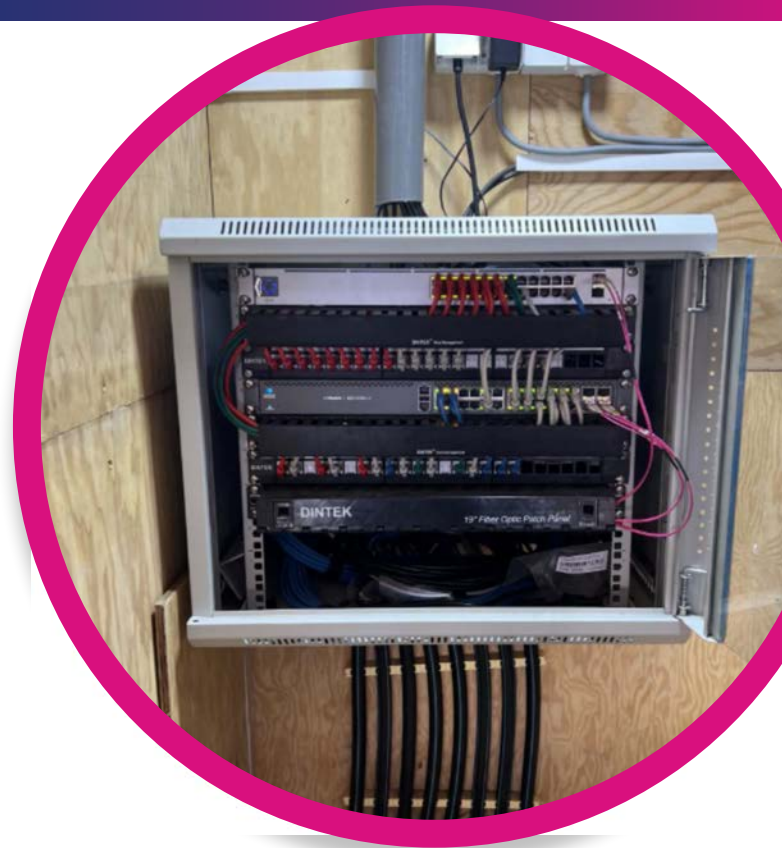# ONE Network Powers Seamless Connectivity for Bonaire's Pier Dos

Pink Coral IT, a Bonaire-based IT service provider, has been instrumental in delivering robust and reliable connectivity solutions for businesses on the island. Owned by Francis den Doelder, Pink Coral IT has grown its reputation through customized IT and networking projects for local establishments, including a wide range of hospitality businesses.

Cambium Networks™

The Challenge

When Pink Coral IT took on the task of upgrading the network infrastructure for Pier Dos, a newly constructed pier alongside the boulevard in Bonaire, it faced several key challenges:

- Logistical obstacles: All hardware needed to be imported, which involved long shipping times.
- Harsh environment: The pier's seaside location demanded weather-resistent and durable installations to withstand saltwater exposure.
- Performance demands: The network required seamless connectivity to support a mix of hospitality and office operations, demanding high-capacity and future-proof technology.

Technology Solution

Pink Coral IT turned to Cambium Networks for a comprehensive suite of networking hardware and solutions to address these challenges. With the help of Wimood, a trusted partner, the project incorporated the following technologies:

Wi-Fi 6/6E Access Points:

- XE3-4TN: Outdoor tri-band APs with external antennas for extended range and resilience..
- XV2-23T: High-performance outdoor Wi-Fi 6 AP for optimized roaming and scalability.

CnMatrix™ EX Series Ethernet Switches:

- EX2010-P: A PoE switch to power multiple access points and connected devices.
- EX3028R-P and EX2052-P: For high-density deployments with advanced management capabilities.

Fiber Connectivity: Multimode fiber cables were deployed to connect the pier's network to its central office 20 meters inland.

The Results

The implementation delivered outstanding outcomes for Pier Dos:

- Seamless connectivity: The new network offered robust, high-speed Wi-Fi across the pier, covering all public and operational areas.
- Environmental resilience: Using water-resistant conduits and installation methods, the infrastructure was shielded from the elements, ensuring long-term durability.
- Enhanced user experience: Visitors and employees experienced reliable performance, critical for customer satisfaction and operational efficiency.

By deploying Cambium's advanced technologies, Pink Coral IT was able to:

- Increase network reliability and reduce downtime, ensuring a superior customer experience.
- Future-proof the infrastructure with scalable and high-capacity equipment that supports the island's growing economy.
- Offer cost-effective solutions that minimized installation challenges and long-term maintenance costs.

ONE Network

The Cambium ONE Network unified platform enabled simplified operations and optimized performance:

- Ease of management: cnMaestro™ provided a single-pane-of-glass management experience, streamlining troubleshooting and policy updates.
- Scalable performance: The network can accommodate increased user demand, supporting the expected growth in tourism and business.

"Cambium Networks' equipment

has been a game-changer for connectivity on the island. The robust features and reliability give our clients the confidence they need to scale their operations."

Francis den Doelder, Owner, Pink Coral IT.

"The future is bright for Bonaire's

connectivity, thanks to partnerships and cutting-edge solutions like Cambium Networks."

-Karel Visser, Owner, Karels Beach Bar.

About Cambium Newtorks

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences and device connectivity with compelling economics. The ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies, empowering customers to focus more on their business rather than network complexities. Connectivity that just works.