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## "IPv6 Newsletter XVI"

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Abstract	This deliverable provides a short summary of the news items published on the IPv6 Cluster website in the period September 2004 to October 2004.
Keywords	IPv6 IST News



## **IP Infusion Rallies to Ready the Industry for IPv6**

Date: Wednesday, September 01 @ 03:39:33

Topic: IPv6 News

IP Infusion, the leading provider of intelligent network software for enhanced IP services platforms, announced today its submission of a key draft standard to the Internet Engineering Task Force (IETF) for Traffic Engineering Extensions to OSPF version 3.

Complete information at [MarketWire](#).

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## **KT, SKT, Dacom picked for new network projects**

Date: Wednesday, September 01 @ 03:44:13

Topic: IPv6 News

The government yesterday picked three consortia, respectively led by SK Telecom Co., KT Corp. and Dacom Corp., to take up trial operations of new networks for converged telecom and broadcast services.

The network infrastructure is expected to provide the backbone for future communication and computing services, such as Internet protocol version 6 (IPv6), next-generation mobile telephony, radio-frequency identification technology and other advanced solutions.

The trial operations will focus on developing services based on voice-over-Internet protocol and IPv6 computing technologies, while also developing interactive solutions that blend fixed-line and wireless telephony with digital television broadcasts.

Complete information at [The Korea Herald](#).

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## Multiservice Switching Forum & Moonv6 will collaborate

Date: Wednesday, September 01 @ 05:11:47

Topic: IPv6 Task Force SC

The Multiservice Switching Forum (MSF) announced today that it will incorporate an Internet Protocol version 6 (IPv6) test scenario into its GMI 2004 interoperability event.

In a joint memorandum of understanding, the MSF and the North American IPv6 Task Force (NAv6TF) Moonv6 Project agreed to share technology expertise to create an IPv6 solution on an MSF network. Complete information at [Telephony World](#), [DigiTimes](#), [Converge](#) and [BusinessWire](#).

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## AntiOnline Spotlight: IPv6 Looms

Date: Monday, September 06 @ 09:44:13

Topic: IPv6 News

Out there exists a limited resource that will someday run dry. No, not oil (this is an IT site, after all). We're talking IP addresses under IPv4.

IPv6 to the rescue!.

Complete article at [Enterprise IT Planet](#).

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## F5 Networks to introduce next-gen traffic manager

Date: Monday, September 06 @ 09:47:48

Topic: IPv6 News

F5 Networks will reveal its long-touted next-generation Internet traffic management switch on Tuesday, a device it says will help corporate customers get better performance from their networks.

The latest version of Big-IP has a new operating system that will be used in all upcoming F5 products. The new software packs traffic compression, protection against denial-of-service attacks, TCP/IP rate shaping, Secure Socket Layer acceleration, IPv6 translation, cookie encryption, authentication support and several other features into a single device.

Complete info at [ZDNet](#) and [BusinessWire](#).

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## Internet2 is coming

Date: Tuesday, September 07 @ 07:51:38  
Topic: IPv6 News

The Internet has turned 35 with a terrific growth rate and it has been doubling every year for the past 15 years and will continue to do so in the near future. Now its successor — Internet2 — is blitzing along with speeds in excess of 100 times that of a typical broadband connection and perhaps 200 times more than what we get on dial-up connections nowadays.

Complete article at [The Statesman](#).

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## New net protocol goes live in Ireland

Date: Tuesday, September 07 @ 18:20:14  
Topic: IPv6 Task Force SC

The IE Domain Registry has announced the deployment of IPv6, which will enable the internet to expand uninhibited.

Following on from global Internet Protocol version 6 (IPv6) developments in July, the latest version of the internet has been added to the dot-ie (.ie) Domain Name Servers (DNS) root server system. This development follows the IEDR's participation in an IPv6 Task Force meeting held in March 2004. "It was clear from this meeting that IPv6 was an important issue, so we responded accordingly," said Curtin.

Complete article at [ENN](#).

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## Pioneers of the IPv6-based New Internet Meet in November 2004 in Washington, DC

Date: Wednesday, September 08 @ 00:42:36  
Topic: IPv6 Task Force SC

The North American IPv6 Task Force and the IPv6 Forum today announced that the world class North American IPv6 Task Force Technologist Seminar 2004 will be held November 16-17, 2004 at George Mason University in Washington, DC, combined with an IPv6 solution demo area.

The North American IPv6 Technologist Seminar 2004 will gather the founders and the most innovative and influential leaders from the global Internet community to discuss strategic and deployment issues related to the next generation Internet protocol, Internet Protocol version 6 (IPv6).

Complete information at [Market Wire](#).

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## **CNGI to begin accepting public bids for China's nationwide IPv6 network**

Date: Thursday, September 09 @ 09:12:34  
Topic: IPv6 News

The China Next Generation Internet (CNGI) Project will soon begin accepting public bids to provide core equipment for the construction of China's nationwide IPv6 network.

China Telecom, China Unicom, China Netcom, China Mobile, China Railcom, and the CERNET academic network, meanwhile, are planning to begin construction of their own individual next generation Internet networks under the nodes of China's national IPv6 network, BII Group media official Yang Geng told Interfax. Complete info at [Interfax](#).

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## **Intel, HP to Commercialize PlanetLab**

Date: Friday, September 10 @ 08:30:19  
Topic: IPv6 News

A high-tech consortium led by Intel and HP is looking to capitalize on an additional layer of protocol services they claim will streamline Internet traffic.

It sits above the new physical infrastructure supplied by Internet2 and above the networking layer where IPv6 functions. Complete article at [Internetnews.com](#).

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## **Routing Security: Falling behind IPv6**

Date: Friday, September 10 @ 12:11:03  
Topic: IPv6 News

The adoption of IPv6, the replacement Internet addressing standard, could spell trouble for enterprise security, said Tom Patterson, author of the forthcoming book, Mapping Security.

Innovation in IPv6 security products, Patterson said, needs to start now, so the security community isn't playing catch-up with the black hats. Complete article at [SearchSecurity.com](#).

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## European Commission to launch four computer grid projects

Date: Saturday, September 11 @ 16:18:58

Topic: IPv6 Cluster News

On 15th September the European Commission will officially launch four new computer grid projects, including AKOGRIMO will build on Europe's strengths in mobile communications and IPv6 (the next Internet Protocol), to demonstrate a vision of "mobile dynamic virtual organisations" and demonstrate added value applications in the fields of e-health and e-learning.

Complete info at [ContinuityCentral](#) and [Internetnews.com](#).

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## Korea Pioneers Next-Generation Internet

Date: Saturday, September 11 @ 16:21:48

Topic: IPv6 News

As computers and information technology are deeply penetrated into our lives, the Internet has become the world's largest communication network, linking millions of computers and computer users on the globe.

Led by the Ministry of Information and Communication (MIC), Korea has eagerly pursued a goal of becoming an Internet super power through a successful transition from IPv4 to IPv6.

Complete article at [The Korea Times](#).

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## Paul Twomey Interviewed: Internet sans politics

Date: Sunday, September 12 @ 08:14:31

Topic: IPv6 News

I find that India has several characteristics that position it to be a power in the Internet.

With IPv6, we're moving from an environment of people-to-people Internet to machine to machine Internet. Devices will communicate with each other over the Net.

Complete interview at [HindustanTimes](#).

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## Force10 Introduces TeraScale Switch/Routers

Date: Monday, September 13 @ 12:03:46

Topic: IPv6 News

Force10 Networks introduced a new line of "TeraScale E-Series" switch/routers capable of supporting up to 56 line-rate 10 Gigabit Ethernet and 672 line-rate Gigabit Ethernet ports in a single chassis, more than twice the density of its nearest competitor.

Additionally, the Force10 TeraScale E-Series features hardware-based IPv6 forwarding at line rate and supports one million access control lists (ACLs), providing scalable protection against denial of service attacks.

Complete info at [ConvergeDigest](#).

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## Innovation Returns To Networking

Date: Monday, September 13 @ 12:06:52

Topic: IPv6 News

Innovation is beginning to show up in networking infrastructure again, setting the stage for renewed growth in backbone services for the Internet.

IDT today will roll out the fourth generation of its network search engine, which accelerates Internet Protocol version 6 (IPv6) and supports 10 gigabit per second applications.

Complete info at [Electronic News](#), [BusinessWire](#) and [CommsDesign](#).

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## NDRC to inject funds into IPv6-based R&D

Date: Tuesday, September 14 @ 10:30:45

Topic: IPv6 News

The Chinese Government will increase funding for research and development (R&D) of IPv6-enabled routers to ensure more domestically made routers are adopted in the country's next-generation Internet (NGI), which is under construction.

"The National Development and Reform Commission (NDRC) will earmark about 50 million yuan (US\$6.02 million), by the end of this year, to domestic vendors for R&D in IPv6-based routers," said Wang Baiyi, a director of the Ministry of Science and Technology's High-tech Development Centre.

Complete info at [ChinaDaily](#).

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## EC DG INFSO Research Infrastructure Unit's July/August 2004 newsletter

Date: Tuesday, September 14 @ 16:59:15  
Topic: IPv6 Cluster News

The European Commission's DG INFSO Research Infrastructure Unit's July/August 2004 newsletter is available.  
The newsletter may be viewed at the [CORDIS site](#).

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## Interpeak Unveils Mobile IP Networking Suite

Date: Tuesday, September 14 @ 19:31:01  
Topic: IPv6 News

Interpeak, one of the leading providers of Internet and security protocol solutions for embedded systems, today announced a new suite of products supporting Mobile IP.

This suite of tools enables developers of wireless devices, routers and telecom equipment to easily provide mobile IP features for their customers using both IPNET, Interpeak's dual-mode IPv4/IPv6 TCP/IP stack, and other TCP/IP stacks.  
Complete information at [TMCnet](#).

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## 21st CENTURY TCP/IP

Date: Wednesday, September 15 @ 22:40:41  
Topic: IPv6 News

The Internet's success as a global networking platform is due partly to its maturity and stability: TCP/IP is ubiquitous and well-understood, making it a solid foundation for new networked applications.

But stability doesn't mean stagnation. Internet technology continues to evolve, with new protocols under development and existing technologies being continuously tweaked to deal with the demands of tomorrow's applications.  
Complete article at [NetworkMagazine](#).

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## Apache apr-util Library and Environment Variable Expansion Vulnerabilities

Date: Wednesday, September 15 @ 23:13:00  
Topic: IPv6 News

Two vulnerabilities have been reported in Apache, which can be exploited by malicious people to cause a DoS (Denial of Service) or potentially compromise a system, or by malicious, local users to gain escalated privileges.

Complete information at [Secunia](#) and [LinuxWorld](#).

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## It's the end of the 'Net as we know it (and I feel fine)

Date: Thursday, September 16 @ 10:15:33  
Topic: IPv6 News

Are we in the end times for the Worldwide Web? Intel thinks so.

At the Intel Developer Forum last week, CTO Patrick Gelsinger made the case that the Internet will soon start to collapse under its own weight as developing nations begin to go online in a big way.

Complete article at [ArsTechnica](#).

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## Video archives of 2nd 6NET Workshop

Date: Saturday, September 18 @ 01:03:26  
Topic: 6NET

Video archives of the 2nd 6NET Workshop in Rhodes, Greece are now available. The videos are available at the [6NET website](#).

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## **Military and Industry Technology Leaders Gather for New Internet Summit**

Date: Saturday, September 18 @ 01:11:59

Topic: IPv6 News

IPv6 Summit, Inc. announced today that the next major conference on the New Internet will be held December 8-10, 2004 at the Hyatt Regency in Reston, VA.

This is the annual premier event for government and industry decision makers to unveil their programs and products for the coming year in a comprehensive set of presentations and panels.

Complete info at [MarketWire](#).

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## **Can TCP/IP Survive?**

Date: Saturday, September 18 @ 01:15:34

Topic: IPv6 News

The Internet was developed in the 1970s and 1980s, initially as a means to connect mainframe computer systems for timesharing purposes.

The system introduced for this fairly basic purpose has expanded to become a global multimedia information and communications system, connecting personal computers, phones, and hundreds of millions rather than the hundreds of devices originally foreseen.

Complete info at [CircleID](#).

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## **Ethernet switch chip start-up secures another \$21.5 million**

Date: Monday, September 20 @ 11:57:02

Topic: IPv6 News

Ethernet switch silicon provider Greenfield Networks Inc. has raised \$21.5 million in a third round of private venture funding, bringing total investment in the Sunnyvale, California-based start up to \$48 million.

Complete information at [CommsDesign](#) and [YahooFinance](#).

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## INS Releases IPControl to Manage IP Name and Address Space

Date: Thursday, September 23 @ 09:41:29

Topic: IPv6 News

INS, a leading provider of IT infrastructure consulting services, IP network management software, and business technology solutions, announced today the general availability of the IPControl(TM) IP address management system, the latest addition to its Diamond IP family of software.

The IPControl solution provides enterprises and service providers with a fully integrated software solution for the inventory, configuration, and capacity management of IPv4 and IPv6 address space and DNS/DHCP servers.

Complete information at [BusinessWire](#).

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## Death of the Net

Date: Thursday, September 23 @ 09:48:31

Topic: IPv6 News

The Internet is becoming overloaded and heading for a collapse. It will cease to meet the requirements of the ever-growing, ever-demanding individuals, communities and businesses that rely on it.

It is not certain when this will happen, but what is certain is that mere "patches" or fixes intended to extend the features of the Internet aren't good enough to save it.

Complete article at [TechCentral](#).

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## Accelerating IPv6 Adoption With Proxy Servers

Date: Thursday, September 23 @ 09:52:20

Topic: IPv6 News

IPv6 presents a catch-22: the most popular web sites on the Internet don't have any incentive to switch to IPv6 until a large portion of their userbase is on IPv6, and their user base does not have a large incentive to switch to IPv6 until many of the popular Internet destinations support IPv6.

My proposed solution is simple: Configure a proxy server that serves IPv6 requests, passing those requests through to underlying IPv4-only servers that not have yet been transitioned to IPv6.

This [article](#) describes how to configure Apache's proxy server to fill this role, and suggests a few ideas for use.

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## Cisco exec: RP still a small market for IPv6

Date: Thursday, September 23 @ 09:57:49

Topic: IPv6 News

The Philippines still has a small market for the new IPv6 (Internet Protocol version 6) despite a worldwide trend in migrating from the old IPv4, an official from a leading network equipment vendor said.

Complete info at [Infotech](#).

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## Ixia Streamlines Testing Time

Date: Monday, September 27 @ 16:15:00

Topic: IPv6 News

Ixia, a leading, global provider of IP network testing solutions, announced today availability of its latest operating software release, IxOS 3.80, which significantly enhances testing efficiency, simulation scalability, and automation flexibility.

These improvements combine to decrease test set up and execution time while simultaneously providing users with greater emulation power from Ixia's test hardware.

Latest IxOS Release Improves Ability to Customize Traffic Streams and Enhances IPv6 Emulation Capability. Complete information at [BusinessWire](#).

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## IC for IPv6 network searches

Date: Monday, September 27 @ 16:19:59

Topic: IPv6 News

IDT's family of network search engines (NSEs) includes devices designed to accelerate Internet protocol version 6 (IPv6) and support 10Gbit/s applications.

Devices offer search performance of up to one billion searches per second, which is four times the speed of its previous devices.

Complete information at [ElectronicsWeekly](#).

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## Marvell(R) Enables Secure And High-Availability IPv6 Deployments

Date: Monday, September 27 @ 16:22:51

Topic: IPv6 News

Marvell®, a technology leader in the development of extreme broadband communications and storage solutions, today introduced the new Prestera®- EX116 and -EX126 packet processors that offer the industry's most comprehensive support for IPv6 and enable customers to quickly incorporate IPv6 features into their product portfolios.

The new Prestera-EX devices offer full routing and switching capabilities in hardware for simplifying customers design efforts and accelerating their time-to-market.

Complete information at [YahooFinance](#).

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## Hexago Wins 2004 pulver100 Award

Date: Monday, September 27 @ 16:26:11

Topic: IPv6 News

Hexago, Inc., the leading enabler of IP convergence applications, today announced that it has been named to the pulver100 in recognition of the company's leadership in bringing differentiated IP communications offerings to market.

The pulver100 is the VoIP industry's premiere listing of privately held growth companies that represent the future of the communications ecosystem.

Marc Blanchet, Hexago co-founder and CTO, will accept the pulver100 award on behalf of Hexago at the Fall 2004 VON Conference Welcome Reception on Monday, October 18, 2004 in Boston, Mass.

Complete information at [MarketWire](#).

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## IPv6 expert sees adoption growing . . . slowly

Date: Monday, September 27 @ 16:37:06

Topic: IPv6 Task Force SC

For a decade, network executives have been awaiting the arrival of IPv6, an upgrade to the current version of the Internet Protocol, IPv4.

IPv6 promises a dramatically larger addressing scheme as well as enhanced security and easier administration.

Senior Editor Carolyn Duffy Marsan recently interviewed Jim Bound, chair of the North American IPv6 Task Force and CTO of the IPv6 Forum, about the status of IPv6 deployment. A Hewlett-Packard Fellow, Bound is a contributor to the IPv6 specifications and an early implementer of the technology.

Complete interview at [NetworkWorldFusion](#).

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## Allied Telesis Announces IPv6 Enabled 10 GbE Switch "CentreCOM 9924Ts"

Date: Monday, September 27 @ 17:07:36

Topic: IPv6 News

On September 14, Allied Telesis (parent company of Allied Telesyn) announced that the company would release its first Gigabit Ethernet (10GbE) switch in 2005.

CentreCOM 9924Ts will support 2 port expansion of 10 GbE.

Complete information at [IPv6style](#).

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## KNOPPIX Supports IPv6

Date: Monday, September 27 @ 17:12:23

Topic: IPv6 News

The National Institute of Advanced Industrial Science and Technology (AIST) of Japan, Alpha Systems Inc., and the WIDE Project jointly announced on September 14 that they developed "KNOPPIX/IPv6", Linux distribution that can be booted from a single CD-ROM with new IPv6 support, for which they acquired IPv6 Ready Logo.

Complete information at [IPv6style](#).

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## IPv6 Features in Windows XP SP2

Date: Monday, September 27 @ 17:16:09  
Topic: IPv6 News

Windows XP Service Pack 2 with Advanced Security Technologies was released to general users in September 2004.

The update includes improvements in IPv6-related features.  
Complete article at [IPv6style](#).

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## SBE rolls security offload board using Cavium silicon

Date: Friday, October 01 @ 23:21:27  
Topic: IPv6 News

SBE Inc. has used a security processor from Cavium Networks to develop a security processing offload board for communication equipment that handles SSL and IPsec processing tasks.

The securePMC-L PCI mezzanine card (PMC) is developed around Cavium's Nitrox Lite processor. This processor, which is built using Cavium's GigaCipher core, handles RSA, IPsec, SSL, and other security processing tasks while also providing on-chip support for IPv6.  
Complete information at [CommsDesign](#).

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## IPv6 über Satellit: Jetzt nur noch miteinander reden lernen ...

Date: Saturday, October 02 @ 09:39:44  
Topic: IPv6 News

Seit drei Jahren wird an der virtuellen Seidenstraße gebaut. Die für rund 3 Millionen US Dollar aus dem Haushalt der NATO errichtete IPv4-"Hauptstraße" aus West- und Zentralasien zu Europas Forschungs-Backbone Géant wird bereits von Forschungsinstitutionen in insgesamt acht früheren Sowjetrepubliken benutzt. Auch für den Weg über IPv6 ist nun alles bereit: Die IABG, die für die ESA das Projekt "IPv6 über DVB-S" verwaltet hat, legte einen Abschlussbericht vor.

Sorry, only German available, but a translator can be used on-line.

Complete information at [Heise Online](#).

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## Cebu Internet conference to focus on VoIP, IPv6

Date: Monday, October 04 @ 15:06:36

Topic: IPv6 News

In the coming Asian Internet Interconnection Initiatives (AI3) to be held in Cebu City, international research institutions on Internet technologies will focus on developing and enhancing voice-over-IP (VoIP) for distance learning and institutional collaboration, as well as the wide deployment of the new Internet Protocol version 6 (IPv6).

Complete info at [Infotech](#).

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## Companies expand IP work

Date: Monday, October 04 @ 15:09:38

Topic: IPv6 News

The Internet Protocol has become the standard technology for building networks and bridging voice and data services. As agency officials continue to implement IP networks, companies ranging from traditional network providers to telecommunications carriers are leaping in with new products and research initiatives.

The acceleration comes as IPv6 is poised to replace the previous version, IPv4.

Marconi Corp., Cisco Systems Inc., Network Equipment Technologies Inc. and AT&T serve as examples of a rapidly growing phenomenon.

Complete information at [Federal Computer Week](#).

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## Force10 Picks NetLogic

Date: Monday, October 04 @ 15:11:53

Topic: IPv6 News

NetLogic Microsystems, Inc., the leader in the design and development of knowledge-based processors, today announced that its NL5000 processors have been successfully incorporated, tested and deployed by Force10 Networks, the pioneer in high performance switching and routing, in the recently announced TeraScale E-Series family of switch/routers.

With the NL5000 processors, the Force10 TeraScale E-Series processes an industry-leading one billion packets per second while supporting such features as line-rate IPv6 forwarding, one million access control lists and link aggregation.

Complete information at [LightReading](#) and [CommsDesign](#).

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## Slides from the recent UK IPv6 Deployment Conference and IPv6 Cluster available

Date: Monday, October 04 @ 15:18:41

Topic: IPv6 Cluster News

The slides from both, the recent UK IPv6 Deployment Conference and the last IPv6 Cluster meeting, are available now on-line.

Click [here for the slides of the Cluster meeting](#).

Click [here for the slides of the UK IPv6 Deployment Conference](#).

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## Spirent Communications Collaborates with the DoDefense on IPv6 Transition

Date: Monday, October 04 @ 18:25:37

Topic: IPv6 News

Spirent Communications(TM) today announced that the U.S. Department of Defense (DoD) has asked Spirent Communications to participate in IPv6 demonstrations directly connected to the Communication Electronic Command's (CECOM) Joint User Interoperability Exercise (JUICE) and Joint Rapid Architecture Exercise (JRAE).

The DoD's Joint Interoperability Test Command (JITC) has used Spirent Communications' test solutions to assess the status of IPv6 in three areas key to the DoD's migration from IPv4 to IPv6 for all inter and intra networking by 2008.

Complete information at [BusinessWire](#) and [TMCnet](#).

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## Marvell tunes EX enterprise switch for IPv6

Date: Monday, October 04 @ 18:28:48

Topic: IPv6 News

Marvell Semiconductor Inc. has expanded its enterprise-aggregation switch lineup with a series that supports Internet Protocol version 6 and such advanced security features as the use of policy control lists to replace access control lists. The PreteraEX116, 126 and 136 are pin-compatible with the company's 115 and 125 Ethernet switch processors.

Complete information at [CommsDesign](#).

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## IPv6: How the New Protocol Will Change the Web

Date: Tuesday, October 05 @ 11:53:49

Topic: IPv6 News

As Internet usage around the globe continues to grow at an explosive rate, you're going to be hearing more about IPv6, a long-anticipated upgrade to the Internet's primary communications protocol.

Find out what you need to prepare your home or business for IPv6.

Complete article at [G4TechTV](#).

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## Samsung to increase manpower in R&D

Date: Tuesday, October 05 @ 11:56:24

Topic: IPv6 News

Korean electronics giant Samsung plans to hire 250 engineers more in India over the next two years. The company currently has close to 850 engineers in India at two research and development centres, and the number will go up to 1,100 by '06.

The company's R&D centres will continue to work on cutting edge technologies like embedded software, home network and IPv6, among others.

Complete info at [SifyFinance](#).

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## DAIDALOS project

Date: Tuesday, October 05 @ 21:41:47

Topic: DAIDALOS

Mobility has become a central aspect of the lives of European citizens in business, education, and leisure. The rapid technological and societal changes and the bewildering emergence of numerous new services has created a complex environment for network operators and a confusing situation for end users. The enhancement of existing technologies and development of new Beyond 3G systems will increase this complexity even more.

Daidalos will lead the fundamental rethinking of network architectures that is necessary to create a new generation of user-centred manageable communication infrastructure for the future.

The Daidalos vision is to seamlessly integrate heterogeneous network technologies that allow network operators and service providers to offer new and profitable services, giving users access to a wide range of personalised voice, data, and multimedia services. 46 partners from industry and academia are ambitiously working to achieve this vision.

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## Check Point Touts IPv6 Deployments

Date: Thursday, October 07 @ 15:28:49

Topic: IPv6 News

Check Point Software Technologies Ltd., the worldwide leader in securing the Internet, today announced that it has seen increased demand for next generation Internet Protocol Version 6 (IPv6) support. More than 750 Check Point IPv6 customer installations have occurred over the last year, actively providing customers with intelligent security protection.

Complete information at [LightReading](#) and [Government Computer News](#).

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## Prep for Tomorrow with an IPv6 Testbed

Date: Thursday, October 07 @ 15:33:02

Topic: IPv6 News

Yes, friends, I am afraid you do have to start paying attention to IPv6 (Internet Protocol version 6). It's on its way, it's inevitable, and us ace network admins must learn to use it.

At this point, at least in the United States, it's a novelty along the the lines of the talking dog. It's not that it talks well, but that it talks at all; in other words, implementation here is very limited. IPv6 is not an extension to IPv4, but a whole new protocol. So the transition to IPv6 means building devices, like network cards, phones, and routers, that support both, and running them side-by-side as the entire freakin' Internet makes the changeover. And it means updating all manner of software. Some say it will take 10-20 years.

Complete article at [EnterpriseITPlanet](#).

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## RFC 3919: Remote Network Monitoring (RMON) Protocol Identifiers for IPv6 & MPLS

Date: Saturday, October 09 @ 01:30:55

Topic: 6QM

A new Request for Comments, produced by the 6QM project, is now available in online RFC libraries.

The document "Remote Network Monitoring (RMON) Protocol Identifiers for IPv6 and Multi Protocol Label Switching (MPLS)", defines basic protocol identifiers for IP version 6 and MPLS protocols.

The RFC3919 is available at the [RFC editor](#).

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## Transition Guidelines from Japan

Date: Monday, October 11 @ 13:06:39

Topic: IPv6 Task Force SC

The Ministry of Internal Affairs and Communication of Japan, together with the IPv6 Promotion Council, has released several interesting documents regarding the transition to IPv6.

The documents describe the conclusions of a several years field trial transition from IPv4 to IPv6. Several documents, in English, are available at the [IPv6 Promotion Council site](#) and at the [IPv6 Deployment Field Trial site](#).

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## Enabling IPv6 in the Internet Exchanges

Date: Monday, October 11 @ 13:13:45

Topic: Euro6IX

Euro6IX has presented IPv6 and preliminary results of the project at the 3rd Latin American NAPs regional event (NAPLA 2004), in Sao Paulo, organized by the "Comitê Gestor da Internet no Brasil".

The slides are available at the [Euro6IX web site](#).

The videos are also available at the [NAPLA2004 site](#).

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## NetLogic Microsystems Ships 300MHz Enhanced Evaluation Kit

Date: Monday, October 11 @ 22:46:45

Topic: IPv6 News

NetLogic Microsystems, Inc., the leader in the design and development of knowledge-based processors, today announced the availability of an enhanced evaluation kit that supports 300MHz operation of the NL5000-family of knowledge-based processors.

The evaluation card supports up to four depth-cascaded NL5000 products, accommodating more than two million IPv4 or half a million IPv6 records.

Complete information at [BusinessWire](#).

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## Juniper Networks Extends Innovation at the Broadband Network Edge

Date: Monday, October 11 @ 22:51:15

Topic: IPv6 News

Juniper Networks, Inc. today announced new hardware and software features for its E-series edge routing platform that enable providers to deploy more sophisticated broadband services with increased levels of performance, reliability and scale.

As the industry-leading subscriber management platform for IPv6 environments, the E-series is now fully interoperable with the Siemens dual stack IPv4/IPv6 PPPoE tango(TM) Access broadband client software for Windows.

Complete information at [BusinessWire](#), [Converge!](#) , [LightReading](#) and [BusinessWire](#).

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## Wind River Continues Commitment to IPv6 - Receives the IPv6 Ready Logo

Date: Tuesday, October 12 @ 23:57:35

Topic: IPv6 News

Wind River Systems, Inc., the global leader in device software optimization (DSO), today announced that Wind River received the IPv6 Ready Logo.

The logo, which is issued by the IPv6 Forum, solidifies Wind River's commitment to speed IPv6 adoption and guarantee device interoperability for its customers.

Complete information at [Yahoo Finance](#).

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## Takara VoIP intercom phone

Date: Thursday, October 14 @ 06:45:35

Topic: IPv6 News

This one sneaked past us at the time, but seems eccentric Japanese toymaker Takara (responsible for the Bowlingual and more recently the Dream Workshop) is coming out with an IPv6 intercom phone.

Complete information at [Engadget](#).

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## **NTT Com Named Best Global Carrier at World Communications Awards 2004**

Date: Thursday, October 14 @ 06:56:08

Topic: IPv6 News

NTT Communications (NTT Com) received awards for Best Global Carrier and Best New Service during the sixth annual World Communications Awards held in London on October 11, 2004.

In addition, NTT Com won the top prize in the category of Best New Service for its provision of IPv6 / IPv4 Dual Service. Judges noted that the service is "potentially important for the entire telecom industry," especially since "NTT Com is ahead of the game."

Complete information at [JCNnetwork](#).

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## **Hitachi, Mitsui and Kabira Technologies Announce Collaboration to Provide OSS**

Date: Thursday, October 14 @ 06:58:37

Topic: IPv6 News

Hitachi, Ltd, Japan's leading system integrator and network equipment provider, Mitsui & Co. Ltd., Japan's largest general trade facilitator, and Kabira Technologies, the leader in high-speed Switching Software and Service Gateways for real-time telecommunications and financial services networks, have announced a technical collaboration dedicated to the development of new solution frameworks for next generation OSS services addressing the telecommunications market.

Complete information at [TNCnet.com](#).

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## **Anagran Raises \$8M**

Date: Monday, October 18 @ 13:36:52

Topic: IPv6 News

Anagran, Inc., an early stage company in the process of developing a next generation Customer Premises Equipment ("CPE") IP Router, today announced it has received \$8.0 million in first round venture financing. Participating in the round were ArrowPath Venture Capital, Draper Fisher Jurvetson and Argon Capital. Anagran, Inc. is developing an innovative, cost effective, fast, QoS capable, IPv4/IPv6 router for the Customer Premise Equipment ("CPE") market.

Complete information at [LightReading](#).

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## Allied Telesyn Ships IPv6 Switch Powered with the NP-1c Network Processor

Date: Monday, October 18 @ 13:39:54

Topic: IPv6 News

EZchip Technologies, a fabless semiconductor company providing high-speed network processors, today announced that Allied Telesyn's new AT-8948 switch is powered with EZchip's NP-1c 10-Gigabit network processor.

The AT-8948 is an Ethernet IPv4 and IPv6 multi-layer switch built to meet the needs of high performance network services for enterprise, education, and telecommunications service provider customers.

Complete info at [BusinessWire](#).

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## B. Keith Fulton Named Vice-President - Strategic Alliances for Verizon

Date: Monday, October 18 @ 18:23:02

Topic: IPv6 News

Keith Fulton has been named vice president - strategic alliances for Verizon, effective Oct. 25. Fulton will assume the position previously held by Magda Yrizarry, who is now vice president of workplace, culture and compliance for the company.

Fulton comes to Verizon from the U.S. Department of Commerce, where he was a senior telecommunications policy analyst. He was a member of the department's IPv6 Task Force, which examined issues associated with the next generation of the Internet protocol, known as version 6. IPv6 will serve as the foundation of tomorrow's Internet.

Complete information at [TMCnet](#).

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## Spirent Communications Introduces Advanced Trunking Protocol Support

Date: Monday, October 18 @ 18:27:03

Topic: IPv6 News

Spirent Communications(TM), announces the availability of its carrier-class Abacus 5000 IP Telephony Migration Test System with SIGTRAN, SIP-T, and IPv6 capabilities. This new functionality enables testing of traditional voice signaling protocols being carried over an IP infrastructure.

Complete information at [BusinessWire](#).

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## ClearSight Analyzer 4.0 Delivers Enhanced Performance and Clarity

Date: Monday, October 18 @ 18:29:25

Topic: IPv6 News

ClearSight Networks, the first company to offer network analysis tools for troubleshooting at the application layer, today announced the release of ClearSight Analyzer 4.0, its award winning network and application management solution. ClearSight Analyzer 4.0 incorporates enhanced support for VoIP, multi-tier / multi-segment ladder flows and an optimized navigation and user interface, resulting in an IT solution that minimizes time spent analyzing problems. New "expert reports" and ladder views assist network and application professionals with day-to-day network and protocol analysis duties as well as advanced initiatives, such as rolling-out VoIP systems or transitioning to the IPv6 standard.

Complete info at [BusinessWire](#).

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## BcN to provide users ubiquitous connectivity

Date: Wednesday, October 20 @ 15:13:09

Topic: IPv6 News

The broadband convergence network plan is seen as Korea's most significant attempt to create an integrated service environment that converges wired and wireless communication, broadcasting and data transmission.

The new network infrastructure is expected to provide the base for future communications and information services, such as Internet protocol version 6 (IPv6), next-generation mobile telephony, sensor-based network computing and radio-frequency identification technology.

Complete info at [The Korea Herald](#).

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## 6th Edition of 6NET Newsletter published

Date: Thursday, October 21 @ 20:02:33

Topic: 6NET

The latest edition of the 6NET Newsletter is now available.

This includes an interview with Patrick Grosstete, IPv6 Product Manager for Cisco Systems, an article on the open-source Liberouter project, and information on the collaboration between the 6NET and SEEREN projects.

The newsletter is available at the [6NET website](#).

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## Treck Technology Powers KADAK's KwikNet(R) TCP/IP Stack

Date: Thursday, October 21 @ 20:02:55

Topic: IPv6 News

Treck, Inc. and KADAK Products Ltd. today announced that Treck's high performance, zero copy core protocol technology is a key element in KADAK's new KwikNet TCP/IP Stack. Treck's technology allows KADAK to offer an expanded range of protocols, including options for IPv6, IPsec, IKE, SSL and SNMP v1, v2, v3.

Complete information at [Yahoo!Finance](#).

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## Turn The Channel

Date: Saturday, October 23 @ 11:28:50

Topic: IPv6 News

As a report from Illuminata explains, "InfiniBand is a network approach to I/O." InfiniBand components are addressed by IPv6 addresses, just as any other network node might be.

If you've been wondering whether Microsoft would ever start talking about IPv6, looks like it could happen via support of InfiniBand in the Whistler timeframe.

Interesting article available at [MCPmag](#).

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## The Leading Vendors Sponsor the November IPv6 Technologist Seminar in Arlington

Date: Tuesday, October 26 @ 16:59:28

Topic: IPv6 Task Force SC

The North American IPv6 Task Force (NAV6TF) and the IPv6 Forum today announced that the world class North American IPv6 Task Force Technologist Seminar 2004, which will be held November 16-17, 2004 at George Mason University in Arlington, VA, has attracted generous support from leading companies in the IT industry.

The November North American IPv6 Task Force Technologist Seminar will gather the founders and most innovative and influential leaders from the global Internet community to discuss strategic and deployment issues related to the next generation Internet protocol, IPv6.

Complete information at [BusinessWire](#).

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## Vint Cerf: Concerns over packets and politics

Date: Tuesday, October 26 @ 17:01:44

Topic: IPv6 Task Force SC

In a telephone interview, Cerf -- often called "the father of the Internet" for his co-authoring of the formidable Transmission Control Protocol/Internet Protocol (TCP/IP) -- fielded questions on an array of topics, including his disdain for the current U.S. administration's handling of science and technology issues.

He's confident that IPv6 (Internet Protocol version 6) will come soon if for no other reason than China alone could someday devour more than a third of the Net addresses currently available with IPv4.

Complete info at [ITworld.com](http://ITworld.com).

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## Airespace Launches First Next-Generation WLAN System With Support for IPv6

Date: Tuesday, October 26 @ 17:05:28

Topic: IPv6 News

Airespace Inc.®, today announced support for Internet Protocol version 6 (IPv6) in its award-winning Wireless Enterprise Platform, making it the first next-generation Wireless LAN (WLAN) system to support the next generation of Internet networking.

By supporting the newer version of IP, Airespace enables enterprises to "future-proof" their investments in WLAN technology. In addition, the Airespace WLAN system can take advantage of the scalability, security, and performance benefits of IPv6 as enterprises the world over migrate to this protocol.

Complete info at [ZDNet](http://ZDNet) and [MarketWire](http://MarketWire).

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## The yearly IST conference is approaching

Date: Tuesday, October 26 @ 17:17:27

Topic: IPv6 Cluster News

In order to have access to further details on the Conference, please make sure you register (there is no obligation to attend when you register)... but unless you register, you will not be able to express interest in attending specific networking sessions, for example.

This year the Unit Research Infrastructures (Unit DG INFSO F3) is promoting, with the support of key projects in the area, two big stands in the exhibition (IPv6 and eInfrastructure). You are cordially invited to visit them.

Complete information at the [IST2004 web site](http://IST2004).

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