



## Company Description

Founded in 2010, Benu Networks delivers high-value networking solutions to dozens of Tier-1 Global Service Providers on five continents. As an early visionary, Benu recognized the transformational value of deploying networking functions in a cloud-native environment and by so-doing, drastically improve a carrier's business model through increased revenue, significantly decreased cost, with greater flexibility and increased velocity of new service delivery. Cloud-native is already being deployed in 5G Networks and Benu's goal is to become the early market leader in Fixed Network Cloud-Native Solutions and to be at the intersection of that architecture as wireless and wireline networks converge and the network transforms.

## Market Size and Opportunity

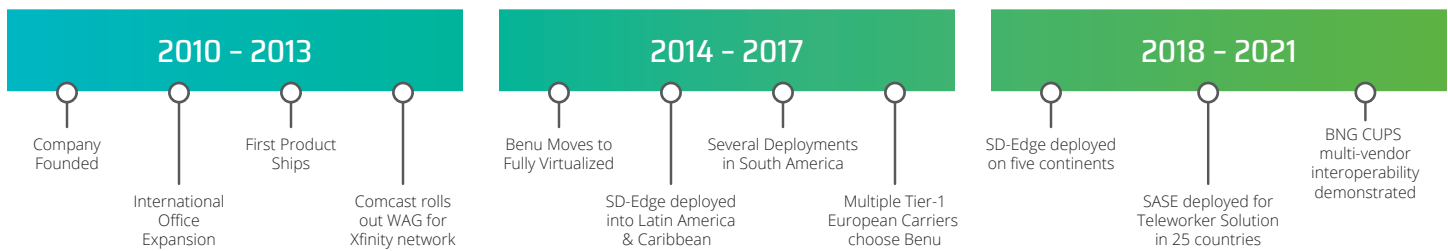
The cloud-native Broadband Network Gateway and Provider Edge Router Market size is estimated to be \$7B annually and the telco-integrated Secure Access Service Edge (SASE) market is estimated at \$12B per year. Both address the critical function of delivering highly secure services at the edge of the carrier's network. Benu Networks' SD-Edge platform addresses other sizeable markets as well including Carrier Grade NAT (CGNAT), 5G Access Gateway Function (5G AGF) for wireless wireline convergence, Wireless Access Gateway (WAG), and Trusted WAG (TWAG).

## Commercial Deployments



*Deployed on 5 Continents • Major Tier-1 Global Carriers • Market-Leading Partners  
Serving Millions of Customers • Operationally Proven*

# A History of Success- Key Milestones



## Platform Capabilities - Products and Services

Benu Networks SD-Edge (Software Defined Edge) platform along with Benu's Advanced Services Cloud delivers critical networking functionality, policy and management — all via software. Through software instantiation and configuration our fully virtualized solutions run in a cloud-native environment to deliver the following network solutions.

Platform/Product	Primary Application/Solution
<b>SD-Edge (Software Defined Edge)</b>	Benu Networks Cloud-Native Platform capable of delivering several network functions.
<ul style="list-style-type: none"> <li>Broadband Network Gateway (BNG)</li> </ul>	Wireline Broadband Service Gateway.
<ul style="list-style-type: none"> <li>Provider Edge Router (PE)</li> </ul>	Interface between customer facing network and MPLS core. Supports multiple routing protocols.
<ul style="list-style-type: none"> <li>Trusted Wireless Access Gateway (TWAG)</li> </ul>	Mobile network offload to WiFi.
<ul style="list-style-type: none"> <li>Secure Access Service Edge (SASE)</li> </ul>	Security functions and policies applied in the cloud for enterprise and residential customers. Our solution can also apply security for MPLS VPNs.
<ul style="list-style-type: none"> <li>Carrier Grade NAT</li> </ul>	Provides high-volume network address translation to preserve public IP addresses.
<ul style="list-style-type: none"> <li>5G AGF (Access Gateway Function)</li> </ul>	Enables 5G core to deliver services to fixed subscribers – wireless wireline convergence.
<ul style="list-style-type: none"> <li>Managed Home Network Gateway (MHN)</li> </ul>	Enables service providers and homeowners to easily manage home networks and devices, set security policies and add new services.
<ul style="list-style-type: none"> <li>Multiple Dwelling Unite Gateway (MDU)</li> </ul>	Deliver high performance secure WiFi to residents and visitors across the property, in the unit or in mixed-use areas.
<b>Advanced Services Cloud</b>	Our cloud-based management and control for operations, management, and policy enforcement for SD-Edge solutions.

## Executive Team

All members of Benu Networks' executive team are accomplished professionals with each having over 20 years of deep industry experience. As veterans of multiple start-ups and larger industry players like Cisco and Oracle, our executives have been part of the evolution of the network and the move to cloud-based services.

<b>Ajay Manuja</b> CEO	<b>John Valentine</b> CFO	<b>Juan Luis Esteban</b> VP Solutions Architect	<b>Mike Ruhland</b> VP Sales & Bus. Development	<b>Alla Berina</b> VP of Sales	<b>Mike McFarland</b> VP of Product & Marketing
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