

# 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



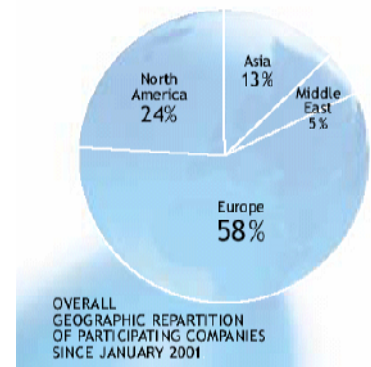
## ETSI's testing & interoperability resources are unique...

...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

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

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

[www.etsi.org/plugtests/calendar.htm](http://www.etsi.org/plugtests/calendar.htm)

[www.etsi.org/plugtests](http://www.etsi.org/plugtests)

[plugtests@etsi.org](mailto: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