"Kigen's consumer eSIM provided the perfect launchpad for global connectivity. Its proven performance on the most popular eSIM LPWAN and 4G/5G LTE networks, coupled with support for a wide range of hardware, was vital for our entry into overseas markets. Kigen's eSIM solution was also the key for GL.iNet to expand our product range, improve user experiences and enhance the competitiveness at the global market."

**- Dr. Alfie Zhao,
  CTO of GL.iNet**

GL.iNet and Kigen eSIM Transform 5G Travel Experience

Helping OEMs meet the needs of the modern world

In the fast-paced world of 5G technology, Consumer Premise Equipment (CPE) devices serve as gateways for seamless, high-speed connectivity on the move. GL.iNet has made significant strides in this domain with its innovative travel routers aimed at connecting consumers and IoT devices on the move: the Mudi V2 (GL-E750V2), Puli AX (GL-XE3000), Puli (GL-XE3000), Spitz AX (GL-X3000) and Spitz (GL-X750). These award-winning devices provide customers with better experiences but less cost thanks to the integration of Kigen's consumer eSIM. The close and deep cooperation between Kigen and GL.iNet in eSIM would continue to improve the travel experiences through a better global connectivity.

The Need for Robust eSIM Solution

GL.iNet recognized the escalating demand for reliable, convenient connectivity solutions across its product range. They sought an eSIM solution that would deliver consistent performance and global reach. Kigen's consumer eSIM was the clear choice.

Powered by Kigen, GL.iNet has strengthened its market competitiveness and reinforced its position as a leader in the industry with Kigen's consumer eSIM OS technology, certified to GSMA eSIM SGP.22 consumer standard, which supports Remote SIM Provisioning (RSP).

Why Kigen eSIM?
Kigen's consumer eSIM stands out because of its:

Simplify Global Connectivity: Each device is equipped with Kigen's eSIM, or physical SIM cards, providing global connectivity.

Global Coverage: This allows users to switch between providers easily and ensures reliable service worldwide, tested with over 200 networks.

Innovative Features: The integration of Kigen's eSIM enables advanced features like load balancing, battery optimization, and VPN support, essential for those who require a reliable "work-from-anywhere" experience.

Portability For Unifying Development Across Product Lines: Supports the widest range of hardware, enhancing flexibility and scalability, including devices like Mudi, Puli and Spitz etc. (more details are listed below)

GL.iNet eSIM powered product models

These product advancements are particularly evident in its brand new eSIM product models, all designed to meet the needs of modern travelers and remote workers.

eSIM Product Overview: Puli (GL-XE300)

< **Puli 4G LTE Portable Router:** Built-in Battery to enable connectivity anywhere at anytime

< **OpenWrt:** Provides compatibility with large storage, ideal for DIY IoT projects

< **IPv6 and WPA3 Encryption:** Ensures security and future compatibility

< **Built-in 4G Modem:** Supports AT commands, manual/auto dialing, SMS viewing, and signal strength detection, enabling easy management and configuration

Product Overview: Mudi V2 (GL-E70V2)

< **Portable 4G LTE Privacy Router:** Provides reliable network protection for travel

< **Dual-Band Wi-Fi:** Enhances connection stability and speed

< **Built-In Battery:** Offers up to 8 hours of battery life, covering all-day needs

< **Privacy Protection:** Supports Tor anonymity and DNS encryption

Product Overview: Puli AX (GL-XE3000)

< **Six External Antennas:** Enhances long-range connectivity

< **Dual SIM Standby:** Allows flexible switching between ISPs with stronger connection

< **Multi-WAN:** Enables multiple connection methods including ethernet, repeater and cellular at the same time

< **Dual Nano SIM Slots:** Provides more network connection options

Looking ahead

This case study highlights the critical role that advanced eSIM solutions play in helping manufacturers launch innovative products while maximizing the investments that translate across multiple product lines to meet the dynamic demands of the modern world.

About Kigen

Kigen makes the future of securing connectivity simple. Together with partners and customers, they unlock new opportunities as (integrated) eSIM becomes the cornerstone of security for connected devices. Their industry-leading SIM OS products enable over 2.5 billion SIMs, and their remote SIM provisioning and eSIM services drive this momentum further, placing Kigen among the top five SIM vendors globally. Kigen holds a visions where every device is connected securely.

About GL.iNet

GL.iNet is a leading developer of OpenWrt Wi-Fi and IoT Network Solutions. We build Wi-Fi routers, IoT gateways and remote device management platforms for a wide range of scenarios. We believe all successful businesses build upon a strong and secure foundation, which is why our engineers are passionate about understanding your needs and utilizing their expertise to tailor reliable and secure network architecture that solve your problems.

About the Mudi V2:

The Mudi V2 is designed for ultimate mobility and reliability:

- Built-in **Kigen Consumer eSIM:** Ensures global connectivity without physical SIM cards.
- **4G LTE Support:** Compatible with global carriers.
- **Integrated VPN:** Provides secure remote work capabilities.
- **Extended Battery Life:** Up to 8 hours of usage per charge.

This device won the CES 2020 Innovation Award for Cybersecurity and Personal Privacy

Puli extends GL.iNet's promise of connectivity with additional features:

- **4G LTE and WiFi 5:** Dual-band support for robust internet access.
- **Built-in Kigen Consumer eSIM:** Global connectivity without swapping SIMs.
- **Industrial Design:** Rugged build for harsh environments.
- **Versatile Power Options:** Can be powered via micro-USB or PoE.

About the Spitz:

Spitz elevates the connectivity experience with high-speed capabilities:

- **5G NR and WiFi 6:** Cutting-edge technology for superior performance.
- **Built-in Kigen Consumer eSIM:** Seamless global connectivity.
- **Dual SIM Slots:** Flexibility to switch between providers.
- **Gigabit Ethernet Ports:** High-speed wired connections.