

Case Study:

SRC

European business technology solutions
(Cloud Computing, IT Infrastructure, Healthcare, Education)

www.src.si

LIGHTPOINTE™
WIRELESS

SRC, an IT infrastructure company based in Slovenia, has enjoyed Gigabit capacity and reliable service for ten years from a LightPointe Free Space Optics wireless bridge

About SRC

SRC is a European company specializing in deployment of advanced IT technologies, including software and hardware solutions. The company helps businesses and government agencies improve the efficiency of their operations activities with a highly qualified team of 300 experts, the most advanced technologies, and 27 years of experience in optimizing the most demanding business processes from all areas of the economy and public administration. Each of SRC's 300 experts have acquired over 1000 certificates from various fields. The SRC group comprises companies from Slovenia, Croatia, Serbia, and Macedonia. SRC specialties are Business Technology Solutions, Cloud Computing, Government IT/Public Services Solutions, Infrastructure Solutions, Healthcare Solutions, and IT education.



The Challenge facing SRC and its customers

SRC helps corporations, financial institutions, and public administration/government entities realize a high level of efficiency and performance in their IT networks. SRC achieves this by combining its expertise with excellent customer support—as well as the newest technology solutions. Since over 70% of Slovenian banks utilize SRC's services, and a large percentage of government agencies, signal/data security is especially critical for SRC and for its customers. SRC and its customers also needed a wireless solution capable of a high degree of reliability and Gigabit capacity transmission. Since SRC's customer base outsources much of their IT products and services, they depend on SRC to select the best technology for each application and deployment scenario.

SRC evaluated various data transmission options for extending a LAN to a remote site, including fiber lines between buildings, radio frequency bridges, and laser-based wireless bridges. In December of 2014, SRC decided that LightPointe's Gigabit capacity wireless bridge, with four overlapping laser beams for maximum availability, was the best technology option. The system has been operating reliably for ten years...and counting.

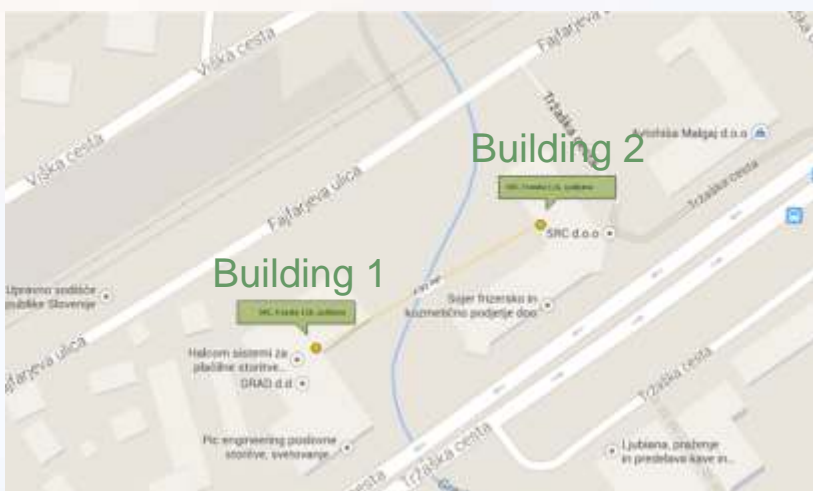
The LightPointe solution

LightPointe's FlightLite G Free Space Optics bridge was chosen by SRC, which provides a total aggregated link capacity of 2000 Mbps. The AireBridge SX is the latest version of this advanced wireless bridge. SRC obtained the benefits of: (1) Gigabit capacity, (2) fast and low cost installation, (3) affordable initial hardware costs, (4) no recurring monthly operating fees, (5) extremely high reliability/availability up to 99.999%, (6) system immunity from nearby radio frequency transmissions and congestion both at the time of installation and for 'future proof' protection and (7) the highest signal and cyber security possible, to protect computers and data from eavesdropping and viruses.



“Back in 2005 we needed a reliable point-to-point solution to connect two buildings, and we needed it quickly. We chose LightPointe’s FSO solution after carefully considering leased fiber lines and competing radio frequency bridges. The solution has performed admirably for ten years and counting, providing excellent ROI, high capacity, reliable LAN connectivity and most importantly optimum signal/data security only possible with a laser and private network.”

*Srečko Bucek
Project Manager*



*“The solution
has performed
admirably for
ten years and
counting...”*

Key advantages of LightPointe's Free Space Optics wireless bridge for SRC:

- Fast installation
- No frequency/regulatory licensing costs or delays
- A total of 2000 Mbps of aggregated link capacity
- Gigabit throughput and low latency for near-instant communications between buildings
- Superior security of optical transmission provides increased protection from data eavesdropping and cyber attacks on computer systems
- Advanced Free Space Optics/laser technology with exclusive LightPointe auto-tracking performance
- The ultimate in affordable and reliable data transmission (2 simultaneous overlapping beams; TX/RX)
- Low cost/high ROI, especially when compared to GigE/GbE RF alternatives and fiber-optics

Industry:

IT solutions integrator with emphasis on demanding sectors such as banking, cloud computing, government agencies, healthcare, enterprise IT, and education.

Solution:

LightPointe Free Space Optics technology (FlightLite G). The latest version of this advanced wireless bridge is the AireBridge SX, the world's first software-defined Free Space Optics solution. The AireBridge SX wireless bridges offer highly competitive pricing and extreme value for distances up to 750 meters. Utilizing an advanced single laser and "Avalanche Photo Diode" (APD), these bridges transmit and receive data simultaneously for full duplex connectivity. Each side of the link can be ordered in a 250 Mbps, 500 Mbps, or 1,000 Mbps configuration—and can be upgraded later via software keys. These "future proof" solutions are also available with LightPointe's patented HyBridge technology (shown below), which utilizes both laser and radio frequency transmission for nearly 100% reliability in all weather conditions. This real-time monitoring technology, which LightPointe invented, provides the best of both world's in wireless transmission—highly secure, ultra fast laser throughput and integrated RF transmission.

LightPointe Channel Partner & System Integrator:

SRC d.o.o.

Tržaška cesta 116

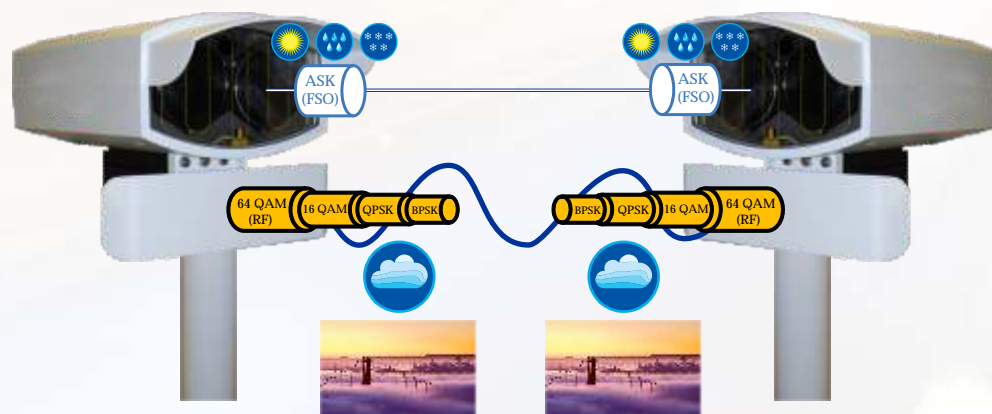
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AireBridge with optional HyBridge feature



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