GBG | Predator

Stop unauthorized transactions in real-time

Capture the solution
we provide

Predator 5.0 helps organisations who facilitate payments through multiple channels, reduce losses from financial crime.

Like other GBG products, Predator is built with flexibility in mind and can be easily configured to monitor any channel, whether it is a custom digital wallet, payment via internet banking, credit cards transactions, or any other channel (e.g., bets, crypto, etc). By bringing all the transactional data together and creating a multi-layered customer profile it is able to accurately identifying anomalous behaviour, communicating with downstream and upstream systems to automatically stop inappropriate transactions. Alternatively, if human intervention is required Predator refers to operations for investigation via a user interface that is designed to enable operators to investigate and take action in just one click, protecting customers faster, reducing losses, increasing customer trust and improving operational efficiency.

1. Reduce time taken to action

Make it more efficient to triage, flag and refer in less clicks. Automate actions. What value will it deliver: Better user experience, improve operational efficiency and reduce the time taken to review and block an alert.

2. Make Investigation more effective

Track when tasks have been completed, collect and store more comprehensive diary notes including case documentation. Flexible search capability. What value will it deliver: Compile cases with more accuracy.

3. Improve screen load performance

Improve screen loading time by 90%. What value will it deliver: Faster alert triage.
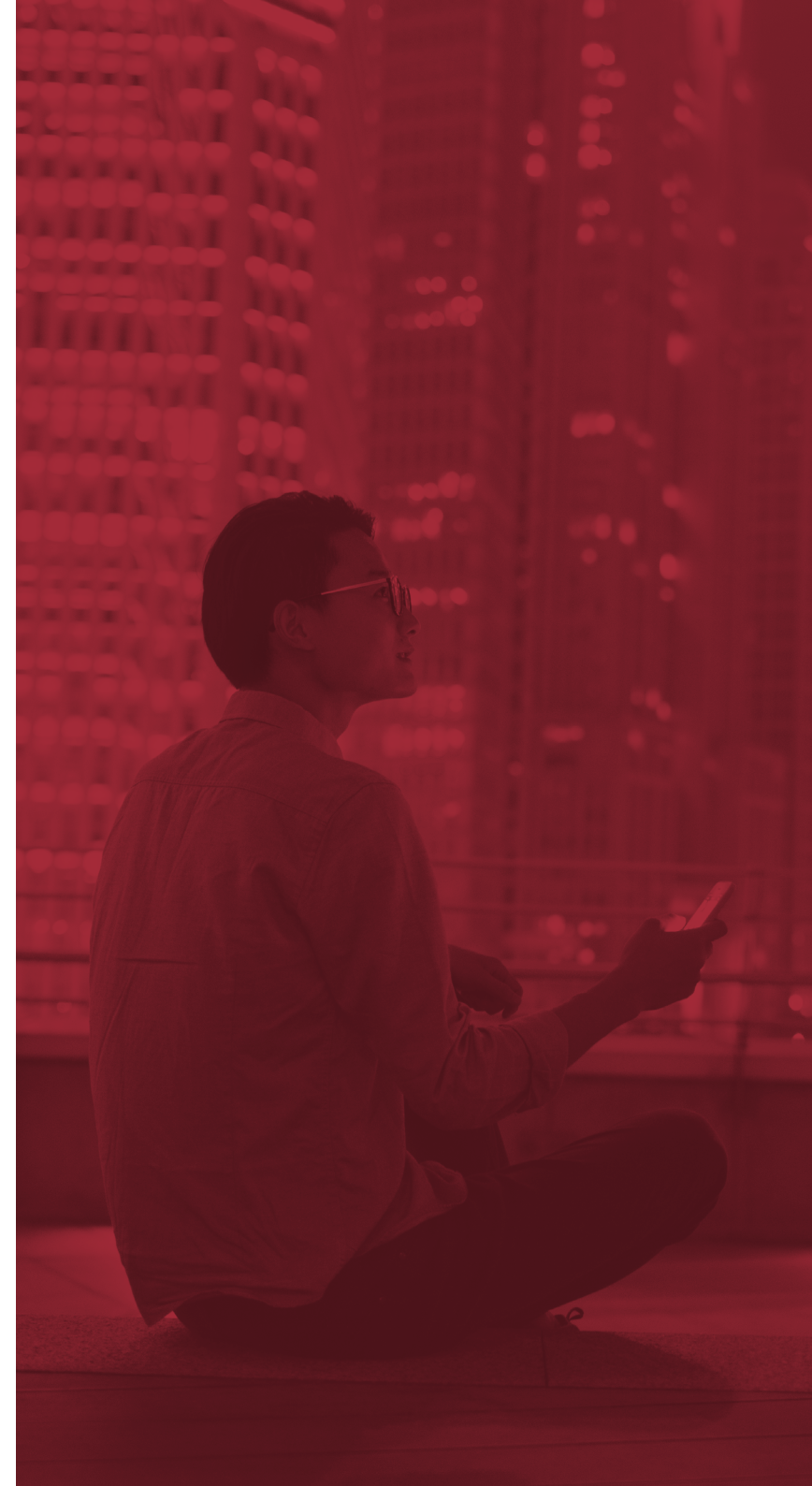
Solution Diagram Overview

(diagram)

How we help

- Designed to counter modern day transactional and payment fraud types:
- Omnichannel fraud attacks — Online, mobile and branch fraud
- Credit and debit card frauds
- Malicious software affecting online and mobile transactions — malware, trojan
- Identity fraud — first party, synthetic ID, social engineering, money mule
- Elderly financial abuse

Detect more fraud

Multi-layered profiling

Multi layered profiling including monetary (payment behavior), non monetary (login, devices, password changes), time (average over a week, day, month, 6 months), and frequency (number of logins, number of transactions etc.)

Scoring algorithms and multifaceted reference data to monitor and analyse identity attributes like country of origin, payment method, bank account details, names and aliases.

Predator provides

- Faster alert
- More comprehensive review and investigation
- Faster block

Use case
Account takeover

How it happens

- Gaining access to online banking account using data theft, malicious software or social engineering

- Accessing user data, funds, etc.

- Stealing funds from victim's account

Solution

GBG solution identifies:

- Activity from unusual user device;

- Absence/presence of malicious software;

- Absence/presence of connection to other incidents;

- Use of the account on other devices;

- Large value withdrawal inconsistent with customer profileas email intelligence, device intelligence (device risk, sim porting risk, phone number validation, etc), customer behaviour intelligence within the bank i.e. previous failed provision attempts, location risk.
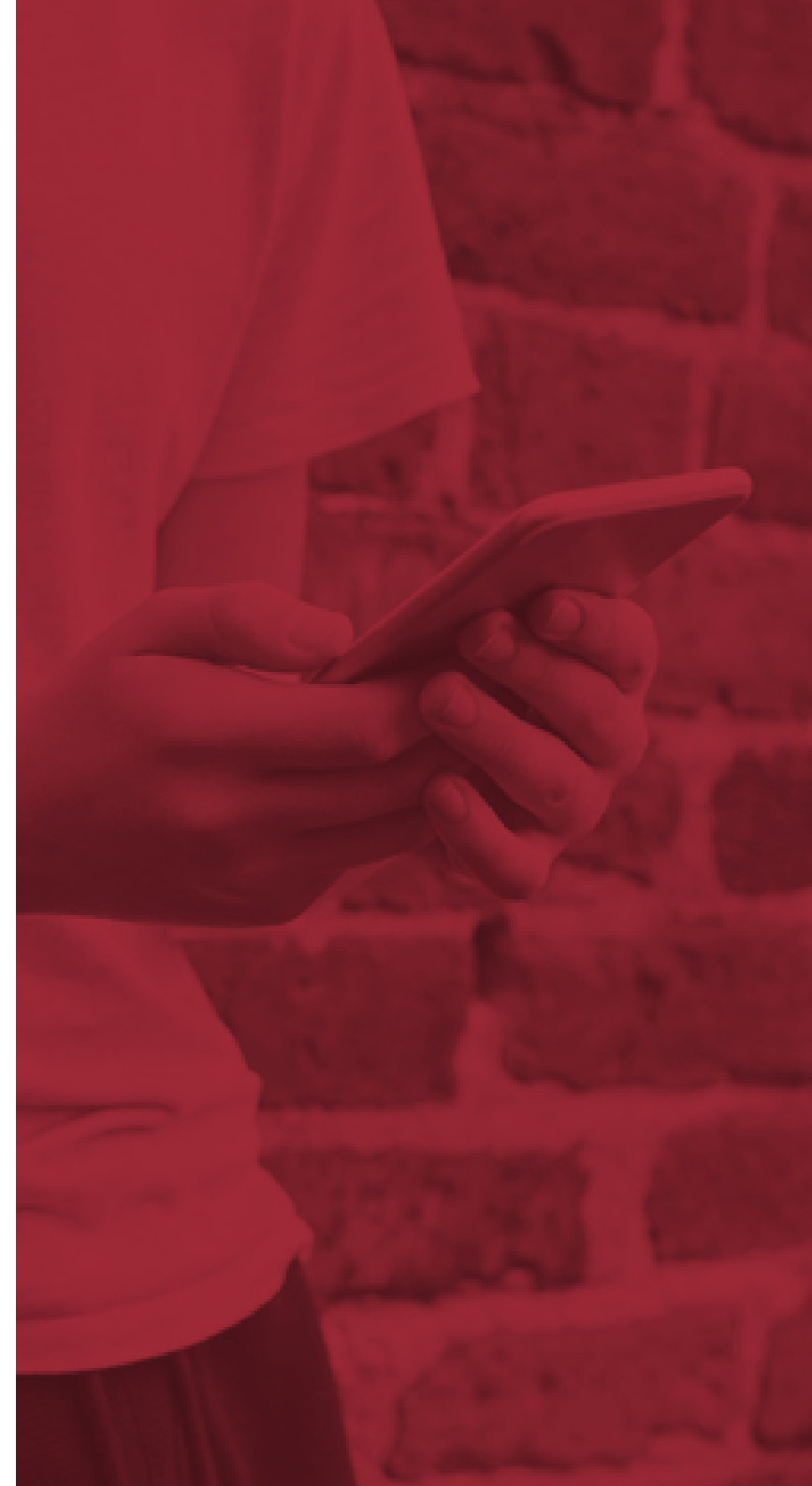
Fewer false positives utilizing behavioral analytics

GBG Predator calculates the risk for each event in real time. "Normal" behavior is recalibrated in real-time through calculation of an individuals' day to day behaviours and threshold for variance. Use rules to account for expected fluctuations (eg. Black Friday)

Use advanced analytics, predictive algorithm and deep learning to envisage future fraud patterns learning using historical behavioral maps and pattern for more accurate risk assessment

- Data management - Aggregate data across all channels and events, provide external intelligence to enhance detection i.e. IP enrichment and risk, enrich history with profiles on customer, account and previous fraud investigator actions and learnings
- Advanced analytics - Channel specific behavioural analytics and rules, flexible and user definable analytics including proven rules and entity profiling techniques, high focus lists & white lists and domain specific machine learning

Use case
Elder abuse

Global population of people aged 60 and older will more than double between 2015 and 2050 to 2 billion.

1 in 6 of these elderly people will be the victim of a financial scam. As it stands today criminals steal approximately $US750 billion from elders within our community globally.

How can Predator 5.0 help?

Na'imah is 70 years old. Her husband recently passed away and she is now living alone in the home where they raised their family in Malaysia. Na'imah has 3 children, but they all have young families and jobs for which they a required to travel overseas.

Since her husbands passing Na'imah has been lonely, so has signed up to Facebook and joined several groups including Older People Who Love to chat. In the group Na'imah is approached by Judy about helping out a charity who help build playgrounds for children.

Judy meets with Na'imah and shows her some of the playgrounds that the charity has built. She mentions that it would be hard for Na'imah to get involved with the build as it is physical, but that they are currently building another playground in Sungai Petani and a number of other locations and any small donation would help.

Na'imah first withdraws 500 Ringget from a teller, then 1000 Ringget for the next playground and gives the money to Judy. Judy show her pictures of her playgrounds and her name on her plaque.
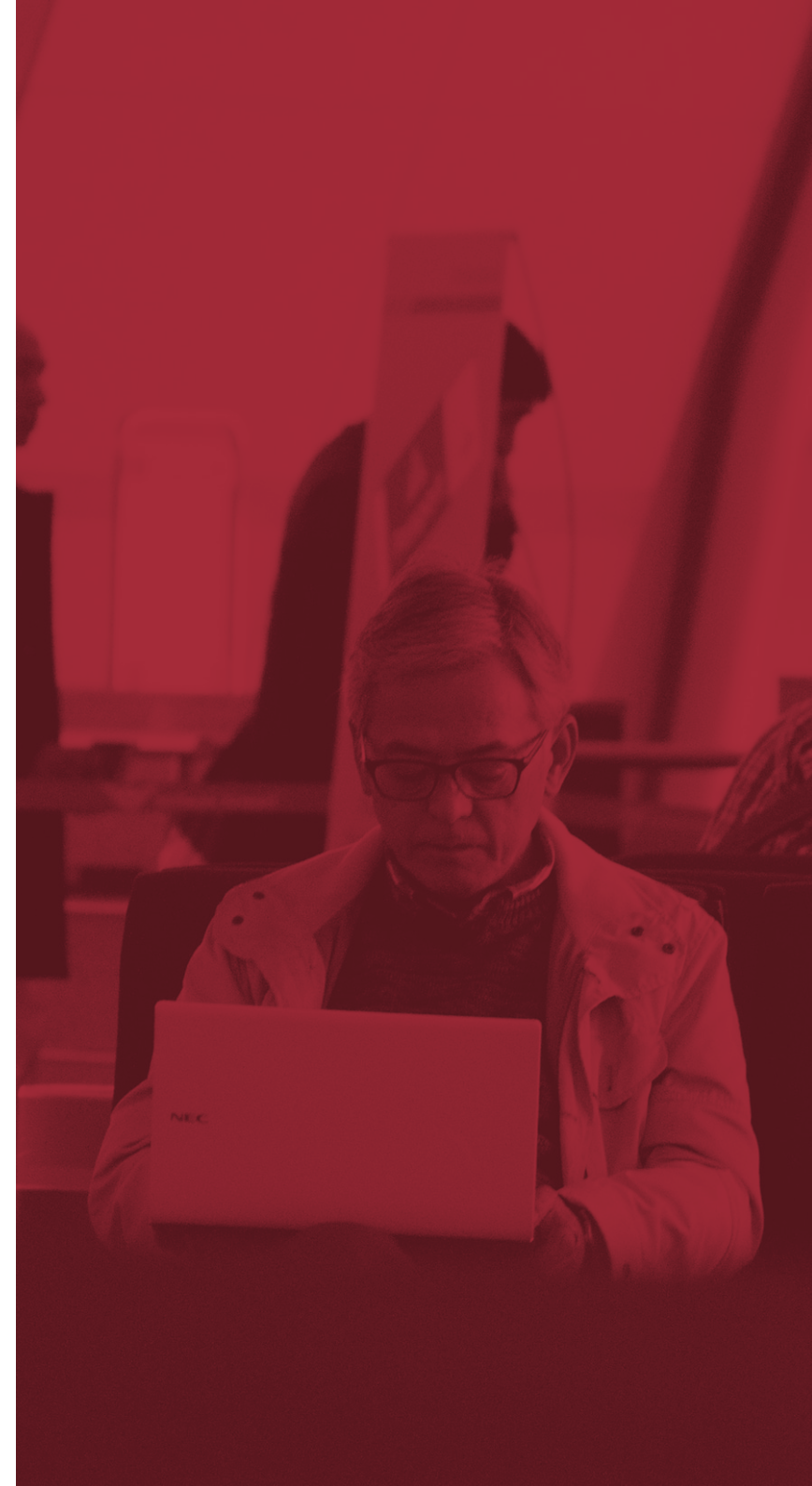
Better performance, lower operational costs

Managing cost and performance

Growth in digital and payment channels means an increase in transaction volumes. Enhanced user experience helps reviewers investigate and action bad transactions faster, improving customer experience and reducing losses.

- Customisable user interface, including the columns in result grids, to enable a reviewer to analyse relevant transactional data faster and take action.

- Inline actions, enabling a reviewer to take action (blacklist, block etc.) with a single click! Overall review, investigate and action is twice as fast as previous version

- Customised business rules to minimize referrals

- Create fraud case documentation rapidly from templates, with data automatically populated from GBG Predator.

- Alerting can prompt system to automatically block cards and accounts.

- Use advanced business rules, injecting code, to narrow rules further

Use case
Money mule

How it happens

- Impersonating - A bank representative or professional broker to suggest a victim to make some profitable investment
- Convincing to install - Imposter demonstrates how to invest
- Stealing money - From the account using access to victim's device
- Obtaining credit - Victim can also have loans taken out in their name from compromised account

GBG Solution identifies:

- Unusual user behavior;
- Typical fraudster behavior;
- Presences of AnyDesk or other remote access tools.

GBG uses insight to stop future fraud: using transactional anti-fraud – new payment details for this client or payment details from the blacklist.

Take control or your behaviour analytics ecosystem

Set up new payment channels as required without involving IT

GBG Predator is highly customisable, accommodating any transaction type into or out of a customer account meaning it can be used by: Banks, Credit unions, Building Societies, online gambling operators, FX trading and spread betting.

Predator 5.0 is highly flexible and configurable and can be deployed into the most complex enterprise. It acts as the glue between critical downstream and upstream systems, utilising data from compliance lists and cyber security (e.g. ip address, mobile phone number etc.) and communicating with payment processing platforms to block transactions in real-time and minimising referrals.

Use case
Digital wallet

Predator 5.0's flexibility enables organisations to easily add payment channels as markets change and the world digitizes. This means that it is not only the right solution to detect financial crime now, but also in the future proof. Design custom monitoring and reporting to exactly fit business requirements

Companies are introducing new ways of paying — digital wallet may be a new addition into a portfolio of offering to the customer. Predator makes it easy to monitor new digital channels (digital wallet, credit card, whatever). Configure a new payment channel — API to any new channel. What data are you capturing? Where is the data coming from?

Avoid fines through AML compliance

- GBG Predator offers a single consistent, risk -based approach for AML compliance.

- Automated account and transactional behaviour monitoring across all locations and customer channels.

- Handles millions of transactions daily in real time.

- Detailed reporting and case management supports swift investigations.

- Prove compliance with a clear audit trail

- Group case management

- Capture user actions at the most detailed level and retain for 7 years or more

Use case
Compliance breaches
make headlines

- Suspicious activity report — identify transactions (over $10k) send in format required by regulator.

- https://www.austrac.gov.au/business/how-comply-guidance-and-resources/reporting/suspicious-matter-reports-smr

- https://www.abc.net.au/news/2018-06-04

About GBG

GBG is a global specialist in fraud, location and identity data intelligence with offices in 16 locations worldwide.

For over 30 years, GBG has been accessing and verifying identities, to the standards set by financial regulators, of more than 4.4 billion people worldwide or 57% of the world's population. GBG has a network of over 200 global partnerships to provide data with accuracy and integrity.

In the fraud category, GBG manages end-to-end fraud and compliance needs across a range of industries including financial services (international, regional and local banks, auto finance companies, P2P lending, mutual companies, and credit unions), government services, retail, betting and wagering. Some of our customers include 90% of top tier banks in Malaysia, BNP Paribas Personal Finance in Spain, regional banks like HSBC, and major wagering players like Tabcorp.

GBG Offices Worldwide

Americas
Atlanta, New York, San Mateo

EMEA
Barcelona, Chester, London, Mersin

APAC
Beijing, Canberra, Jakarta, Kuala Lumpur, Melbourne, Shanghai, Singapore, Sydney, South Korea

Contact Us
contact@gbgplc.com

Contact us

contact@gbgplc.com

GBG Offices Worldwide:

APAC

- Beijing
- Canberra
- Jakarta
- Kuala Lumpur
- Melbourne
- Shanghai
- Singapore
- South Korea
- Sydney

EMEA

- Barcelona
- Chester
- London
- Mersin

Americas

- Atlanta
- New York
- San Mateo