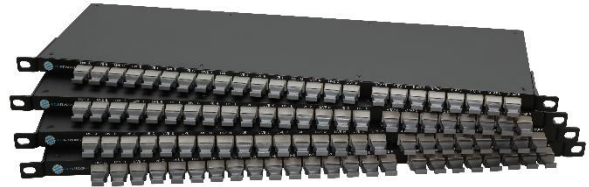# TAPstack Series
100G/400G success story

A Large Canadian Telco faced the challenge of improving network visibility across its multiple data centers. They needed a solution that could provide better visibility while remaining cost-effective and space-efficient. That's when they discovered TAPstack.

TAPstack's cost-effective family of TAPs allowed the Telco to rapidly and effectively deploy analysis tools to observe and monitor their high-speed optical networks. With models available to support duplex and parallel optical links for multimode (MMF) and singlemode fibre (SMF), with rates up to 400 Gb/s, TAPstack was able to meet the Telco's high-speed data transfer requirements. The slim, rack-mounted TAPstack device supported up to 24 ports in a single rack unit, making it an ideal solution for the Telco's limited data center space.

Moreover, the Large Canadian Telco decided to replace its incumbent Gigamon with TAPstack's 100G and 400G networks. The Telco recognized that TAPstack's Passive and Secure Fiber Optic TAPs provided the same functionality and security as Gigamon while offering superior performance and a more cost-effective solution.

By deploying TAPstack's 100G and 400G networks, the Telco could leverage the latest technology to optimize its network infrastructure. TAPstack's high-speed data transfer rates allowed the Telco to monitor and analyze its network traffic more effectively. With TAPstack's cost-effective family of TAPs and superior performance, the Telco achieved significant cost savings (~45% savings) while improving its network infrastructure.

Thanks to TAPstack, the Large Canadian Telco improved network visibility while remaining cost-effective and space efficient. The Telco's successful deployment of TAPstack's 100G and 400G networks has become a case study for other businesses looking to achieve similar goals.