

BridgeNET Builds a New Fiber Network with netElastic vBNG

BridgeNET Fiber, a dynamic start-up broadband service provider, is rapidly constructing a new fiber network. They collaborated with their local communities, delivering the fastest fiber internet to residents and businesses previously devoid of such access. The resounding success of this initiative has spurred BridgeNET to expand its network, reaching even more homes.

Constructing a Fiber Network

As they started planning their new network, BridgeNET began looking for a Broadband Network Gateway (BNG) router. BridgeNET's Founder and President, Taylor Brown, said, "We sought a solution to seamlessly scale alongside our expanding customer base and evolving service portfolio. Our priority was a system capable of managing heightened network traffic without compromising service quality or inflating operational costs."

"We evaluated multiple vendor solutions (Cisco, Juniper, Ciena, and A10 Networks) before choosing netElastic. We meticulously assessed various factors, such as scalability, features, cost-effectiveness, and customer support. After careful consideration, netElastic emerged as the best choice due to its unparalleled scalability, tailored features for service providers, and industry reputation for reliability and robust customer support."



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netElastic vBNG also possessed specific characteristics essential to BridgeNET, such as vBNG integrating with Dynamic Host Configuration Protocol (DHCP) servers to streamline IP address allocation and network configuration adjustments. netElastic's compatibility with Optical Line Terminal (OLT) equipment was also pivotal as BridgeNET continues to expand its fiber network infrastructure.

Subscriber Growth and Customer Satisfaction

Since implementing netElastic, BridgeNET has witnessed a significant boost in network efficiency and capacity. "netElastic vBNG provides the scalability to accommodate more customers and data traffic without substantial investments," said Taylor. "It has also driven costs savings by reducing operational costs through enhanced network management and hardware utilization."

"The level of customization and adaptability within the vBNG solution exceeded our expectations, enabling us to tailor service precisely to our operational needs and strategies. Also, it has elevated our service reliability and speed, which has increased our customers' satisfaction."

Deploying netElastic was easy. "Getting started with netElastic vBNG was a breeze, thanks to comprehensive documentation and excellent support. The standout aspect has been the unwavering reliability of netElastic vBNG coupled with proactive support from netElastic. Their dedication to continual product enhancement and customer satisfaction has made a tangible difference to our operations."

According to Taylor, "Looking ahead, BridgeNET Fiber intends to leverage additional capabilities like CGNAT to tackle challenges such as IPv4 exhaustion and the transition to IPv6. Moreover, we aim to integrate advanced analytics and service management tools from netElastic to bolster operational efficiencies and customer service capabilities."



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