

[Open Gateway](#)

# Age Verification API

Ensuring Age Compliance  
for Safer Digital Experiences





**Open Gateway is a global initiative,  
enabling telco operators to expose  
core network capabilities as standardized,  
interoperable APIs.**



**Global & Multi-telco:** Backed by GSMA, adopted by Telcos Worldwide



**Standardized & Secure:** Built on CAMARA open standards, privacy-first by design.



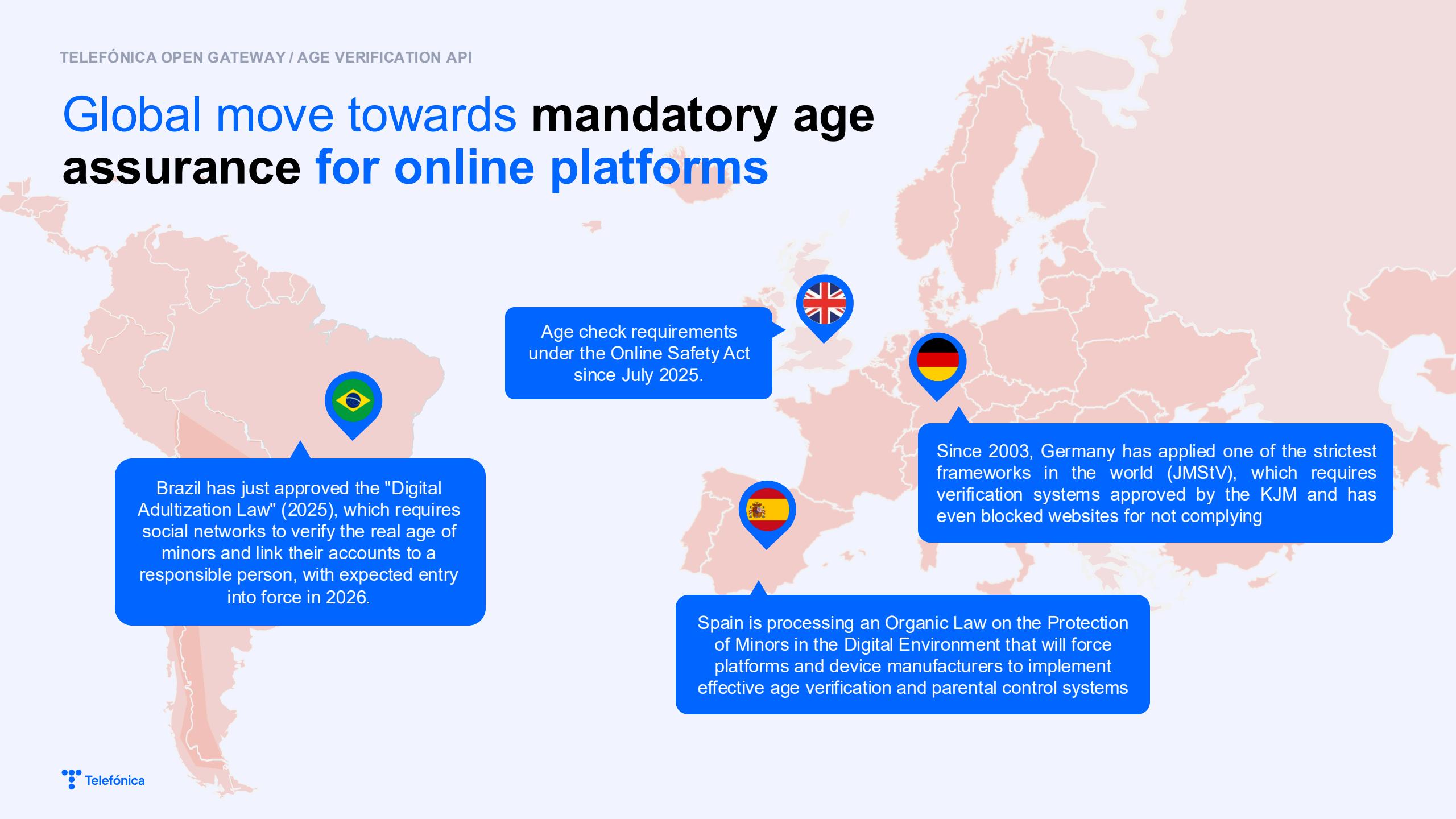
**Trusted Network Intelligence:** Telco-grade accuracy and trust.

80  
Operator Groups

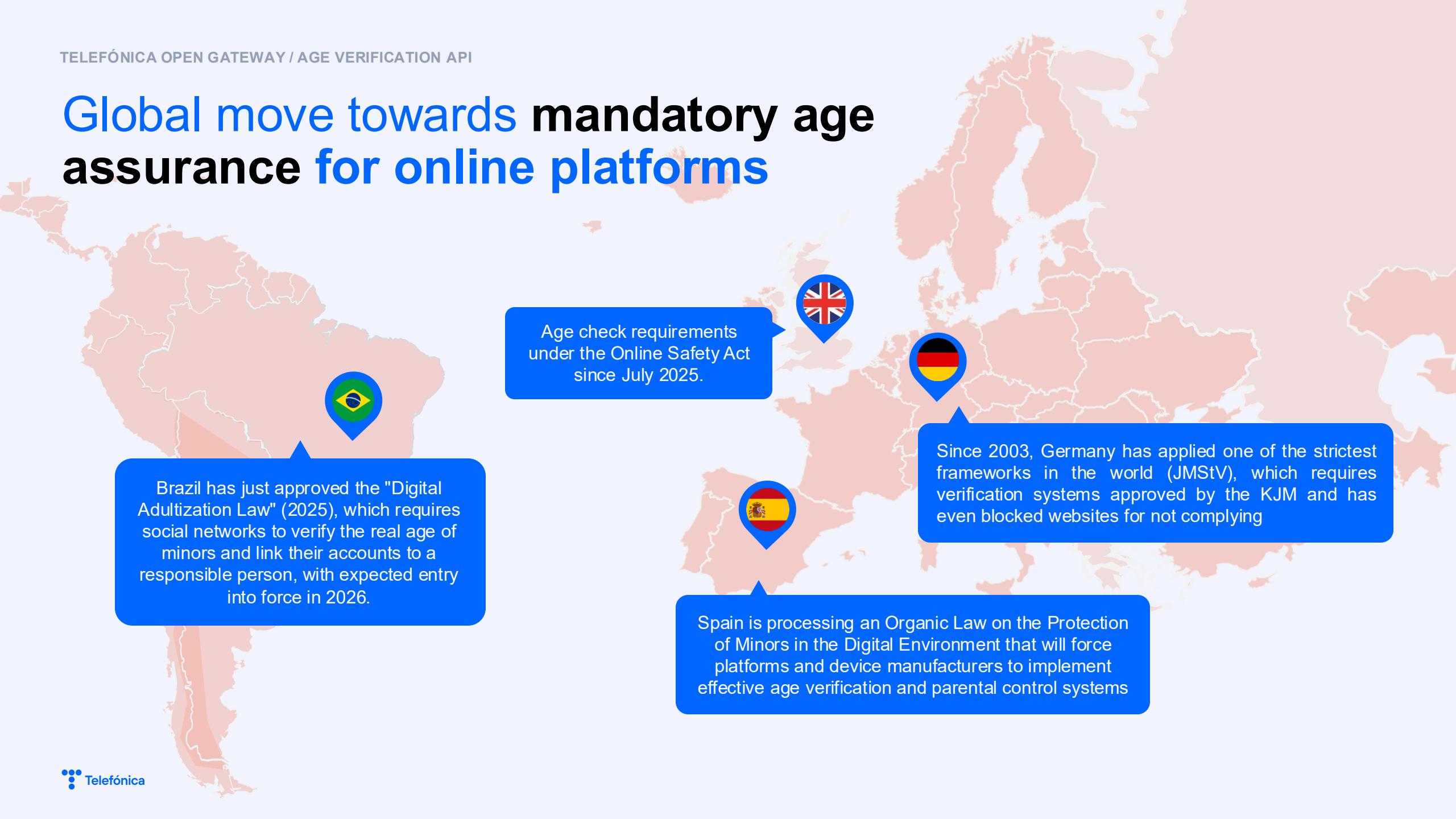
291  
Mobile Networks

>80%  
Network Connections

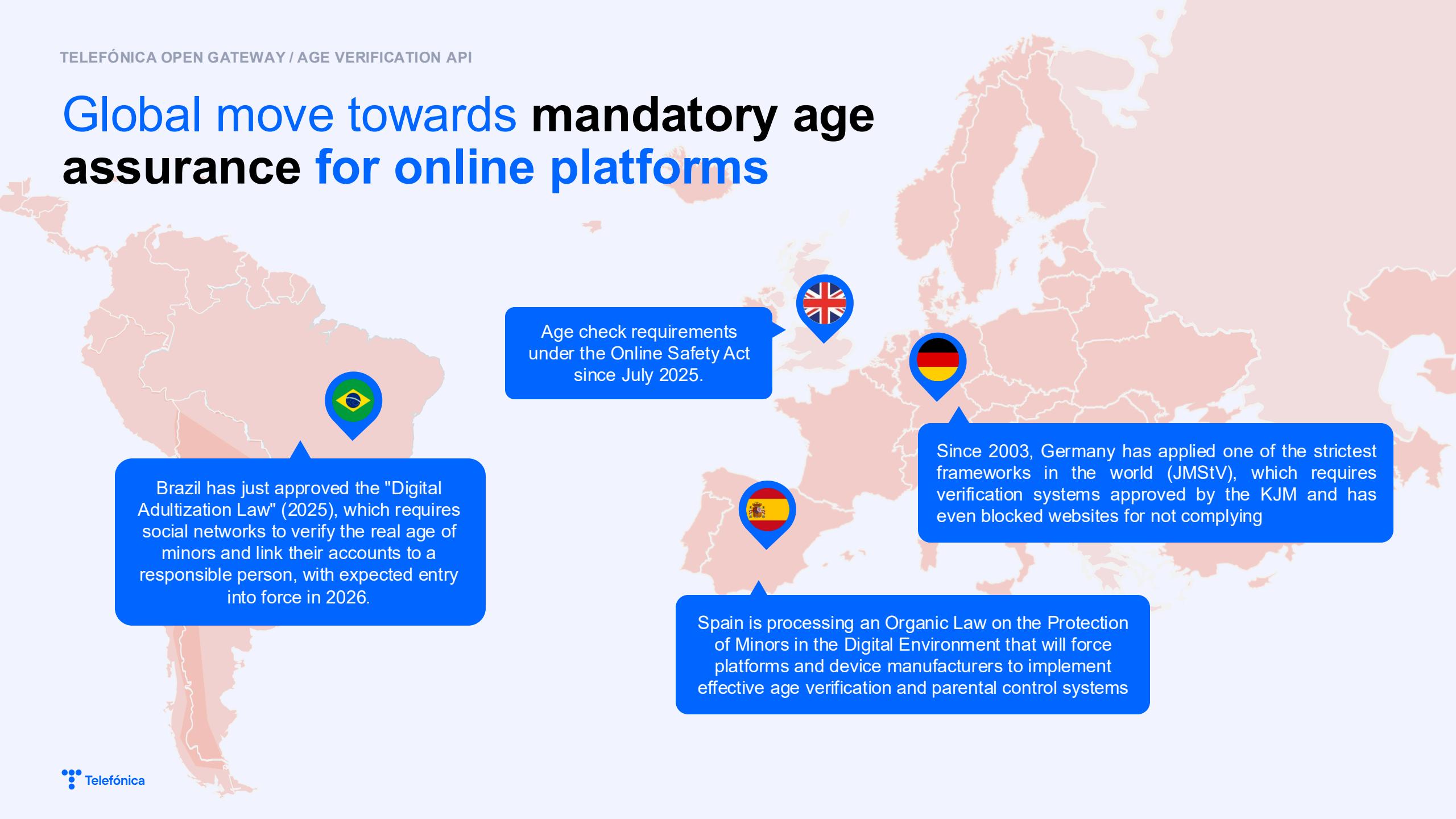
# Global move towards mandatory age assurance for online platforms



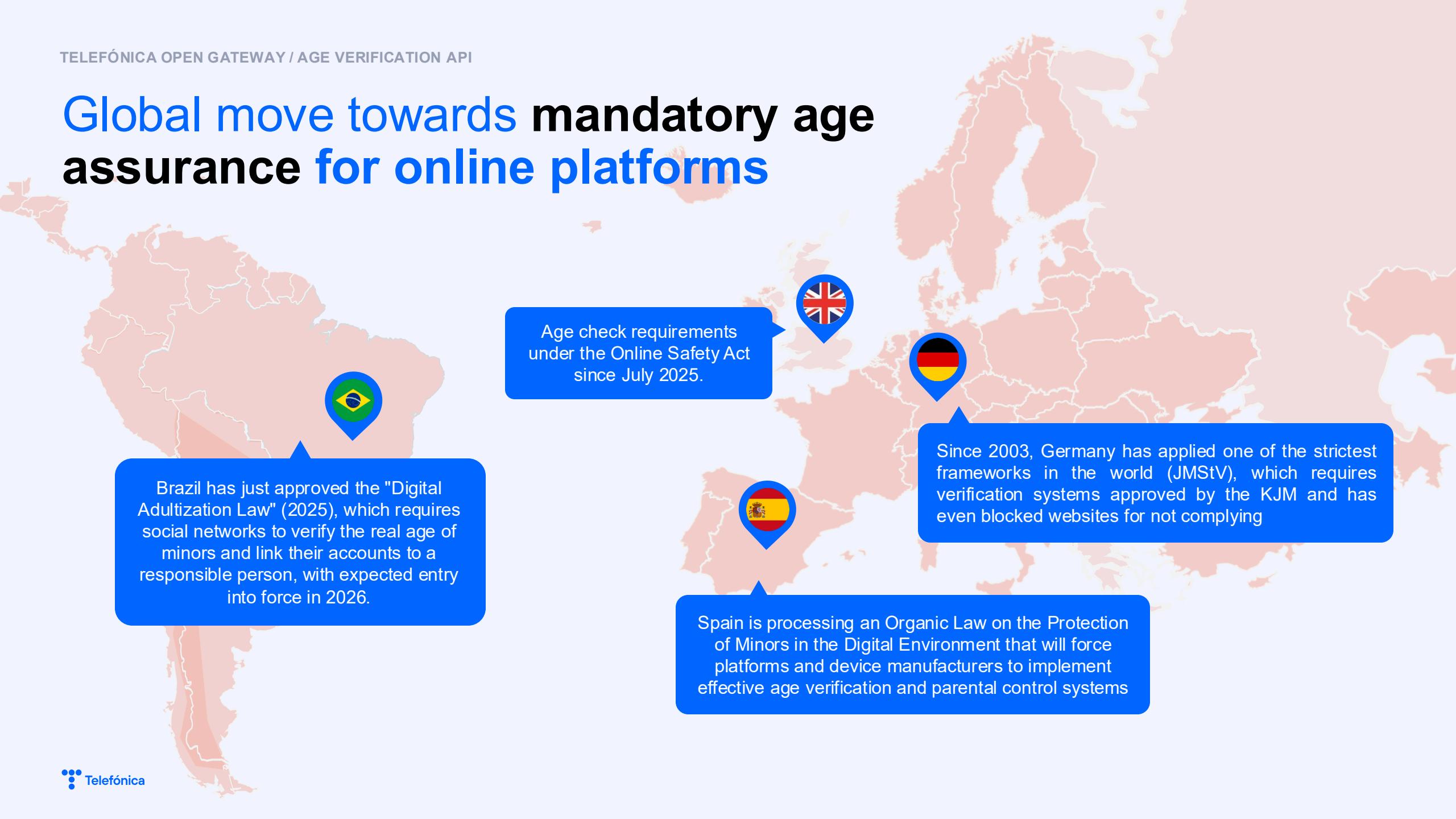
Brazil has just approved the "Digital Adulterization Law" (2025), which requires social networks to verify the real age of minors and link their accounts to a responsible person, with expected entry into force in 2026.



Age check requirements under the Online Safety Act since July 2025.



Since 2003, Germany has applied one of the strictest frameworks in the world (JMStV), which requires verification systems approved by the KJM and has even blocked websites for not complying



Spain is processing an Organic Law on the Protection of Minors in the Digital Environment that will force platforms and device manufacturers to implement effective age verification and parental control systems

# Age-restricted services face compliance and fraud risks



## Underage Access

Weak checks let minors in, creating compliance and safety risks as global regulations expand.

- Regulatory breaches under global mandates
- Increased exposure to fraud

**33%**

of EU children (9–16) have viewed sexual content online ([Veriff](#))



## Compliance Failures

Outdated processes can't keep pace with stricter age-verification laws worldwide, increasing legal risk.

- Higher risk of penalties
- Operational inefficiency and compliance gaps

**€18M**

Fines for failing to implement effective age checks ([DIG](#))



## Poor User Experience

Slow, intrusive verification processes frustrate customers and conflict with the need for seamless onboarding.

- Increased registration drop-offs
- Lower satisfaction

**53%**

Drop off rate due to uncomfortable identity verification ([FullCirc](#))

A solution is needed that verifies age **instantly** without adding friction or **compromising** privacy...

# Age Verification – instant compliance without compromising experience

Real-time age validation using trusted network data **ensures compliance, prevents underage access**, and delivers a frictionless onboarding experience across platforms.



# Verification Beyond Age Checks

Modern frameworks combine multiple signals to ensure security and compliance.

## Telco-Based Age Verification

A strong, low-friction signal leveraging network data, adding silent verification, improving UX, and complementing other methods



### Digital & Behavioral Signals

Device fingerprinting, login patterns, geolocation, usage behavior.



### Biometric Signals

Facial recognition, fingerprint scans, voice authentication.



### Financial Checks

Payment validation, credit scoring, anti-fraud screening.



### ID & Digital ID

Government-issued ID checks, eID systems, digital identity wallets.



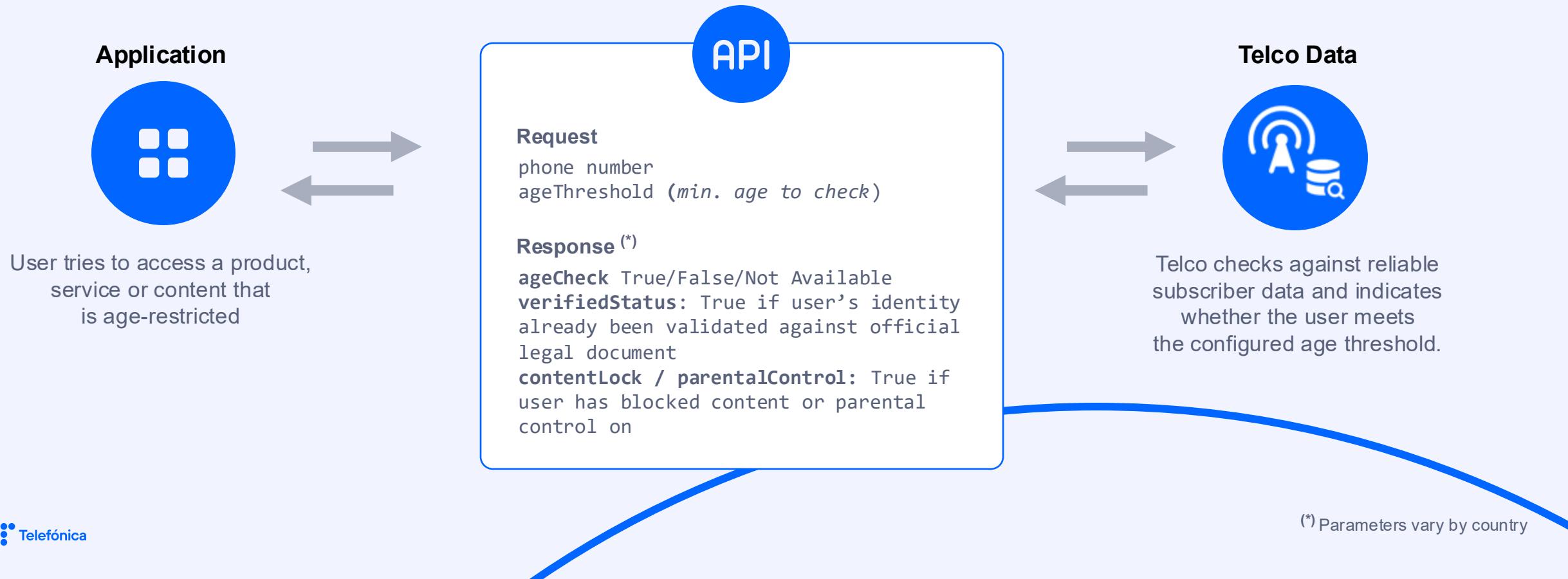
### Emerging Methods

Blockchain-based identity and decentralized credentials.

# Age Verification ensures compliance with age regulations



Validates user age by securely matching personal data against telco subscriber records to enable compliant access to age-sensitive services



# Age Verification is applicable to different use cases



## Protecting Minors on Social Platforms

Validate age to block underage access to social and community platforms.



## Adult Content Access (18+ Gate)

Enforce age gates for streaming, adult content, restricted media, and online entertainment



## Online Gambling and Gaming Platforms

Restrict underage users from accessing age-limited games and gambling.



## E-commerce (Age-Restricted Goods)

Screen age before purchases of alcohol, tobacco, or other restricted items.



## Age-Gated Advertising & Brand Safety

Ensure advertisements and content are delivered only to age-appropriate audiences.



## Regulatory Compliance

Automate age checks to support audits and reduce compliance risk.

# Age verification benefits



## Prevent Underage Access

Block minors from accessing restricted services by validating age instantly through trusted network data.



## Operational Efficiency

Eliminate manual verification processes, reducing costs and accelerating service activation.



## Streamlined Compliance

Automate age checks to meet global regulations and reduce risk of penalties or legal exposure.



## Build Brand Trust

Demonstrate commitment to safety and compliance, strengthening customer confidence and loyalty.



## Enhance Customer Experience

Deliver fast, invisible verification that avoids friction and improves onboarding satisfaction.



## Future-Proof Adaptability

Support evolving age-related regulations and enable dynamic compliance for new digital services.

# Next Steps to start using the Age Verification API



## Sandbox Testing

- ✓ Join Partner Program
- ✓ Test use case
- ✓ PRO environment



## Try & Buy

- ✓ Proof of Concept
- ✓ Validate use case
- ✓ Business model discussion

## Related Open Gateway APIs: to be combined with Age Verification in particular use case for added value



### Line Tenure API

Determines how long a phone number has been active on a network by querying operator data, supporting identity validation, credit risk assessment, and fraud prevention processes.



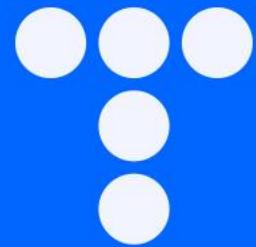
### KYC - Match API

Validates identity information against trusted operator data, using a sophisticated scoring system to provide a reliable approach to rapid online identity verification, onboarding and security.



### Number Verification API

Authenticates the user of an app or online service by checking if the phone number they provide matches the one associated with the device they are currently using.



Telefónica

[opengateway.telefonica.com](http://opengateway.telefonica.com)

# Age Verification: Reliable Compliance for Safer Online Access



Validates user age by securely matching personal data against telco subscriber records to enable compliant access to age-sensitive services.



## Age-Gated Digital Access

Ensure users meet age requirements before entering social platforms, streaming services, and other regulated environments.



## Age Verification for Transactions

Confirm user age prior to purchases, subscriptions, or participation in age-sensitive gaming and gambling platforms.



## Parental Controls

Enable accurate restrictions across devices and apps based on verified age, not self-declared information.



## Age-Based Access Control

Prevent underage access to restricted services by verifying age against trusted telco records.



## Efficient Compliance Workflows

Automate age checks to reduce manual review, improve UX and lower operational overhead.



## Regulatory Compliance & Future Readiness

Support GDPR, eIDAS2, and legal age verification mandates using secure, telco-grade identity data.



Request	phone number ageThreshold ( <i>min. age to check</i> )
Response	ageCheck True/False/Not Available verifiedStatus: True if user's identity already been validated against official legal document contentLock / parentalControl: True if user has blocked content or parental control on