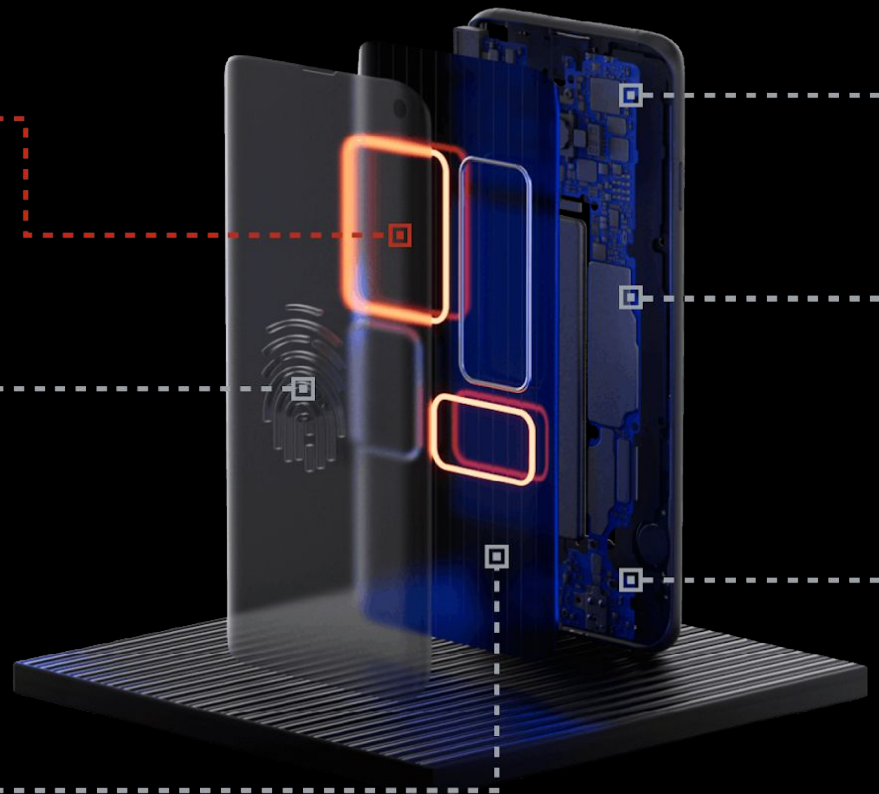
# Act in real time with Fraud Protection

Fighting fraud | Graph visualization | In-depth analysis | Bot protection | Mobile App Protection | Web App Protection | Behaviour Analysis

Fraud Protection uses advanced fingerprinting and behavioral Analysis to securely authenticate users to prevent fraud and deliver a frictionless customer experience



Malware, Jailbreak, Emulator and RAT Detection, SIM Swap

Anonymised User data
Advance Digital Biometrics
Behavioral Analysis

Android or IOS Operating System Configuration Monitoring

Mobile Operator Characteristic Monitoring

Device Technical Specifications

Device Sensor Monitoring,
Accelerometer
Proximity Sensors
Touch Sensors
Gyro-Sensors GPS

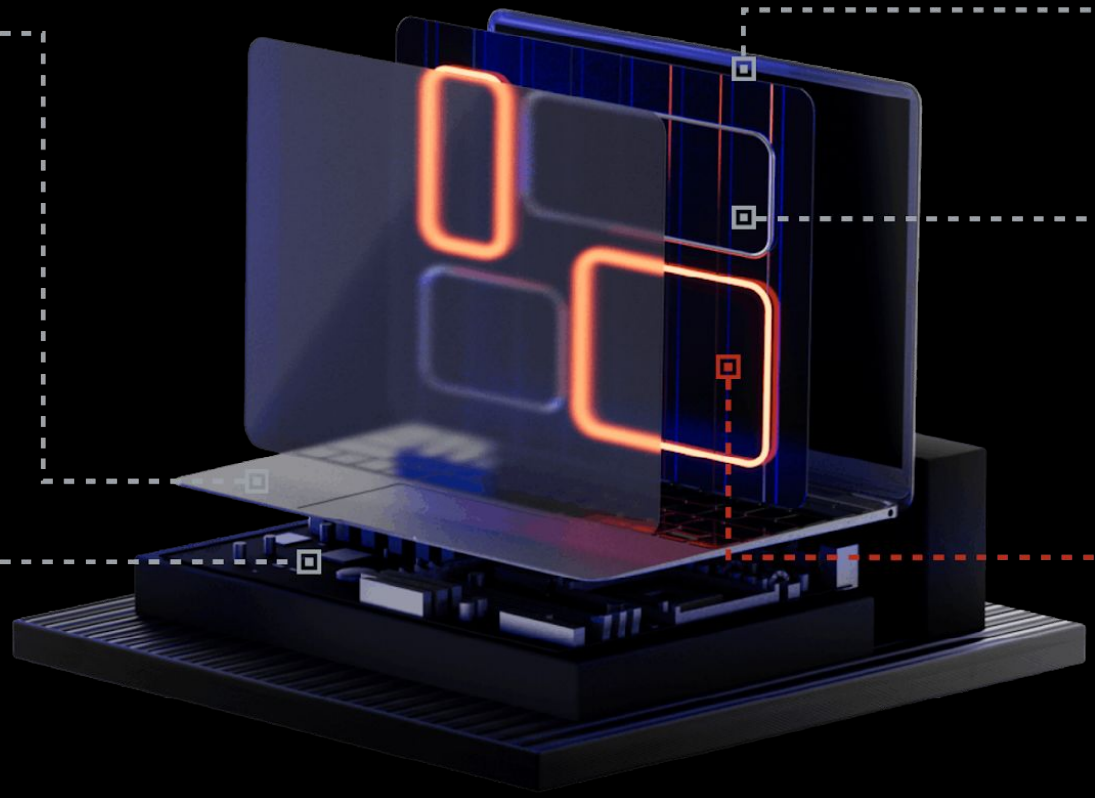
# Act in real time with Fraud Protection

Fighting fraud | Graph visualization | In-depth analysis | Bot protection | Mobile App Protection | Web App Protection | Behaviour Analysis

Fraud Protection uses advanced fingerprinting and behavioral Analysis to securely authenticate users to prevent fraud and deliver a frictionless customer experience

Anonymised Advance Digital Biometrics Behavioral Analysis

Device Technical Specifications



Device Graphic and Display Configuration

Browser Configuration ISP data

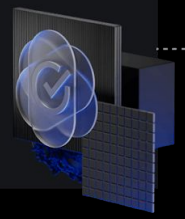
Malware, Bot and RAT Detection

# Act in real time with Fraud Protection

Fighting fraud | Graph visualization | In-depth analysis | Bot protection | Mobile App Protection | Web App Protection | Behaviour Analysis

Fraud Protection analyzes user behavior with machine learning algorithms. This analysis provides an opportunity to identify abnormal behavior and prevent fraud, reducing the cost of additional verification for transactions or eliminating the consequences of fraud.

## LEGITIMIZING USER SESSIONS



Actions that are not typical for scammers (for example, opening a chat with a support operator) 'legitimize' the user. Legitimizing user sessions through triggers indicating the user's legitimacy allows to:

- **Reduce the cost of verifying user actions in the application**
  for example, instead of verifying users with an operator call or SMS, Fraud Protection will determine in advance whether the user is legitimate
- **Reduce the number of false positives alerts**
  of the main fraud monitoring system installed in the client's infrastructure.

## FRAUD PATTERNS AND BEHAVIOR MODELS

The Fraud Protection machine learning algorithm evaluates all user sessions and detect fraudulent behavior patterns. Patterns and models of fraudulent behavior can be based on:

- **Specific ways of navigation**
  between URLs within the application
- **Sequences**
  of interactions with interface elements
- **Combinations of other criteria.**

## MEDIAN BEHAVIOUR MODEL

The Fraud Protection calculates and builds median behavior model for each user. All user sessions within the protected application are compared to the median behavior model to identify:

- **New behavior**
  when the user performs actions that are not typical for his/her behavior model.
- **Abnormal behavior**
  when the user performs normal actions, but in an uncharacteristic manner