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NSI Launches Innovation Lab to Solve Challenges in Modern Application Delivery and Edge Networking



NetBox Creator Jeremy Stretch joins NSI Labs to drive innovation efforts and explore joint value for NSI and NetBox users

NEW YORK — June 15, 2021 — NSI, the leader in application traffic intelligence and automation, today launched **NSI Labs**, a new group focused on spurring innovation in the foundational technologies supporting the global internet, to address the future challenges of connecting applications and audiences at the distributed edge.

The world is increasingly dependent upon **internet and enterprise applications**, requiring rapid modernization and scale within the infrastructure and delivery stack that keeps these business-critical applications connected to their audiences. Supported by a team of leading engineers, NSI Labs will focus on developing solutions to the greatest challenges of modern internet connectivity and advancing industry knowledge through information sharing.

“Our industry is evolving rapidly to keep up with the demands of our connected world,” said Kris Beevers, co-founder and CEO NSI. “The NSI Labs team looks at emerging challenges in application delivery and edge networking, investigating potential solutions, and creating new technologies that will break down barriers to industry-wide innovation and help to build a better digital future.”

In addition to innovating on existing open source projects, such as **pktvisor** and **Flamethrower**, one of the team’s current initiatives is rethinking edge network observability. By drawing from internet of things, edge compute, and high-throughput stream processing concepts, NSI Labs is developing Orb, a **dynamic edge observability platform** that helps operators, developers, and end users understand their networks, distributed applications, and traffic flows in real time. This open source, extensible, vendor-neutral, and cloud-native solution will preview during **INSIGHTS2021** on June 24 during a presentation from Shannon Weyrick, vice president of research and founding member of NSI Labs.

NSI has also appointed [Jeremy Stretch](#) as a distinguished engineer. Stretch is the creator and lead maintainer of [NetBox](#), the popular open source infrastructure resource modeling tool that is available on GitHub. Prior to NSI, he was the lead network developer at DigitalOcean, where he was responsible for the design and automation of a dozen data center networks around the world.

Stretch and the thriving NetBox community have built the widely adopted platform to model network infrastructure and unlock network automation. As part of the NSI Labs team, Stretch will work with the NetBox community to accelerate the pace of development and explore new pathways to value for users of both NetBox and NSI. During [INSIGHTS2021](#), Stretch will discuss how NetBox can serve as the “source of truth” for networks and how companies can begin automating network services.

Learn more about the NSI Labs [open source projects](#). Also, visit the [INSIGHTS2021](#) site to view the full list of speakers and sessions and register.

About NSI

The internet and applications powering our world depend on NSI. Billions of people connect to work, school, entertainment, and healthcare, and stay informed because of the company’s innovative technology. As an ally for innovators, [NSI](#) helps our customers turbocharge their ideas in pursuit of building the better future through connecting applications and audiences at the distributed edge. NSI’s application traffic intelligence and automation portfolio makes applications faster, reliable, and secure everywhere. With technologies for cloud-native network services, edge-to-cloud networking, and application traffic optimization, NSI helps eliminate the barriers between applications, users, infrastructure, and data. NSI has more than 725 customers across the globe, including Dropbox, Fox, Salesforce, LinkedIn, and eBay, and is backed by investments from Energy Impact Partners, Dell Technologies Capital, Cisco Investments, and GGV Capital.

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