

PROJECT SUMMARY

Project:	Surveillance of the market that has been generated around the deployment of Internet protocol version 6 (IPv6)
Client:	NicLabs Chile www.niclabs.cl
Date of Project :	2009-04-01 to 2012-12-28

DESCRIPTION

Surveillance of the market trend around the development of Internet protocol version 6 (IPv6). This study intends to show Chilean Telecommunication companies the relevance of the incorporation of IPv6 to their networks, the new services that can be added to these companies' offers through IPv6 and to reveal the killer application of said market.

RESULTS

Some conclusions of the study were:

- A clear trend was found; the integration of mobile technologies for the incorporation of several kinds of devices that simplify people's lives and business operations. This is why the protocol is needed to obtain a large amount of new IP addresses (Device instead of killer application).
- It is important that companies know about the new technologies which are IPv6 compatible as they bring a paradigm shift to the types of services they can offer their customers.
- Each country or company should explore the development of new applications and/or services based on IPv6, according to local regulations proposed in their adoption strategy to have competitive advantages in the telecommunication business.

Regarding worldwide adoption the results of the study were:

- The adoption process on global networks, to date, has been slower than expected.
- It is very important to involve the private and public sectors in the adoption strategy to make an appropriate decision relevant to each economy.

- Adoption is not just a technological issue, as it is also important to consider the impact on state policies and the new business opportunities that arise from the implementation of the new IPv6 protocol.
- It is important to maintain current services operationally active, as the end users should not lose the range of services they have using IPv4, but must gain new applications with IPv6 that allow them to improve their quality of life.

These conclusions were reached using the *World E-Trends* methodology, with which reports were written concerning the following sections:

- Current world situation: it presents recent statistics related to the adoption of IPv6 and IPv4 depletion worldwide.
- Adoption cases: describes the application of IPv6 in a specific market and/or the adoption strategy by any particular organization.
- Market development: describes the market development that has been generated around the IPv6 protocol, selecting the most relevant sources on the following topics:
 - Who is who?
 - Publications (articles and papers) about IPv6.
 - Patents related to IPv6.
 - Products and services with IPv6 incorporated.