Score

Real time phone number credibility score

Intelligently blending multiple data sources for any mobile number
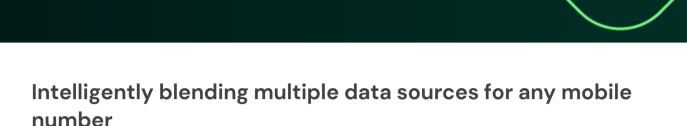
For businesses that want to assess the risk a new customer poses to them, and given the importance of mobile as an engagement channel shouldn't you take the credibility of that number into your decision-making process?

With Score from TMT Analysis, you can detect an invalid or inactive number instantly, even before you have finished onboarding your customer.

Going further for active numbers, Score leverages everything that we know to provide you the result in a simple easy-to-consume 0-100 score.

Key features

- A unique combination of multiple individual data sets
- A blended mix of real-time and historical data dating back years
- A single API returning a single response for any number, typically in less than 1 second
- An adaptive algorithm that improves over time and can also analyse your data on known high-risk or fraudulent numbers to help detect patterns and make better predictions
- Access to over 70 billion historical records

For the first time, your business can evaluate the risk posed by a new potential customer based upon their phone number in the same way as you might their identity, location or email address.

Why Score?

Score has access to a wide range of deterministic and probabilistic data sources. These include:

- Live queries into the global telephony network
- **Historical network movements (often referred to as porting)**
- Historical activity (taken from over 50 billion records)
- **Known fraudulent numbers**
- Known associations (such as occurrence of the number on popular business or social platforms)

Understanding the impact of different data sets on the overall risk profile of a number is handled by our Score algorithm that is constantly adapted based upon real customer experience, so once the TMT Score API is integrated you can benefit instantly from any refinements, without any additional work or integration effort.

How it Works

Score is simple, here's how it works:

Step 1
Your user opens your site or application and inputs their mobile number upon sign-up or sign in. The number submitted is passed to TMT to investigate.

Step 2
TMT Score uses a unique combination of multiple individual data sets surrounding the mobile number provided. This data is a blended mix of real-time and historical data dating back years with access to over 70 billion historical records.

Step 3
The data is then returned to you in a single score format from 1-100. This enables you to assess the credibility of that number, and the risk of potentially fraudulent activity into your on-boarding decision-making process.

Step 4
Your onboarding process is easy and friction free, providing a lower drop off rate, giving you a competitive edge. Your customers deserve a safe user experience.

Ongoing Safety
Score also allows you to contribute to the accuracy of our algorithm and our data. By agreeing to share numbers that have been associated with high-risk or fraudulent behaviour you can help refine the algorithm and predict high-risk numbers even more accurately, compounding the benefits to you over time.

Industries

Cryptocurrency

Financial Service Providers

Insurance

Events

E-Commerce

Travel

Gaming

Telecoms

5 Benefits of using Score

Incorporating Score into your onboarding process offers the following benefits:

Increase security by identifying potentially high-risk numbers early in the process

Simplify your decision making around a number into one decision based upon a single output

Utilise data that you are already collecting from the customer

Identify incorrect or fake numbers instantly, whilst they can be questioned or corrected with minimal effort

Maintain friction levels by performing a Score check in the background without the need for active user engagement
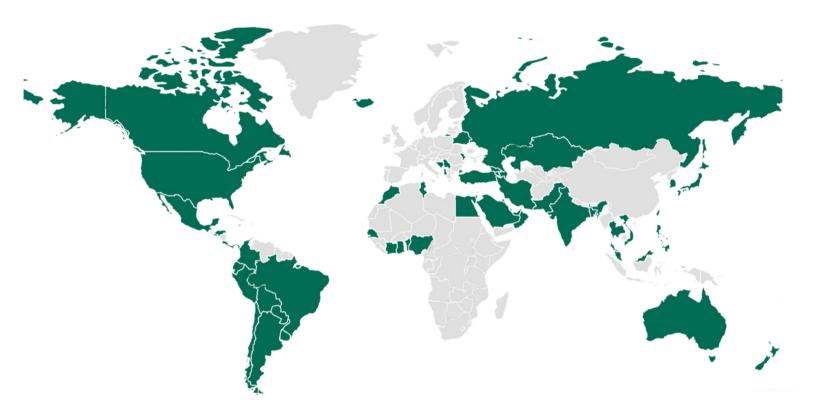
Stronger Collaboration

Score also allows you to contribute to the accuracy of our algorithm and our data. By agreeing to share numbers that have been associated with high-risk or fraudulent behaviour you can help refine the algorithm and predict high risk numbers even more accurately, compounding the benefits to you over time.

Coverage

Score is currently available in approx. 60 countries, with more being added regularly. Please see the coverage list below or contact info@tmtanalysis.com for more information.

Albania	Bosnia	Ghana	Kazakhstan	Panama	South Korea
Argentina	Brazil	Honduras	Kuwait	Paraguay	Taiwan
Armenia	Canada	Hong Kong	Malaysia	Peru	Thailand
Australia	Chile	Iceland	Mexico	Philippines	Tunisia
Azerbaijan	Colombia	India	Moldova	Qatar	Turkey
Bahrain	Costa Rica	Iran	Morocco	Russia	UAE
Bangladesh	Ecuador	Israel	New Zealand	Saudi Arabia	Uruguay
Belarus	Egypt	Ivory Coast	Nigeria	Senegal	USA
Benin	El Salvador	Jamaica	Oman	Serbia	Vietnam
Bolivia	Georgia	Japan	Pakistan	Singapore	

How We Can Help

Try using our other products in tandem for a secure and seamless onboarding, verification and authentication process.

Velocity

Number Portability

Velocity is a global number portability lookup service with the ability to identify the current network provider for any number anywhere in the world when sending messages and routing calls. We partner with official regulators, MNOs and other 3rd parties to acquire the most complete and authoritative list.

TeleShield™

Fraud prevention

Access to authoritative data using the TMT infrastructure enables easy integration into your business processes, whilst providing strong protection against a range of telephone based fraudulent activity such as flash calls, OBR fraud, IRSF, Wangiri scams and more.

Verify

Customer validation

Through our validation checks mobile data can help you to confirm a customer's identity, the authenticity of the mobile phone number provided and identify when suspicious activity, such as account takeover, might have taken place.

Authenticate

Ongoing authentication

Authenticate is a frictionless 'silent' user authentication that uses a live mobile operator check to confirm that the device used by a customer is the same one that you expect it to be, with no requirement for an SMS One Time Password or user intervention – allowing customer verification using a mobile number.