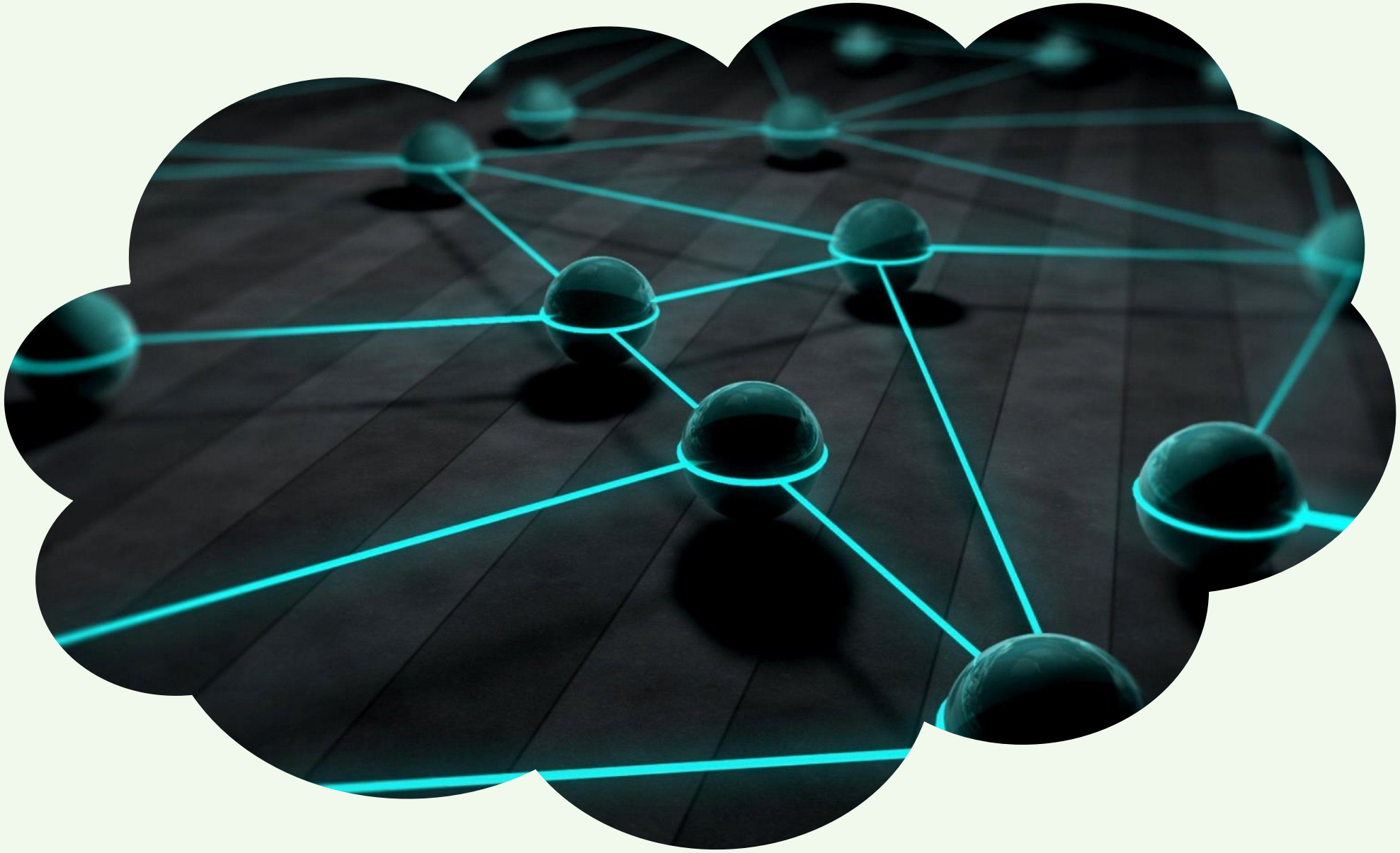

# Top 20 Players in Roaming New Technologies Industries: 2025 Outlook

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The global telecommunications landscape is undergoing a radical transformation. Roaming technology, once confined to 2G and 3G, now stands at the forefront of innovation as 5G and emerging network paradigms reshape how operators deliver seamless connectivity. This analysis identifies the top 20 players in roaming new technologies, presents key adoption trends for 5G roaming, and offers insights backed by authoritative industry sources.

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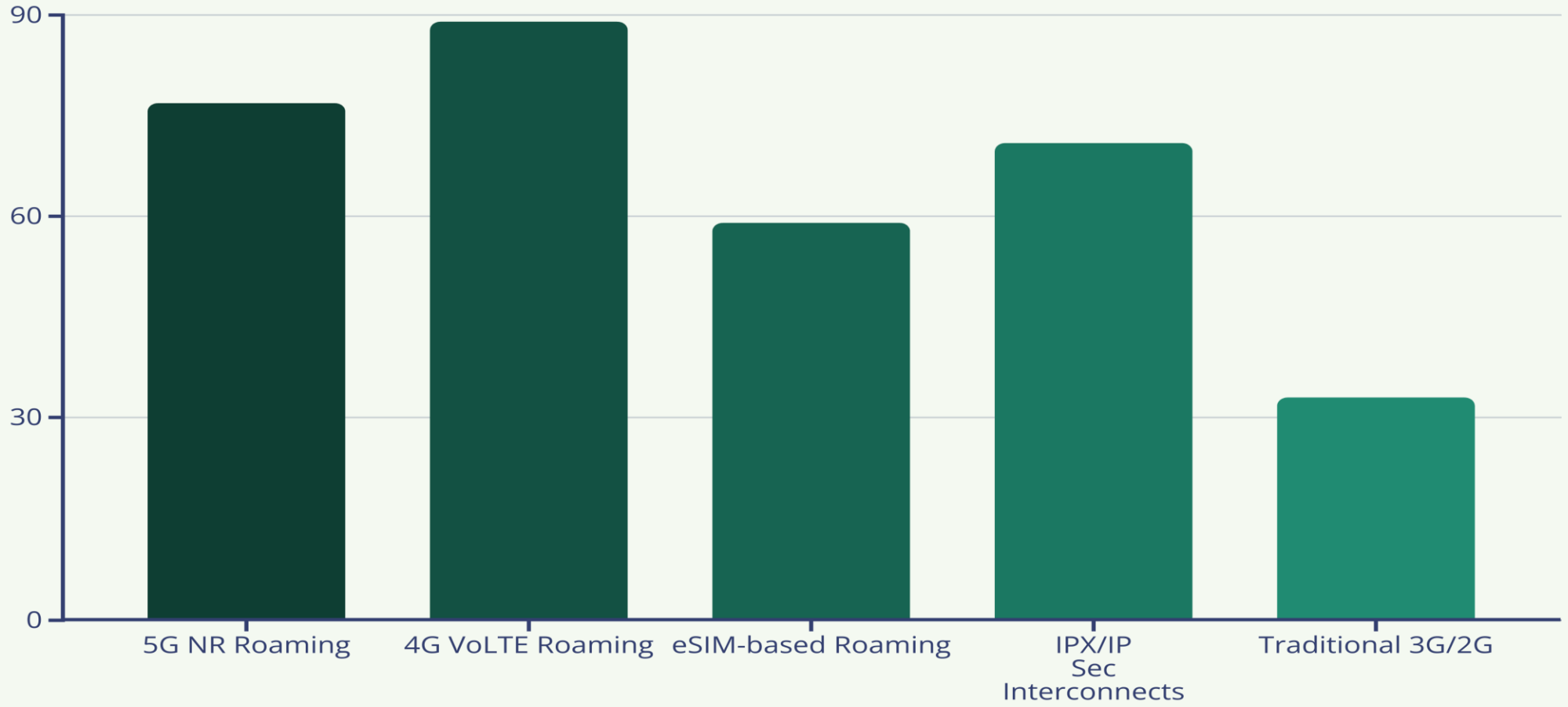
## Top Players Driving Innovation in Roaming Technologies (2025)

The following organizations are pivotal in facilitating advanced roaming solutions—enabling eSIM, VoLTE/VoNR roaming, private networks, and, increasingly, 5G-based roaming services. They were identified based on their technological advancements, market influence, and active participation in next-generation roaming solutions:

1. Vodafone Group
2. AT&T
3. China Mobile
4. Deutsche Telekom AG
5. Telefonica
6. Orange S.A.
7. T-Mobile US
8. Reliance Jio
9. BT Group
10. NTT Docomo

1. Verizon Communications
2. Swisscom AG
3. Rakuten Mobile
4. SK Telecom
5. Telstra
6. Ericsson (as technology provider)
7. Syniverse Technologies
8. Tata Communications
9. BICS (Belgacom International Carrier Services)
10. Infobip

## Projected Adoption of Roaming Technologies by Companies in 2025




By 2025, over 150 companies among major mobile network operators are expected to have implemented 5G NR-based roaming commercially or in late-stage pilots. While 4G VoLTE roaming remains the principal service for global voice and data interchange, the momentum behind 5G NR roaming accelerates, laying the groundwork for ultra-low-latency, high-capacity, cross-border mobile experience. eSIM—with dynamic remote provisioning—is also gaining notable traction, supported by regulatory openness and device ecosystem maturity

# Roaming 5G Technologies Adoption: A Deep Dive

The GSMA predicts that by the end of 2025, more than 80% of leading mobile operators will have launched inbound and outbound 5G roaming services. Initial coverage will focus on major travel corridors across Europe, North America, and Asia-Pacific. Early adopters, such as Vodafone, Deutsche Telekom, and China Mobile, have already demonstrated viable technical and commercial 5G roaming models, utilising IPX and blockchain for enhanced data integrity and security. Ericsson and Syniverse are providing crucial orchestration layers, enabling seamless 5G SA/NSA roaming handovers.

**60+**

Global operators completed 5G SA roaming trials by Q1 2024.

**400+**

Commercial 5G access agreements with enabled roaming, globally.

**3x**

Expected increase in 5G data roaming traffic between 2024 and 2026.

## Conclusion

The roaming technology sector's rapid evolution is driven by a select group of innovative operators and global service enablers. They are spearheading the 5G revolution and related next-gen solutions. As more companies embrace 5G NR and its synergy with IPX and eSIM, the vision of borderless, high-speed, and intelligent mobile services is swiftly becoming a reality.

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