

CloudSmartz Partners with NoviFlow to Deliver Data Center Automation

Data Center ConneX™ Solution is a bundled product including NoviFlow Network Switches, an Open Source SDN Controller, and CloudSmartz' On-Demand Software Portal and Integration

ROCHESTER, NEW YORK, OCTOBER 30 2018 | [CloudSmartz](#), a leading lifecycle service and customer orchestration solution provider enabling digital transformation, and [NoviFlow® Inc](#), a global vendor of high-performance SDN network operating software (NOS), cybersecurity middleware and programmable network solutions, today announced a joint solution to efficiently address Data Center Interconnects, Data Center Cross-Connects & Cloud-Connects that is enabling cost-effective dynamic scaling for even the most highly variable and demanding data centers.

The new solution from CloudSmartz & NoviFlow, called Data Center ConneX™ is comprised of CloudSmartz SDxSuite™ controlled with Open Source SDN Controller, OpenKilda and connected to the NoviFlow NoviSwitch™ programmable dataplane to deliver Data Center Cross Connects, Data Center & Cloud Interconnects and On-demand Efficiencies.

[OpenKilda](#) is a relatively new open source SDN controller that specifically addresses scalability, network state, self-healing and telemetry. OpenKilda also includes a path computation engine as well as an advanced graphical user interface that provides Communication Service Providers (CSPs) and Data Center Providers complete SDN control.



Consumer demand for first-rate CSP and Data Center services is increasing at an extraordinary rate as Cloud adoption continues to grow, with more and more enterprises moving to cloud-based applications and services. To ultimately prosper, CSPs and Data Center Providers are developing fresh revenue streams from a host of digital, on-demand services: BWoD (Bandwidth on Demand), CCoD (Cross-Connects on Demand), Cloud Connect, SD-WAN, vCPE, virtual firewalls, load balancers, cloud brokering, inter-carrier network exchange, and more.

“With our combined experience in network technologies, implementations of various open source controllers, and innovative software solutions, our collaborative CloudSmartz and NoviFlow teams continue to drive on-going success as prime implementation partners and key contributors to OpenKilda,” says Manjeet Dhariwal, CTO, CloudSmartz.

The Data Center ConneX Solution, a solution bundled with NoviFlow's NoviSwitch dataplanes and CloudSmartz' Acumen360™ SDxSuite, provides a compelling SDN-based Data Center and Cloud Interconnect solution with unparalleled price performance and scalability. The NoviSwitch features unique programmable match/action pipelines that allow datacenters to define new services that are future-proof and scalable, while CloudSmartz enables end-to-end Data Center automation.

Dominique Jodoin, President and CEO of NoviFlow, explained, “The alliance between CloudSmartz and NoviFlow provides a compelling new programmable Data Center Interconnect Solution with unprecedented price-performance, extending the radical CAPEX and OPEX benefits of SDN beyond the network's edge and into the spine and core. The Data Center ConneX solution is unique in having been jointly developed with a Tier-1 CSP where it is already deployed in production. Running on the OpenKilda Controller, the bundled solution of software and switches provides a single uniform Open Standard-based forwarding plane interface for the entire network, finally delivering the programmable network that CSPs, data centers, and enterprises have been waiting for. NoviFlow is honored to collaborate with such a distinguished partner as CloudSmartz to offer state-of-the-art features and performance at reduced costs to the Data Center.”

ABOUT CLOUDSMARTZ

CloudSmartz is a leader in digital customer experience management providing digital transformation and virtualized network and software solutions for Communications Service Providers (CSPs) around the world. CloudSmartz' global delivery model enables them to provide a complete end-to-end delivery capability: United States, Asia Pacific and Europe, Middle East & Africa. The CloudSmartz opensource model is centered around customer focused solutions, high-quality development, and rapid implementation. Inc. 5000 named CloudSmartz one of America's Fastest Growing Privately-Held Companies for three consecutive years in a row – that matches to our growth and strategy. For more information please visit our website <http://cloudsmartz.com>. Follow CloudSmartz on Twitter @CloudSmartz.

ABOUT NOVIFLOW

NoviFlow Inc. is a leading vendor of high-performance SDN Network Operating Software (NOS), Cybersecurity Middleware and Programmable Network Solutions to network carriers, data center operators, government agencies and enterprises seeking greater control, security and flexibility over their networks. NoviFlow has offices in Montreal, Boston, Sunnyvale and Seattle, and representatives in the Asia Pacific, Europe, and the Middle East. For more information, visit <http://noviflow.com>. Follow NoviFlow on Twitter @NoviFlowInc.

ABOUT OPENKILDA

OpenKilda is a scalable open-source SDN Controller built by a Tier-1 CSP and architected from the ground up for use in global provider networks. OpenKilda employs web-scale messaging, work process partitioning, and a graph node Database to deliver massive scalability even in situations of unreliable control planes, highly variable latencies and distances that span the globe. This makes OpenKilda ideal for Bandwidth-on-Demand applications including Datacenter interconnects, DC cross-connects and global WANs. Also providing live telemetry for network operations and a path computation engine (PCE) with intelligent flow routing, OpenKilda is currently deployed in production and manages a network spanning 11 countries and growing. For more information visit <http://www.open-kilda.org>.

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CloudSmartz Acumen360 SDxSuite™

- End-to-end Automation (LSO) to existing environments and ecosystem
- Customize to your look and feel



OpenKilda SDN Controller

- Open Source Web-Scale SDN Controller
- Manages multiple carriers over long distances



NoviFlow Programmable Dataplane

- Designed for on-demand, dynamic networks
- Future proofing allows new features & functionality to be added over the life of the network

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