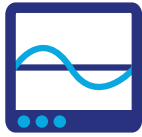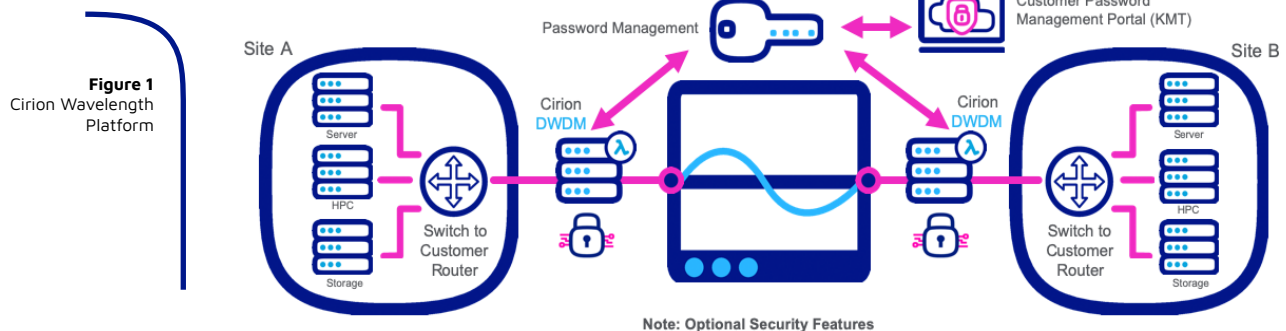# Wavelength

## Enhanced bandwidth for significant projects

Wavelength provides high-capacity, point-to-point connectivity between two sites, using a next-gen, fiber-optic network and leveraging DWDM technology.

In today's highly competitive environment, organizations are increasingly adopting digital initiatives to boost their business, develop new products and innovate customer experience.

However, whether they need to deploy state-of-the-art applications or securely transfer large volumes of data between data centers and cloud environments, complexities can arise that present a real challenge for IT organizations to keep up with business demands



**Figure 1**
Cirion Wavelength Platform

## Benefits

### Full Transparency
We provide visibility and end-to-end control for a more efficient network management and world-class SLAs.

### Security and Support
We deliver the necessary configuration capacity to comply with disaster recovery requirements. Additional traffic encryption option and customer-oriented monitoring portal.

### Risk-free Benefits
Our next-gen DWDM technology carries multiple channels over a single fiber thread -more capacity at a lower cost.

### Fluid Traffic
We ensure traffic fluency and the necessary flexibility to reduce network management costs, provide diversity and improve connectivity among disperse locations.

In today's business, highly scalable network connectivity is required, with in-flight data encryption and an easy-to-use password management tool that only you can control and have visibility into.

## Technical Features and Benefits

- Point-to-point, fully managed wavelength service.
- Bandwidth:
  - Ethernet: 10, 40, 100, 400 Gbps (as per availability).
  - Fiber Channel (METRO networks only): 4, 8, 16, 32 Gbps SAN.
  - OTU: 2, 3 and 4.
- Next generation DWDM network technology.
- International, domestic, and metro service connectivity, with coverage in the main Latin American countries.
- One of the best SLAs in the industry.
- Custom routing to meet unique diversity and disaster recovery requirements.
- Low latency and guaranteed bandwidth.
- Possibility of including layer 1 encryption.
- Upper layer technology agnostic.
- Protected and unprotected service options.
- 24/7/365 network monitoring includes - fault management of network transport alarm, surveillance, dispatch, and fix verification/tracking.
- Submarine network capacity.

As a leading digital infrastructure and technology provider, we offer a comprehensive suite of fiber network, connectivity, colocation, cloud infrastructure, and communication and collaboration managed solutions. Cirion facilitates the necessary IT resources to meet your specific needs and leverage the existing opportunities in Latin America and worldwide.

We deliver a comprehensive technological proposal that develops businesses' potential in the region, over a solid solution ecosystem designed for the main market segments.
With an agile, interconnected and flexible platform, we optimize our customers' processes with one of the most powerful technological infrastructures and digital platforms in the marketplace.