HelloRoam Weighs In as Global eSIM Connections Set to Reach 4.9 Billion by 2030

New research projects eSIM connections will grow 300% by 2030, a trend HelloRoam says reflects rising traveler demand for flexible, contract-free data.

LONDON, ENGLAND, UNITED KINGDOM, September 21, 2026 /EINPresswire.com/ -- HelloRoam, a provider of prepaid eSIM data plans for international travelers, is highlighting new industry research projecting that global eSIM connections will grow from 1.2 billion today to 4.9 billion by 2030, a 300 percent increase over five years, according to a report from Juniper Research.

> This kind of growth confirms what we're already seeing from travelers: eSIMs are becoming the default way people get connected abroad, not a workaround."
>
> *Aqib Hassan, Co-Founder and CTO of HelloRoam*

The report attributes much of this growth to expanding eSIM adoption among device manufacturers and mobile network operators worldwide. Among the most significant developments cited is the recent decision by several tier-one operators in China to support eSIM technology, a shift researchers say expanded the addressable market by more than 1.7 billion mobile subscriptions in 2025 alone. As a result, the number of eSIM-enabled smartphones in China is projected to reach 364 million by 2030, up from fewer than 1 million at the end of 2025.

The report also notes that China's regulatory requirement for mandatory real-name registration using government identification presents a distinct challenge to widescale eSIM adoption in the country. Researchers indicated that industry stakeholders will need to develop automated identity-verification solutions to support seamless provisioning at scale, suggesting the pace of adoption in China may depend on how quickly these processes can be streamlined.

The broader trend reflects a shift already visible among international travelers, who increasingly favor eSIM technology over traditional roaming and physical SIM cards. Rising numbers of remote workers, students studying abroad, and business travelers have contributed to growing demand for connectivity options that do not require a contract or a trip to a local carrier store upon arrival. eSIM technology allows travelers to activate a data plan before departure using a QR code, without removing an existing SIM card, which lets a phone remain reachable on its home number while using local or regional data abroad.

HelloRoam operates within this expanding market, offering prepaid eSIM plans covering more

than 185 countries through over 212 partner carrier networks. The company's plans range from fixed data packages to unlimited daily options and are designed to work on dual-eSIM devices alongside a traveler's existing phone number. To date, the HelloRoam app has been downloaded more than 40,000 times combined across the Apple App Store and Google Play, and currently holds a 5-star rating on both platforms based on verified customer reviews. HelloRoam's plans include 24/7 customer support and a 180-day refund policy on unactivated eSIMs.

According to the report, operators and device manufacturers that move quickly to support eSIM standards stand to capture a larger share of this growth, particularly in emerging markets where mobile subscription bases remain large but eSIM infrastructure is still developing. Juniper Research's projections cover more than 60 countries as part of a broader five-year forecast on mobile connectivity trends.

As adoption accelerates, the report suggests eSIM technology will continue moving from a niche travel feature toward a standard method of mobile connectivity across both consumer and business markets.

About HelloRoam:
HelloRoam is a digital travel connectivity company offering prepaid eSIM data plans for international travelers, digital nomads, business professionals, and students studying abroad. The company's plans cover 185+ countries with no contracts or hidden fees. For more information, visit www.helloroam.com.

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