



Title:

Dissemination plans

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Abstract: This deliverable provides the plan of 6INIT project regarding promoting IPv6 based next generation networks development and deployment during the projects life time. The deliverable (D5.1) will explain the detailed plan of the methodologies to be used to reach the goals set forth in this deliverable



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Executive Summary

The 6INIT project plans to promote the next generation protocol IPv6 based system development and deployment which will provide the competitive edge to the European industries and operators in developing the user friendly information society.

IPv6 provides vast Internet address space, making it possible to allocate an Internet address to practically every electronic device on earth, offering a clear advantage over the present IPv4 protocol. Furthermore, IPv6 technology brings the necessary security and quality, which the existing Internet is lacking today.

The IPv6 protocol incorporates features like network security, mobility, and quality of service. The global IPv6 Forum with European companies as active members in a consortium of Internet industry has been founded to promote IPv6 and ensure interoperability of IPv6 devices between operators and services. The project 6INIT views IPv6 as a basis for scalable high-quality IP networking and supporting the standard.

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1 Introduction

The current IPv4 technology, from which IPv6 has evolved, will not be able to support the billions of devices predicted to require IP addresses in the future, as it is already becoming exhausted and depends on address sharing.

IPv6 plays an important role in the implementation of Europe's Next Generation Networks and Global IP Mobility strategy. It is therefore pivotal to Europe's vision of user friendly Information Society. Contrary to the current IPv4 standard, the vast number of address available in IPv6 will enable every device to be addressed and connected to the Internet while the security and quality of services offered by IPv6 make it a fundamental building block of future IP mobility networks, dramatically reducing the complexity of the existing Internet.

The internet industry in Europe is lacking behind United states. However, Europe has the leap advantage in the Mobile technology and hence the adoption of IPv6 for both next generation networks and the mobile internet, the competitive advantage is with Europe, if the deployment and strategy related with service provisioning is pushed forward. The 6INIT project contributes in such a forward looking strategy, through their awareness creation program.

2 Plans of 6INIT project

The 6INIT is committed for IPv6 and has plans to demonstrate the first European IPv6 network connected to the global network. Meanwhile, it has established close contacts with the IST projects for intra-IST concertation and is playing major role within IPv6 Forum to promote IPv6 to the external target audience.

2.1 Chosen methodologies and tools:

2.1.1 IST concertation:

The 6INIT project participates in creating next generation network cluster, where it leads the network infrastructure group.

2.1.2 Publications and trade press

The 6INIT members will actively participate in the international conferences and workshops with IPv6 promotional contributions. They also contribute to scientific journals and trade press.

2.1.3 Website

The project has established its website <http://WWW..6INIT.COM>, with project related information and the latest information on IPv6, press information, products development tools, available standards and products etc... so that any one visiting the website will get the first hand and latest information regarding the status of IPv6.

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2.1.4 Co-operations with industry

All the necessary co-operations with the relevant industry (e.g. Ericsson, CISCO, ..), operators (BT, DT, FT, Swisscom), standards groups (ETSI) and relevant Forums (Eurescom, IPv6 Forum, 3GPP) have already been established from the project

2.1.5 IPv6 Forum

The project 6INIT has chosen the IPv6 Forum as its platform for IPv6 promotion. They organise regularly IPv6 Summits and exhibitions with invited speakers and industry leading personalities involved. The liaison with various parallel industrial forums has been established (e.g: ETSI, 3GPP, IETF,...). The project will promote the membership to the IPv6 Forum, so that an international voice can be built-up.

2.1.6 Workshops and Opendays

The project will organise workshops in collaboration with other projects dedicated to next generation networks. It also plans to have open days, for online demonstrations, once the network is up and running.