



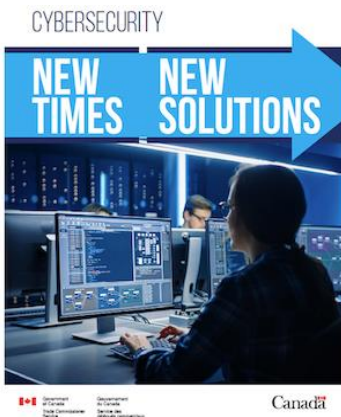
Newsletter November 2020

Introduction

Facing new challenges



The global pandemic continues to be one of the inescapable aspects of life and business in the year 2020. NoviFlow is quite proud of how well our employees have risen to the challenge and adapted to working from home and conducting meetings via videoconference. We are also happy to report that our efforts to meet our customers' needs have continued unabated and undiminished, enabling us to launch new products, expand our workforce, and continue to have a positive impact in our society. [Please see the message from our CEO, Dominique Jodoin, concerning these efforts.](#)



NoviFlow listed as a leading cybersecurity innovator by the Canadian Trade Commission Services in the CTS's Cybersecurity e-Book

The e-Book was compiled to present Canadian companies driving the evolution of network security, as part of the global increase in importance of networks for commerce, personal and communal life. Click on the following link to access the online [Cybersecurity e-Book](#).



Launch of CyberElastic all-in-one MEC programmable infrastructure for edge computing (with Lanner Electronics)

In order to support exponential growth in bandwidth demand, in the number of connected devices and in the volume of applications demanding low-latency, NoviFlow, Lanner and Fortinet have joined forces to deliver CyberElastic, a fusion of NoviFlow's NoviWare and CyberMapper software with Lanner's HTCA 6600, an all-in-one, fully-programmable platform for developing and deploying microservices-based edge computing applications, combined with Fortinet's Fortigate cybersecurity VNF. The solution redefines the economics and performance of network edge security, reducing the costs of both cybersecurity equipment and software, and enabling the elastic scaling of cybersecurity services. The platform integrates Intel's Xeon Scalable processor-based compute nodes and Barefoot Tofino P4-programmable Ethernet switch silicon in a modular, multi-blade architecture, assuring both great price-performance and linearly throughput into the Terabps range. Click here to catch the full story in our [recorded webinar](#).

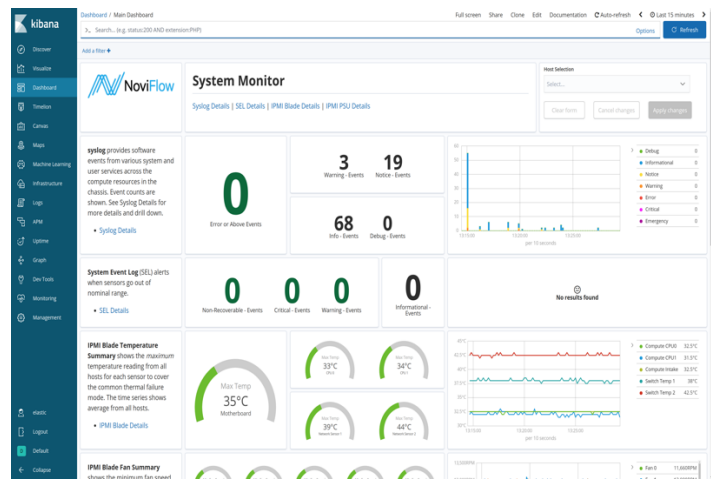


Fortinet and NoviFlow team up to deliver Hyper-scale Security and CG-NAT in Mobile Networks

The multiplication of mobile and connected devices, the proliferation of streaming video-based applications, and cloud-based services will only augment the challenge of delivering capacity and ensuring quality as data moves from web to mobile to machines.

To compound the issue, the surge in IoT and the recent global depletion of public IPv4 addresses strains existing IPv4 infrastructures and increases demand for CG-NAT IPv4 services. Hyper-scalability is now required in MNO networks. Fortinet and NoviFlow have teamed up to deliver the industry's most agile and performant hyperscale solution for 4G and 5G.

The solution delivers high throughput and dynamically scalable CG-NAT services in a programmable SDN networking environment while reducing total customer network CAPEX and OPEX. NoviFlow's CGNMapper and Fortinet's CG-NAT service: Terabit capacity and dynamic scaling to stay ahead of today's exponentially growing demand for CG-NAT services. Read all details on [this webinar](#).



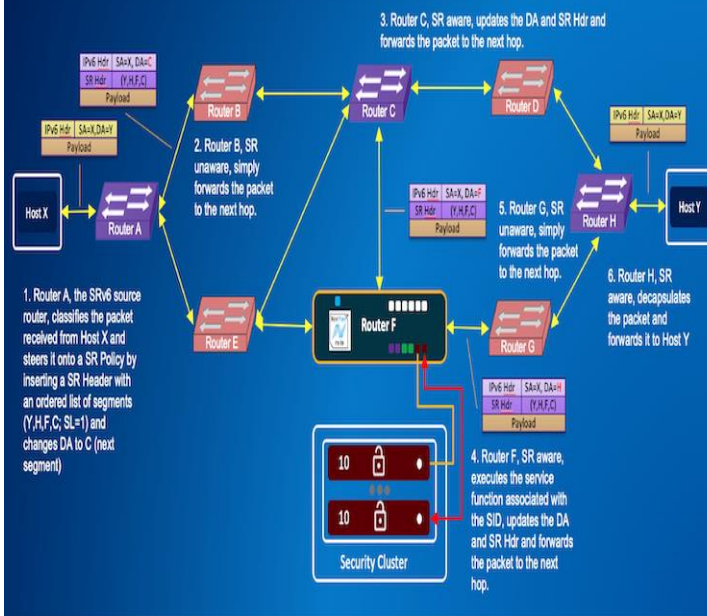
What you can monitor you can monetize! NoviFlow delivers VisualAnalytics™ for the Lanner HTCA-6600 family

Existing data collection systems primarily focus on ingesting information about the network and host system availability, giving only a limited view of the health of systems.

NoviFlow's VisualAnalytics focuses on the whole platform, ingesting datapoints from the hardware layer up to the application layer enabling visualizations of the operational health of the whole system, greatly simplifying management of installations, enabling zero-touch installation and remote management, and reducing operating costs by eliminating the need for expensive truck-rolls to customer premises.

VisualAnalytics enables you to quickly get the critical information you need – when you need it, while avoiding the information overload of big-data! NoviFlow's Visual analytics is initially available for the Lanner HTCA-6600 family of all-in-one compute/networking/storage platforms. [Visit our product page to get the full scoop on VisualAnalytics.](#)

SRv6 Example



NoviFlow is Helping Redefine Service Delivery with Segment Routing over IPv6 (SRv6)

NoviFlow is working closely with Bell Canada and Cisco in delivering an end-to-end SRv6 solution for carrier networks. At the SDN&NFV World Congress 2020 we announced the addition of SRv6 support to the existing packet brokerage, load balancing and network telemetry services of our CyberMapper programmable forwarding plane solution. This greatly reduces the overall cost of the Service Provider Edge by integrating these network functions into an easy to manage and deployable solution. Deployed with Intel's Barefoot Tofino programmable switch fabric empowered by NoviFlow's NoviWare Network Operating System, the solution leverages the flexibility advantages of P4 as a programming and control language to deliver multi-Terabits performance. [Visit our SRv6 Solution page to get the full details.](#)



NoviFlow at Layer123 SDN & NFV World Congress 2020

NoviFlow hosted a virtual booth at this year's edition of Europe's main SDN and NFV conference!

We also hosted two virtual presentations focusing on our SRv6 efforts and solutions. We also presented our joint MEC platform solution with Lanner Electronics and introduced our VisualAnalytics software (see above.)

NoviFlow Presentations on SRv6:

-SRv6 Use Cases for Network Transformation by our Co-founder and VP Product Management Jesper Ericsson. [Click here to see the recording.](#)

-Service Programming with SRv6 Joint presentation by Bell Canada's Daniel Bernier and NoviFlow's Jesper Ericsson. [Click here to see the recording.](#)

We also recommend you check out our partner Lanner Electronics' presentations on their HTCA-6600 family of MEC platforms featuring NoviFlow's NoviWare NOS, CyberMapper controller, and ground-breaking VisualAnalytics software.

- [Lanner presentation one](#)

- [Lanner presentation two](#)

Use Cases Showcase

Positive impact in our society

Adaptive Mobile Security and NoviFlow support MTN to make the internet a safer place for the children

NoviFlow is very proud to have participated as a technology partner with Adaptive Mobile in the mission to prevent the sexual exploitation of children on the internet. The end result is a multi-vendor solution including NoviFlow's CyberMapper deployed by MTN, an Africa-wide Telecommunications Company, as part of their Child Online Protection programme, launched in partnership with the Internet Watch Foundation (IWF). We're very proud of this deployment! [Read more about it here.](#)



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