political & industrial recognition given to Plugtests events
- Benefit from high, long-term visibility & promotion:
 - High-traffic website (4000 visits/day),
 - ETSI worldwide press and news services

Areas of interest

❑ SERVICES & APPLICATIONS

- J2ME, OSA-PARLAY, Video over DSL, OMA IMPS, SyncML

❑ TELECOM

- Hiperlan2, DSL, SMS/MMS, NGN, Speech Quality, Powerline, Smart Card..

❑ IP

- IPv6 and Mobile IPv6, MPLS, SIGTRAN, SIP

❑ HOT TOPICS

- Grid Computing, WLAN/WMAN, LBS & ITS, Security, RFID, ebXML

2005: Hot technologies in the pipeline

Q1 <ul style="list-style-type: none"> <input type="checkbox"/> WLAN Roaming <input type="checkbox"/> RFID <input type="checkbox"/> OSA-Parlay (PARLAY X) 	Q3 <ul style="list-style-type: none"> <input type="checkbox"/> OSA-Parlay (Parlay) <input type="checkbox"/> SQTE <input type="checkbox"/> UWB
Q2 <ul style="list-style-type: none"> <input type="checkbox"/> STQ-mobile <input type="checkbox"/> ENUM <input type="checkbox"/> NGN@Home <input type="checkbox"/> F-SMS/MMS <input type="checkbox"/> DSL#4 	Q4 <ul style="list-style-type: none"> <input type="checkbox"/> Smart Card <input type="checkbox"/> GRID <input type="checkbox"/> IPv6#6 <input type="checkbox"/> WIMAX <input type="checkbox"/> HF <input type="checkbox"/> Powerline#3 <input type="checkbox"/> Mobile applications <input type="checkbox"/> Lawful Interception (LI)

www.etsi.org/plugtests/calendar.htm

www.etsi.org/plugtests

plugtests@etsi.org



ETSI European Telecommunications Standards Institute

ISDN integrated services digital network

GSM Global System for Mobile Communications (cellular phone technology)

UMTS Universal Mobile Telecommunications System

DECT Digital European Cordless Telecommunication system

TETRA TERrestrial TRunked RAdio

SAT COM Satellite Communications

DVB Digital Video Broadcasting

NGN Next Generation Networks

VoIP Voice Over IP (Internet Protocols)

BRAN Broadband Radio Access Networks

Powerline, PLC Powerline Communications :
The transmission of information using the existing power

IP Cablecom : Internet Protocol Cable Communications

SDO Standards Development Organizations

OSA Open Service Architecture, Open Service Access

SIPIT SIP Interoperability tests

SIP Session Initiation Protocol

ENUM E.164 Number Mapping

SQTE Speech Quality Test Event

PKI Public Key Infrastructure

XAdES XML Advanced Electronic Signatures

ebXML Electronic Business XML (eXtensible Markup)

UWB Ultra-Wide Band

SIGTRAN Signaling Transport

DSL Digital Dubscriber Line

IPv6 Internet Protocol version 6 (current version is version 4)

MIP6 Mobile IPv6

GRID Computer Grid (like power grid)

SMS Short Message Service

MMS Multimedia Message Service

J2ME Java 2 Micro Edition

IETF The Internet Engineering Task Force

TTCN The Testing and Test Control Notation (Tree and Tabular Combined Notation)

W3C World Wide Web Consortium

TC ESI Technical Committee Electronic Signatures and Infrastructures

OASIS Organization for the Advancement of Structured Information Standards

CEN/ISSS Information Society Standardization System (European Committee for Standardisation)

WLAN Wireless LAN

WIMAX Worldwide Interoperability for Microwave Access

HF Human Factors