



# Caribbean Ethernet Connections

Continued investment and realignment are key to the infrastructure for international business.

**LOGIC COMMUNICATIONS**, operating as an anchor for the KeyTech Group of Companies, is accredited with widespread developments and enabling advancements in communications services for both Bermuda and the Cayman Islands. With a commitment to providing cutting-edge technologies for interconnectivity for its corporate customers, Logic's next-generation MPLS network infrastructure has been in place for the past six years. Logic has also finished a multi-million dollar project to bring fibre-Ethernet connectivity to key areas in the Cayman Islands. Logic's investment in next-generation networking technologies, has empowered businesses and carriers to capitalise on both legacy TDM and advanced Ethernet services.

"From a carrier's perspective, Logic's infrastructure provides them and their customers the added-value and efficiencies of having advanced resiliency and redundancy," said William Chan, Head of Network Operations at Logic. "With legacy network infrastructures, fault resolutions typically required manual interventions that resulted in significant network disruptions. In Logic's case, our technology automatically detects faults and re-routes the traffic to alternate paths, thus resulting in minimal disruptions to Logic's carrier-partners' customers."

Disruptions in both Bermuda and the Cayman Islands can come in all forms and sizes, considering the regions' exposure to natural elements. Logic places a great importance to business continuity. "Logic maintains various levels of diversity, whether it is through physical PoPs or different cable paths to private networks and the internet", added Richard Munday, VP of International Business Development at KeyTech. Logic can offer diverse Ethernet services from Bermuda and Cayman to New York, Miami, Toronto, Halifax and the UK across multiple cable paths.

The KeyTech Group of Companies has recently invested heavily in infrastructure in Bermuda and the Cayman Islands, one of which included the Challenger undersea cable system, connecting Bermuda and the US; adding to the three undersea cable systems that existed in the region. "Prior to Challenger, every cable system landing in Bermuda was owned by an international company, thus posing significant risk to the KeyTech Group of Companies and the Island. Working with the government, Cable Co, a Bermudian company, built the Challenger cable system and it has proven to be a critical piece of infrastructure for international business," added Munday.

As the local incumbent operator in Bermuda, BTC has been operating in the region for over 100 years. It says that through a maintained investment from KeyTech, the company is able to offer a range of services which include an advanced MPLS network, as well as international and local voice and Frame Relay capabilities. Its latest deployment meets high-



bandwidth requirements with the delivery of Ethernet services across the whole island.

"We reassessed our wireline businesses and decided it was necessary to move forward with our fibre deployments," said Richard Lau, VP of Technical Operations and Management at KeyTech. "With our new PRISM service using the latest carrier Ethernet technology from Cisco – we've now got one of the most advanced networks anywhere, offering our customers both high bandwidth and a secure, fully redundant, self-healing architecture."

Lloyd Fray, CEO of The Keytech Group of Companies, notes that: "International business is a primary driver of Bermuda's economy, and reliable communications services play a vital role in that success. Many of the world's most influential businesses call our shores home. As the island's largest communications provider, BTC is proud to be able to meet their needs. Our continued investment in local infrastructure tells the world that Bermuda is open for business and infinitely well equipped to service them."

By partnering with Logic, a carrier's clients will automatically have route redundancy across multiple undersea cable systems connecting Bermuda and Cayman to the US. Furthermore, with Sarbanes Oxley in mind "Logic can provide a carrier's clients 100% redundancy with no single points of failure" adds Munday. Couple the next-generation network with their professional services teams and you will find that Logic has the depth and breadth to support your clients in Bermuda and Cayman.

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