

Peru IX and PIT Colombia pioneer 400G in LATAM with Smartoptics

Oslo, Norway – February 29, 2024 – Smartoptics, a leading provider of optical networking solutions, today announced that Peru IX and PIT Colombia, two internet exchanges under the same ownership, have upgraded to 400G, becoming among the first to do so in Latin America. The Smartoptics solution was chosen for its flexibility and small data center footprint.

Peru IX and PIT Colombia are two internet exchanges under the same management team and with the same commitment to improving internet infrastructure in their respective countries. Peru IX sought a cost-effective way to interconnect two data centers in Lima with a diverse fiber path. The solution chosen is centered around the Smartoptics DCP-404 muxponder and DCP-1203 transponder paired with an open line system and 400G optics. This ensures high capacity and low latency while maximizing fiber utilization and minimizing rack space requirements.

“Smartoptics understands our needs well, proposing and delivering a highly cost-effective and flexible solution. We appreciate that they have Spanish-speaking staff, don’t try to lock us in, and have a clear roadmap so that we can plan ahead for future deployments. In our analysis, Smartoptics was the best solution we could find to deliver 400G QSFP-DD based transponders and muxponders. I’m confident that other Latin American network operators and IXPs will see the value of upgrading to 400G,” says Salvador Bertenbreiter, co-founder and CEO of Peru IX and PIT Colombia.

PIT Colombia also runs the same type of Smartoptics solution in the capital region of Bogota, where the internet exchange has deployed 400ZR+ for high capacity and flexibility over a long distance to interconnect two data centers with link redundancy.

“At Smartoptics, our solutions are future-proof and we have the flexibility to accommodate a variety of use cases and changes in operating conditions. As a result, there is no need to wait to upgrade capacity until the last second. Peru IX and PIT Colombia are leading the way, showing Latin America a simple and effective path to 400G with Smartoptics. Their innovative approach will surely be a source of inspiration for others in the region,” says Armando Carmona, Business development director LATAM, Smartoptics.

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About Smartoptics

Smartoptics provides innovative optical networking solutions and devices for the new era of open networking. Our customer base includes thousands of enterprises, governments, cloud providers, Internet exchanges as well as cable and telecom operators. We have an open networking approach in everything we do which allows our customers to break unwanted vendor lock-in, remain flexible and minimize costs. Our solutions are used in metro and regional network applications that increasingly rely on data center services and specifications. Smartoptics is a Scandinavian company founded in 2006. We partner with leading technology and network solution providers such as Brocade, Cisco and Dell and have a global reach through more than 100 business partners.

For additional information about Smartoptics, please visit <https://smartoptics.com/>

About Peru IX

Peru IX is the leading neutral Internet Exchange Point in Peru. It is a distributed IXP with over 20 PoPs in Lima, Peru most of them connected to Nx100G or Nx400G. Its Lima IXP currently moves over 2 Tbps of traffic and has become a key player to ensure high capacity, low latency and low-cost per bit interconnections in Peru. It also operates decentralized IXPs in 4 cities, helping to reduce the cost and reduce latency of Internet in Peru. For more information visit <https://www.peruix.net>

About PIT Colombia

PIT Colombia is a decentralized neutral IXP with operations in 5 cities of Colombia: Bogota, Medellin, Cali, Barranquilla, and Bucaramanga. It's redefining the peering ecosystem in Colombia by creating new interconnection HUBs which allow super high speed, up to 400 Gbps, low latency and reduced cost interconnections in major cities of Colombia. For more information visit <https://www.pitcolombia.net>