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Welcome to Network Hero News!

Welcome to the Network Hero News, Apparent Networks' monthly newsletter. We are pleased to announce the recent release of the [PathView microAppliance](#) - a small, affordable device that tests and troubleshoots complex networks, even through third-party carriers.

Keep reading to find out more about this new product.

Also, with the holidays upon us, we hope you will take advantage of a few FREE gifts we have for you including the [PathView Cloud tool](#) and [Cloud Performance Center](#) services.

Happy Holidays! We look forward to working with you in the new year...

New Product : PathView microAppliance

The PathView microAppliance utilizes Apparent Networks [end-to-end network path technology](#) in a small, affordable, cell phone-size device. It provides the simplest way to find and fix tough network problems and easily allows you to:



- * Verify your carriers' SLA performance
- * Check paths to SaaS and cloud providers
- * Know the network's impact on virtualization
- * Assess your network's VoIP readiness
- * Manage your MPLS conversion confidently

PathView microAppliance does not require any burdensome hardware or installation - it deploys anywhere on your network; automatically discovers devices on your network; and only needs power and a network connection to work.

Download the [PathView microAppliance dataSheet](#) here.

➔ [Read more about PathView microAppliance](#)

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Tips & Tricks: Using the PathView microAppliance

The [PathView microAppliance](#) is an easy, affordable and portable device to test and troubleshoot your network.

Here are 3 ways the microAppliance can help you to optimize you network management as well as save time and money:

- **Testing to remote offices:** For many companies, remote offices do not include suitable "always on" devices that can serve as a target for network tests. The PathView microAppliance makes the perfect target. Administrators can ship it to the remote location where anyone can plug it in and connect an Ethernet cable. Intelligence is immediately available through PathView Cloud or any other Apparent Networks' solution.

IN EVERY ISSUE:

FREE PathView Cloud Tool!

Find out why thousands are already using PathView network performance management. Sign up for your free PathView Cloud account and monitor five paths in five minutes from now for free!

www.apparentnetworks.com



Win a Best Buy Gift Card!

We want to hear from you! Please take 5 minutes to share your thoughts on [cloud services in this month's survey](#). You'll automatically be entered to win a \$200 gift card.



Webinar: PathView Cloud Introduction: Weekly

Want an overview of PathView Cloud? Join us for a short demo of PathView Cloud and find out more about how you can troubleshoot and monitor your network for free. Webinars run several times each week. To check the schedule, click on the "Register Now" link below.

➔ [Register Now](#)

Network Assessment Webinar: December 30, 2009 12pm ET

This webinar will discuss the best practices for performing network assessments prior to rolling out new applications or services. Ensure your network can handle additional traffic before making changes. Easily validate changes post-deployment.

➔ [Register Now](#)

Got a Tough Network Problem?

Let our systems engineers help you find and fix your toughest networking issues 70% faster. Our free "Fix It Now" program connects you to a PathView expert who will work with you until your problem is resolved. Everyone is eligible to take advantage of this great offer.

➔ [Sign up here!](#)

• **Monitoring a managed service:** Managed service providers install a PathView microAppliance within a customer's network, and they can then test the network path between their hosted offering and the client - even offering this as a premium monitoring service. The microAppliance also simplifies pre-deployment network assessments for determining clients' readiness for hosted services and latency-sensitive applications like VoIP or IP-video. It provides an effective alternative to hauling a server to the client site or provisioning a server at that location.

• **Evaluating applications on servers that cannot host**

PathView code: Servers hosting specific next-generation data center applications are sometimes unable to host the PathView code required to send out test packets. In these cases, the PathView microAppliance can be installed next to the application, providing a far more accurate assessment—in a streamlined and inexpensive way—than configuring a second server that may not be close to the server hosting the application.

➔ [Read more about PathView microAppliance](#)

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The Latest

Cloud Performance Center - In the News

As you read in the last issue, the new [Cloud Performance Center \(CPC\)](#) offers performance data on leading cloud services providers such as Amazon, Google and GoGrid to help you make more informed decisions before outsourcing your applications and infrastructure.



With so many critical applications relying on cloud service providers, it is important their performance is continuously monitored to ensure dependable service and connectivity. As the CPC tracks leading cloud services providers, Apparent Networks will periodically release performance advisories when PathView Cloud uncovers issues that may affect a large group of people. For example, last week [Apparent Networks notified Amazon EC2 users of a web services outage](#).

This free service has created a lot of buzz over the past few weeks, demonstrating how important the real-time and historical reporting on cloud service providers is for organizations across the country.

What are people saying? Read on...

Network World: [Free online services benchmark cloud provider performance](#)

Xconomy.com: [How Fast is Your Cloud Connection? Apparent Networks Can Tell you](#)

InformationWeek: [Amazon EC2 Cloud Datacenter Loses Power](#)

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PathView Cloud and VoIP

We want to share a recent [blog post from telecommunications guru Dr. VoIP](#).

In this post Dr. VoIP discusses troubleshooting VoIP issues in a multi-site deployment. He provides helpful insight on VoIP network monitoring including bandwidth capacity, loss, jitter, MOS, latency and tagging.

Dr. VoIP describes PathView Cloud as a tool that "enables you to create monitoring solutions that regularly report on health checks and trigger alerts when 'violations' have been detected" - in a free easy-to-download service.

➔ [Read VoIP QoS Network Monitoring and PathView Cloud](#)



New to PathView and Want to Learn More?

Check out our introductory [videos](#) and our video library at www.apparentnetworks.com



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Take our Cloud Computing Survey and Enter to Win a Best Buy Gift Card

This month's survey is all about cloud services. Take a few minutes to share your input with us and enter to win a \$200 gift card to Best Buy!



Congratulations to Cody Cook from Financial Network, Inc. Cody completed last month's survey and won a Wii!

➔ [Take the Cloud Computing Survey](#)

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