



Proximus Global

# Konera

Unlocking the power of  
network capabilities for a safer,  
smarter digital world





## Content

- **The Digital Economy: opportunities and risks** 3
- **Unlocking the true potential of network APIs** 6
- **What Konera can do for your business** 8
- **Accelerating growth with global connectivity** 11



# **The Digital Economy: opportunities and risks**

# The Digital Economy: opportunities and risks

## The rising threats behind digital growth

Twenty-five years ago, the digital economy was just taking its first steps. What began as a simple online bookstore has grown into a complex ecosystem, where managing high-value transactions from banks to government services is now part of our daily life.

With this rapid growth comes an equally sharp rise in cybercrime, now ranked as the third-largest global industry, causing trillions in damage annually. The rise of AI accelerates this threat by enabling more sophisticated cyberattacks. Businesses struggle to distinguish real users from bots, leading to frequent security checks that frustrate users and reduce conversions.

Telecom operators have a unique advantage in addressing these challenges. Their networks hold real-time, verified data about user identity, device location, and network activity, all deeply secured. By sharing this data responsibly through Network APIs, operators enable businesses to enhance fraud detection, strengthen security, and restore customer trust all while maintaining strict privacy and regulatory compliance.

Konera turns this vision into reality: Our secure, privacy-compliant Network API platform enables businesses to:

- ✓ Verify user identity more accurately, cutting fraud risks
- ✓ Enhance security without degrading user experience
- ✓ Build trust in digital transactions, fostering lasting customer loyalty

In today's digital economy, where trust is the new currency, Konera lays a solid foundation for a safer, more reliable world.



**\$10T** costing enterprises on cybercrime



**83%** abandon journey due to friction



**1-3%** extra revenue for mobile operators



## Sharing network capabilities with the industry

Telecom networks form the unseen backbone of our connected lives. Built on secure, high-performance systems, they precisely manage data transmission paths, traditionally serving voice, messaging, and data traffic within closed telecom network environments.

Today, modern standards and open architecture enable certain network functions to be exposed beyond these boundaries through Network APIs. While many operators have the technical core to support APIs, the real challenge lies in making them accessible, standardized, and globally scalable for enterprise use.



## Beyond best effort: Building resilient connectivity for the real-world Digital Economy

The digital economy has thrived on the backbone of best-effort connectivity – a model where all data is treated equally, with no guarantees of performance. This model works well for most applications, such as video streaming or web browsing. Platforms like Netflix maintain quality even at low bandwidths using buffering and adaptive bitrate technology.

Mobile networks operate as shared systems with limited capacity, making it difficult to predict and manage demand spikes, including those at large events, busy transport hubs, or areas with weak coverage. Here, best-effort delivery can cause latency and dropped connections, especially when mission-critical traffic competes with less urgent data.

Konera introduces an innovative approach: network-aware applications that dynamically adapt to real-time conditions. With Konera, businesses and operators can:

- ✓ Strengthen fraud prevention and authentication verification through secure, real-time network intelligence
- ✓ Prioritize critical data to ensure high-value transactions get the necessary bandwidth
- ✓ Optimize non-critical traffic to reduce congestion
- ✓ Drive investment in network capacity where priority traffic requires reliability

By fostering collaboration between networks and applications, Konera creates a smarter, more resilient digital ecosystem – one that benefits businesses, operators, and end-users alike.



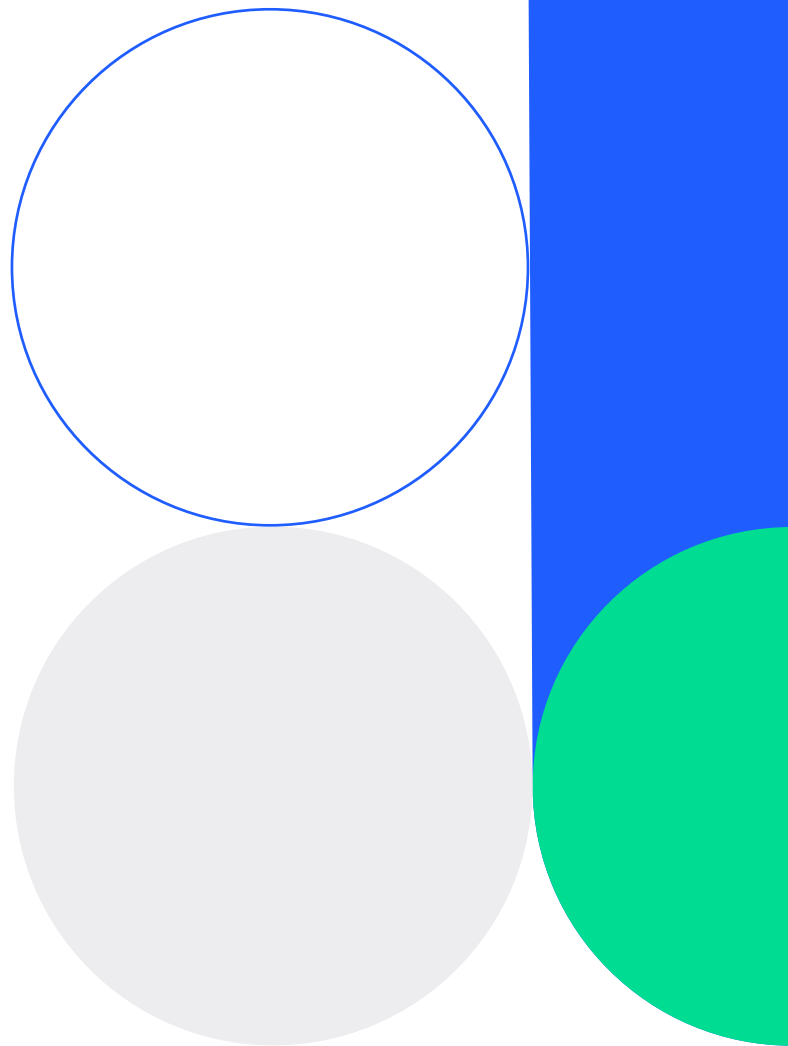
**Unlocking the true  
potential of network APIs**

# Unlocking the true potential of network APIs

Despite promising initiatives like GSMA Open Gateway and CAMARA, which aim to standardize and simplify access to Network APIs, the reality remains fragmented. Enterprises face high barriers to entry, including complex integration processes, lack of standardization, and limited global coverage. The need to unlock these capabilities is more urgent than ever.

For telecom operators, Network APIs offer a chance to monetize underused assets and open new revenue streams. For businesses, they offer transformative user experiences, enabling everything from enhanced security to dynamic network optimization.

This is where Konera comes in: developed by Proximus Global, Konera bridges the gap between telecom networks and the digital economy. Konera delivers simple, fast, and scalable integration – empowering enterprises to harness the full potential of Network APIs.







**What Konera can do for  
your business**



# What Konera can do for your business



**For telecom operators:**  
**New revenue, new opportunities**

Network APIs could generate 1-3% of global telecom revenue, yet operators encounter obstacles:



## Limited market reach

Most operators only offer APIs within their own networks, while enterprises demand global coverage (typically exceeding 80%)



## Go-to-market barriers

In many markets, the potential revenue from Network APIs does not justify national sales and marketing spends



## Collaboration barriers

Operators are hindered by regulatory and competitive constraints, making direct partnerships complex and resource intensive



## Standardization and compliance

Operators must align legacy systems, standardise data formats across regions, and build frameworks for global interoperability

Konera addresses these challenges by acting as both an API customer and distributor, offering operators:

- ✔ Immediate access to global demand, particularly from tech leaders who prioritize cybersecurity and network performance.
- ✔ New revenue streams from international enterprises and national businesses seeking service optimization.
- ✔ Flexible engagement: Operators can choose to expose their networks through the Konera platform and/or distribute APIs directly to enterprise clients, based on their strategic objectives.
- ✔ API enablement and development: Konera supports API development and CAMARA compliance through standardization, testing, and onboarding frameworks, accelerating time-to-market and interoperability globally.

Partnering with Konera enables telecom operators to maximize network value with minimal upfront investment.



## For enterprises: Less friction, more trust

In today's competitive digital landscape, seamless user experience is essential. Every additional step, security check, or moment of latency chips away at engagement and conversions. Konera addresses these challenges by:

- ✓ Facilitating frictionless customer journeys that boost engagement and satisfaction.
- ✓ Streamlining sales funnels with fewer steps, increasing conversion rates.
- ✓ Enabling global scalability through a single interface that spans multiple markets, while simplifying compliance.

Whether you're a global tech company or a national enterprise, Konera provides the tools to innovate with confidence – knowing that your digital transactions are secure, reliable, and optimized for performance.

Cybersecurity is especially critical for global technology companies, where breaches and downtime directly affect revenue and reputation. Konera seamlessly integrates telecom-grade security and performance into your platforms.

Proximus Global already serves many leading global clients. By expanding access through Konera, it bridges global demand with local operator capabilities, creating shared value for all parties.

Konera also delivers significant value to sectors focused on national markets, like:



### **Financial institutions**

Secure, real-time transaction verification



### **Media companies**

Reliable, high-performance content delivery



### **Logistics and manufacturing firms**

Seamless connectivity for supply chain management



### **Healthcare**

APIs for critical response, remote care, and health data compliance



### **Government agencies**

Secure, scalable APIs for citizen services, emergency response coordination, and digital identity management

These enterprises, often restricted to local telecom operators, can enhance services with Konera's extended security, performance, and network reach.



**Accelerating growth with  
global connectivity**

# Accelerating growth with global connectivity

The digital economy stands at crossroads. On the one hand, we have unprecedented opportunities – AI-driven innovation, global connectivity, and transformative business models. On the other hand, we face growing threats – cybercrime, network congestion, and eroding user trust.

Konera represents a bold step forward: a platform that bridges the gap between telecom and industry, enabling businesses to innovate with confidence and telecom operators to unlock new revenue streams. By fostering collaboration, standardization, and smart network management, Konera paves the way for a safer, smarter, and more connected digital future.

Discover how Konera can transform businesses and networks, putting you at the forefront of the digital revolution. Together, we can build a trusted, high-performance digital economy – where every transaction is secure, every connection is reliable, and every opportunity is within reach.

The digital future is being shaped today – will you help write the next chapter?







Proximus Global, combining the strengths of Telesign, BICS, and Route Mobile, is transforming the future of communications and digital identity. Together, our solutions fuel innovation across the world's largest companies and emerging brands. Our unrivaled global reach empowers businesses to create engaging experiences with built-in fraud protection across the entire customer lifecycle. Our comprehensive suite of solutions – from our super network for voice, messaging, and data, to 5G and IoT; and from verification and intelligence to CPaaS for personalized omnichannel engagement – enables businesses and communities to thrive. Reaching over 5 billion subscribers, securing more than 180 billion transactions annually, and connecting 1,000+ destinations, we honor our commitment to connect, protect and engage everyone, everywhere.

Learn more at [proximusglobal.com](https://proximusglobal.com)

