

GB Group

Letting the right one in

GB Group's Identity capital markets day was a deep dive into the group's largest business (36% of FY19 revenues). With electronic identity verification (eIDV) a structural growth market, GBG has invested heavily in the business over the last four years, expanding geographically and adding new capabilities and data sets. We forecast the identity business to be the fastest growing division over the next three years, underpinning the group's targeted double-digit organic revenue growth target.

| Year end | Revenue (£m) | EBIT* (£m) | PBT* (p) | Diluted EPS* (p) | DPS (p) | P/E (x) |
|----------|-----------------|---------------|-------------|---------------------|------------|------------|
| 03/18 | 119.7 | 26.3 | 25.8 | 13.5 | 2.7 | 41.1 |
| 03/19 | 143.5 | 32.0 | 31.3 | 15.4 | 3.0 | 35.9 |
| 03/20e | 192.6 | 44.0 | 40.7 | 16.4 | 3.4 | 33.6 |
| 03/21e | 213.9 | 48.4 | 45.5 | 18.4 | 3.8 | 30.1 |

Note: *EBIT, PBT and EPS are normalised, excluding amortisation of acquired intangibles, exceptional items and share-based payments.

Getting more good customers through the door

The identity business helps establish trust between clients and their end customers when undertaking online transactions such as e-commerce, banking, gambling and accessing government services. Management outlined how it supports clients to get good customers through the door quickly and easily, while preventing fraud and meeting all regulatory and compliance requirements. GBG aims to provide a frictionless journey – this balances the need for clients to undertake all necessary checks with the desire for consumers to complete transactions with as little interaction as possible.

Competitive edge from wide range of data sources

GBG views its layered approach to identity verification as its main competitive advantage. It uses different types of data (official, attributed, behavioural and biometric) to establish a customer's identity, and estimates it can do this with 10–15% more confidence than its competitors. Expansion of its operations outside of the UK, combined with partnerships in countries where it does not operate, means that it can serve multinational companies and those with cross-border business, differentiating it from those peers with a predominantly domestic focus.

Valuation: Premium rating reflects earnings quality

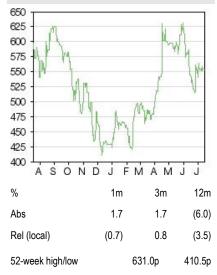
GBG trades at a premium to the UK software sector and towards the top end of its ID management peer group on a P/E basis, reflecting its strong growth outlook and high recurring revenues. Our reverse DCF analysis estimates the current share price is factoring in stable operating margins and revenue growth of c 12% per annum from FY23, in line with the group's revenue and margin targets. Triggers for upside from the current level could include accretive acquisitions, successful cross-selling from recent acquisitions and adoption of GBG's combined identity/location solution.

Identity capital markets day

Software & comp services

| Price Market cap | 16 July 2019 553p £1,068m |
|---------------------------|---------------------------------|
| Net debt (£m) at end FY19 | 65.7 |
| Shares in issue | 193.2m |
| Free float | 98.7% |
| Code | GBG |
| Primary exchange | AIM |
| Secondary exchange | N/A |

Share price performance



Business description

GB Group is a specialist in identity data intelligence. Its products and services enable its customers to better understand and verify their customers and employees, and are used across a range of fraud, risk management, compliance and customer on-boarding services. With headquarters in the UK, GB operates across 16 countries, has customers in 72 countries and generates more than 45% of revenues internationally.

Next events

| AGM | 25 July |
|----------------------|---------------------|
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GB Group is a research client of Edison Investment Research Limited



Investment summary

On an FY20 EV/EBITA of 25.8x and P/E of 33.6x, GBG trades towards the top end of its peer group. Our reverse DCF implies the shares already discount strong organic growth of 12% over the next 10 years (assuming a stable margin, in line with management's current policy). We view the premium as justified by the quality of earnings, the internationalisation of its product sets and the increasing product and market investment that underpin organic growth prospects, while M&A adds the potential for earnings surprise.

GBG's premium valuation should be considered in the context of the following:

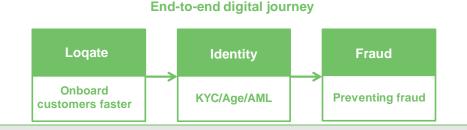
- Structural growth market: digital transformation, globalisation, regulation, and fraud and risk management continue to underpin structural growth in this industry, which is forecast to grow at around 16% a year for the next five years (source: MarketsandMarkets). The emerging trend towards more dynamic verification also plays well to GBG's strengths given its diverse datasets, technologies and wide geographic reach.
- Leading position in a number of segments: GBG has leading positions in many of its segments and geographies. It is also one of few providers that operates across the four key areas in identity verification: attributed, behavioural, digital and biometric, which positions it well in a market that increasingly demands dynamic verification of an individual's ID.
- Global presence: GBG has three global products, with know your customer (KYC) and antimoney laundering (AML) standards reached in 65 markets and fraud solutions in 48 markets. 45% of GBG's revenues are from outside the UK, with these markets enjoying faster growth rates.
- Good acquisition track record, solid balance sheet: GBG has made four acquisitions over the last three years, adding new capabilities, datasets, geographies and clients. Acquisition multiples have been consistently below GBG's own rating and all deals have been or are expected to be earnings accretive by year two. The market for data and capability remains fragmented internationally and, while in the short term GBG is focused on integrating recent acquisitions, in the medium term we expect management to consider further targets. With c £54m headroom from current debt facilities and strong cash generation leading us to forecast a net cash position by the end of FY22, the group has adequate funding to pursue additional acquisitions in the medium term.
- Attractive business model: c 70% of revenues are recurring in nature, providing good visibility. Cash conversion is also strong at more than 90% of EBITDA over the last four years.
- Consistently strong financial performance: FY19 performance was strong, the sixth year of double-digit organic revenue growth. With a high gross margin and semi-fixed cost base, the group could support EBITA margins higher than the targeted 20% and in fact, reported margins of 22.3% in FY19 and 22.0% in FY18. However, management typically re-invests additional margin in order to accelerate product development and its international roll-out. This shifts the revenue profile of the business towards the higher-growth products giving us increased confidence regarding its medium-term outlook.
- Brexit view: GBG should be fairly resilient to the impact of Brexit. Approximately 70% of revenues can be considered recurring, providing good revenue visibility during times of economic uncertainty. We consider growth to be more structural than cyclical and GBG is executing well on its strategy to gain share in this growing market. Earnings visibility is good, which should enable it to manage any signs of weakness in order to defend margins.

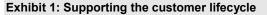


Company description: Global identity data intelligence

GBG provides identity data intelligence services on a global basis. By combining data from a network of more than 270 partners and c 510 datasets with its proprietary technology, it enables rapid data capture and search across many third-party databases, some of which are exclusive to GBG, along with data validation and analysis and database management services.

The group's goal is to support clients in their quest to sign up and retain customers as quickly and easily as possible, while meeting all regulatory requirements and minimising fraud. Its products and services help companies recognise and verify the relevant elements of an individual's identity in real time, enabling more informed and faster business decisions. Revenues are derived from its fraud, risk and compliance, customer location and intelligence and employee screening solutions.





Source: Edison Investment Research

GBG is one of the largest providers in the industry, able to verify c 4.4 billion consumers globally, with KYC and AML standards reached in 65 markets and core address verification in 240 markets. GBG's headquarters are in Chester, England, and it has c 1,000 employees in 16 countries around the world. It has more than 19,000 customers across 72 countries and in FY19 45% of revenues were generated outside the UK. Its long list of reference clients includes blue-chip names such as Barclays, eBay, Facebook and IBM.

Strategy: Investing in data, products and markets

The company has outlined its strategic priorities to deliver on its vision of becoming the global leader in identity data intelligence. Its four areas of focus are to:

- maximise international growth from the Identity, Location and Fraud businesses;
- optimise growth in specialist UK businesses, in particular, using them to differentiate the Identity, Location and Fraud services in the UK;
- join up GBG with the customer at the centre; and
- use M&A to enhance reach and capability.

Via this strategy, GBG aims to grow revenues at a double-digit organic rate and generate adjusted operating margins of at least 20% per annum.

The growth strategy incorporates acquisitions and organic initiatives in order to add data, product and market reach. With the UK market maturing, the internationalisation of its products is also a key priority. GBG has been very product-focused in the past and as it gains in scale it is shifting its focus to the customer. This includes building brand awareness, providing better customer service and joining up products where appropriate.

Increasing organic investment

A particular focus of investment is on the interlinking of GBG's product sets so that a customer can access the entire suite via a single API. On an ongoing basis GBG invests in adding datasets and



product features that enable it to both increase its addressable market by targeting new industries, while also making the products stickier. GBG is increasing investment in sales in order to effectively cross-sell the new products it has developed or obtained via acquisition and has established a Customer Success function. The Loqate brand was launched in H119, incorporating all of GBG's location-based solutions, and the group has developed its new Identity Solution, bringing together its identity and location services, which will be launched later this year.

Active M&A strategy

The market for ID verification solutions remains fragmented and GBG has an active pipeline of opportunities. It targets companies that fill data gaps, bring new technology or product sets that can be rolled-out globally, can enhance its market position or help it to develop internationally.

GBG has made 12 acquisitions over the last eight years totalling £410m in enterprise value (see Exhibit 2). The two most recent acquisitions, VIX Verify¹ and IDology,² have boosted GBG's presence in the US, Australasia and Asia-Pacific, added new multi-national customers and brought new datasets to the group. While the overall price paid based on EV/revenue multiples looks high, the average is skewed by the recent acquisition of IDology. IDology was generating EBITDA margins of 42% prior to acquisition, justifying the higher multiple. Excluding IDology, the average paid was 3.1x trailing sales.

| Date | Fiscal year | Division | Name | Overview | EV £m | LTM revenue £m | EV/ revenue | Tech | Data | Geo | Clients |
|--------|----------------|----------|----------------------------------|---|----------|----------------------|----------------|--------------|--------------|-----|--------------|
| Jun-11 | FY12 | T&I | Data Discoveries | Provider of tracing solutions to the debt collection industry and UK government agencies | 0.6 | 1.7 | 0.4 | ✓ | √ | | ~ |
| Jul-11 | FY12 | E&C | Advanced Checking Services | Electronic checking of driving licenses mainly for health/safety, corporate manslaughter and fraudulent claims prevention | 0.4 | 0.4 | 1.0 | ✓ | ✓ | | ~ |
| Nov-11 | FY12 | Location | Capscan | Leading supplier of UK customer registration and address management software | 11.1 | 6.8 | 1.6 | | \checkmark | | \checkmark |
| Dec-12 | FY13 | E&C | TMG | UK's second largest Criminal Records Bureau (CRB) checking service | 2.3 | 1.8 | 1.3 | ✓ | ~ | | ~ |
| Jul-13 | FY14 | E&C | CRD | UK's sixth-largest CRB checking service | 0.9 | 0.5 | 1.8 | ✓ | | | ✓ |
| Apr-14 | FY15 | Fraud | DecTech | Global credit risk, fraud detection and prevention solutions provider | 19.3 | 5.8 | 3.3 | ✓ | ~ | ✓ | ✓ |
| Oct-14 | FY15 | Engage | Transactis | Anti-fraud services, marketing solutions and transactional data | 6.1 | 6.3 | 1.0 | ✓ | ✓ | | ~ |
| Apr-15 | FY16 | Location | Loqate | Global location intelligence technology platform enables clients to capture, verify and geocode almost any address worldwide | 6.8 | 3.3 | 2.1 | | ✓ | ✓ | ~ |
| Jun-16 | FY17 | Identity | IDscan Biometrics | Rapid customer and employee onboarding solutions | 43.8 | 7.6 | 5.8 | ~ | ✓ | | ✓ |
| May-17 | FY18 | Location | PCA Predict | Provider of UK and international address validation and data quality services | 66.0 | 12.2 | 5.4 | \checkmark | ✓ | | ✓ |
| Oct-18 | FY19 | Identity | VIX Verify | Australia/NZ provider of location and IDV services. | 21.2 | 12.1 | 1.8 | | ✓ | ✓ | ✓ |
| Feb-19 | FY19 | Identity | IDology | US-based provider of eIDV | 231.0 | 27.5 | 8.4 | ✓ | \checkmark | ✓ | ✓ |
| Total | | | | | 409.5 | 86.0 | 4.8 | | | | |

Exhibit 2: Acquisition history

Source: GB Group, Edison Investment Research. Note: E&C = Employ & Comply; T&I = Trace & Investigate.

¹ Scaling up down under, 22 October 2018

² Expanding eIDV in the US, 13 February 2019



International customers soon to generate the majority of revenues

The UK market is relatively mature with the fastest growth coming from international markets. Furthermore, as the data quality in many emerging international markets is much poorer than in the UK, the validation and verification solutions are often sold together (whereas in the UK there is less need for validation services as verification is driven off already validated postcode data).

It is becoming increasingly important to be able to support multinationals and consumers undertaking cross-border transactions. To do this, the company has expanded its operations outside of the UK over the last five years (see Exhibit 3 and 4), helped by the acquisitions of DecTech (Australia), Loqate (US), VIX Verify (Australia/NZ) and IDology (US). In FY19, 45% of revenues were generated outside of the UK (international revenues grew 56% y-o-y), and based on the inclusion of a full year of revenues for IDology and VIX Verify, we would expect the majority of revenues to be generated outside of the UK in FY20.

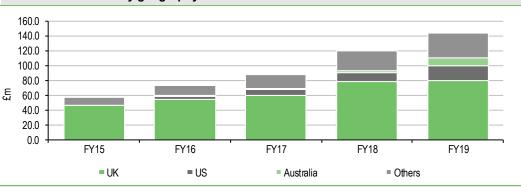
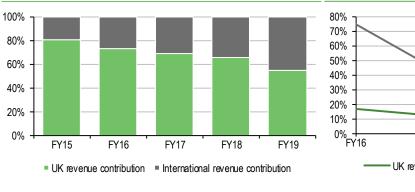


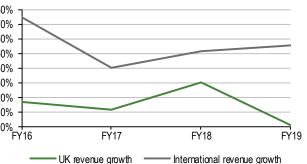
Exhibit 3: Revenues by geography



Source: GB Group







Source: GB Group *Note: adjusting for FY18 perpetual license, UK growth was 4% in FY19.

Business model: Data and technology on a SaaS basis

GBG has more than 270 partnerships with organisations that have access to data that can be used as part of the identity verification process. For example, credit reference agencies, electoral rolls, passport and national ID registers, postal services, mobile operators and retail or social media data. Its value add is in combining huge amounts of data from multiple sources around the world, analysing, cleansing and organising them so that they can be packaged for real-time access via its proprietary software. It draws on a wide spectrum of verification methods: official (passport, bank account details, driving licence, etc), attributed (address, device ID, social ID, etc), biometric (facial recognition and liveness detection) and behavioural (usage patterns, likes, cookies, etc).

Source: GB Group



Its services are used across a wide range of B2C sectors including financial (36% FY19 revenues), gaming (10%), retail & e-commerce (10%), government (8%), motor & transport (4%) and leisure (4%).

| xternal Datasets | Proprietary So | ftware/Algorithms | B2C customers |
|-----------------------------------|----------------|--------------------|-----------------------------------|
| artners 274 Datasets 516 | Location & Cus | tomer Intelligence | |
| arvato @ | Location | (£46.3m 32%) | KOHL'S IBM SEPHORA CORY |
| BERTELSMANN TransUnion. Royal Mai | Engage | (£9.6m 7%) | Thomas Cook |
| Gernserv dun&bradstreet | Fraud, Risk & | Compliance | |
| Disclosure & EQUIFAX | Identity | (£51.9m 36%) | Deplaytech Lyn Etsy stripe |
| BT 🐑 🔅 experian. 🙏 illion | Fraud | (£16.0m 11%) | Таbcorp 向 <u>其集体</u> 医вре ракивая |
| Driver & Vehicle | E&C | (£6.3m 5%) | |
| Lonsing PAYFONE, Agency | T&I | (£13.4m 9%) | Cabot Waitrose |

Source: GB Group

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Products are sold on a subscription (SaaS) or multi-year licence basis. Pricing typically comprises a one-off set-up fee, followed by a data-as-a-service (DaaS) single or batch pricing structure flexed for volumes, feature sets and the number of users. This is also the basis on which GBG acquires third-party data, so profitability can be managed. Customers stay on average for 10 years, and the more data, feature sets and training are added, the stickier products become, with client churn risk increasing when new systems are deployed. There is high revenue visibility, with approximately 70% of revenues recurring in nature, stemming from renewals, long-term contracts or repeat business, and customer concentration is low.

Services are delivered according to customer preference, with on-premise, private cloud and public cloud options available. The sales process is largely direct, with a growing focus on adding channel partners and supporting self-service operations.

The cost of acquiring and managing data is the largest component of cost of sales. Gross margins have increased in recent years as the group benefited from scale economies in data acquisition, platform consolidation and the acquisition of IDscan, which has no acquired data requirements. The two most recent acquisitions reduce the gross margin in FY20 versus FY19, but gross margins should remain broadly flat from FY20, with scale benefits in mature markets being offset by lower margins in newer territories. Operating expenses are largely of a fixed nature and mainly relate to employees and property. GBG has offices in 20 locations; in FY19 it employed 367 people in R&D, 42 in production and a further 475 in sales, general and administrative functions.

Products and divisions

GBG reports across two divisions: Fraud, Risk & Compliance (FRC), and Location & Customer Intelligence (LCI). Exhibit 7 details the divisional structure and key product lines within each division. GBG's three largest service lines (Identity, Fraud and Location) are international and are the three segments that have grown most rapidly in recent years, both organically and through acquisition. The remaining segments are UK-centric. All service lines, bar Engage, have reported strong underlying growth over recent periods. We note that GBG plans to change its reporting structure to the three business lines Identity, Location and Fraud. We understand that Identity would include Employ & Comply, Location would include Engage, and Fraud would include Trace & Investigate.



Exhibit 7: Summary segments

| | | Fraud, Risk & (61% FY19 revenue) | Location & Customer Intelligence (39% FY19 revenues, 38% FY19 EBITA) | | | |
|--------------------|--|---|---|---|--|---|
| Segment name | Identity | Employ & Comply | Fraud | Trace & investigate | Location | Engage |
| % FY19 revenues | 36% | 5% | 11% | 9% | 32% | 7% |
| Markets | International | UK-centric | International | UK-centric | International | UK-centric |
| Product lines | GBG ID3global, GBG IDScan, GBG Identity Solution | GBG Advanced Check, GBG KnowYourPeople, GBG Online Disclosures | GBG Activate, GBG Predator, GBG Instinct, GBG Process Manager | GBG Connexus | Loqate | GBG Marketing Services, GBG Datacare |
| Services | ID Verification Credit risk management AML compliance Age verification Document validation | Online criminal record checks Driving licence checks Employee screening | Application fraud ID fraud Goods lost in transit Investigations Fraud bureaux Internal fraud Behavioural analysis | Tracing lost people Debt management Investigating crime Open source intelligence | Data validation Enhancement ID Assurance | Monitoring interactions real- time Database management |
| Competition | Experian, Equifax, TransUnion, FICO | Experian | Fragmented: Experian, FICO | Lexis Nexis, Experian | Experian, Address Doctor, Google's Auto Address functionality | Fragmented |
| Pricing model | Pay per verification | Pay per verification | Annual renewable licence | Annual renewable licence | Annual renewable licence | Long-term contracts |

Source: GBG, Edison Investment Research

Identity (36% FY19 revenues): International service, strong market position

The services in this business line are used by organisations to protect themselves from the growing global problem of identity theft, for money-laundering checks, or to restrict underage access to content (eg for gambling). GBG can verify the identity (at a basic level) of over 4.4 billion individuals globally, in 190 markets, while being able to perform to KYC and AML standard checks in 65 markets. GBG's identity verification products provide a confidence score – this is the level of confidence that a person is who they say they are. GBG believes it is able to provide a confidence score 10–15% better than its competition due to the wider range of data sources it uses.

GBG ID3global is used to validate the identity of individuals by matching common personal details (name, address and age) against reference data (utility bills, electoral roll, passport, etc) at the point of registration, without the need for physical documents. In addition, it provides a valuable audit trail that demonstrates that the necessary checks have taken place, thereby helping companies comply with international legislation. No personal data are disclosed by the reference databases and, as a result, ID3global complies with data protection laws. **GBG IDScan** authenticates documents. It takes a snapshot of documentation, such as an ID card, passport, driving licence or other form of ID, and gives a definitive yes/no answer as to its authenticity within seconds. **GBG Identity Solution** combines ID3global, IDScan and GBG's Loqate services, and is due for launch later this year.

Management is focused on growing the core domestic markets in the UK, US and Australia, with a focus on compliance-heavy industries, and is also keen to develop more channel partnerships.

Employ & Comply (5% FY19 revenues): GBG KnowYourPeople is a resource for screening and verifying new employees. UK employers, or organisations looking after vulnerable adults and children, can outsource their entire employee disclosure and barring service (DBS) checks and background screening to GBG. **GBG OnlineDisclosures** provides online criminal records checking.

Location (32% FY19 revenues): Leading international position

In FY19, GBG combined its three location offerings (Matchcode360, GBG Loqate and PCA Predict) into one brand, **Loqate**. The division provides location data in 240 countries/territories, in 130



address formats and eight character sets. GBG can geocode almost any address worldwide, for example to enable locations to be shown on a map or to improve location databases. Loqate's services are used for three applications: customer on-boarding and conversion; enhanced data and decisioning; and master data management. The technologies make the customer registration process smoother, faster and more accurate by capturing customer data in real time, validating it and using it to pre-populate online forms. As well as helping e-commerce retailers to reduce the rate of delivery failures (c 20% of failed deliveries are due to inaccurate address details), accurate address data are vital in software used for sales management, billing and tax purposes. Sales take a three-pronged approach: self-service (11% of revenues), direct (66%) and via c 40 channel partners (23%).

Currently Loqate is focused on customers in the UK, the US, Germany, Canada and Australia/NZ. It is putting additional investment into the US and Germany, building on VIX's position in New Zealand (via its Mastersoft solution) and investigating the potential to expand the business in Asia.

Engage (7% FY19 revenues): GBG Marketing Services offers database creation, management and analysis to help develop a single view of a customer to support digital marketing strategies. This division is sub-scale compared to its many UK peers, and its financial performance has been relatively poor in recent periods. Management is looking to evolve the service by adding more analysis and insight while streamlining costs. However, the division sits within a strong competitive environment, with a high number of new entrants.

Fraud (11% FY19 revenues): Strong in Asia-Pacific

The majority of revenues come from **GBG Activate**, a customisable credit-scoring and management system used in on-boarding customers. It also has an expanding presence in the identity fraud prevention market with **GBG Predator**, which monitors customers' transactions to stay alert to abnormal behaviour, and **GBG Instinct**, a fraud-management engine that checks customer data against globally available identity information: account numbers, previous applications, blacklists, criminal databases ,etc. It has a strong presence in South-East Asia and in the financial services industry and in H219, GBG signed up its first US domestic bank, Discover Financial Services. One of the key differentiators of the service is that it can operate in multiple languages (rather than translating into one overriding language then translating back), which increases its accuracy and hit rate in identifying anomalies. It also allows customers to set and edit their own rules for pass or rejection rate criteria. This means that any required changes can be accommodated quickly and easily, without lengthy or expensive change requests – a key differentiator in the fraud management sector where fraud prevention needs to be reactive and iterative.

The main focus markets are Australia, New Zealand, China, Singapore, Indonesia and Malaysia. Secondary markets include Hong Kong, Spain, France, South Africa, Thailand and the Philippines. The business is exploring partnerships that can provide consulting and delivery services.

Trace & Investigate (9% FY19 revenues): GBG Connexus combines GBG's national identity register with real-time data from multiple social networks and other consented data pools, helping customers locate and contact individuals. This product is popular with the debt recovery market and police forces (GBG contracts directly with 60% of the UK's forces) to help trace individuals or identify potential associates, in the insurance market to spot potential fraud (eg by linking people in 'crash for cash' schemes), for reunifying financial assets (£15bn lies unclaimed in old UK bank accounts, pensions, life assurance and investments) and by the retail industry to help identify employee-linked stock theft.



Technology and product development

GBG's platform is built on a micro-services architecture and is cloud native and agnostic. In FY19 the company invested in the platform to strengthen the ability to scale volumes quickly and efficiently and to provide faster response times for customers. This included the migration of some systems to the cloud (using Amazon Web Services), standardising orchestration across the group with the Kubernetes container system and the launch of a Security Operations Centre to provide continuous monitoring.

On a product basis:

- Identity: the main focus has been to join up the various capabilities within the business, using micro-services and consistent APIs. There is growing demand for access to dynamic data, for example getting access to live data from mobile operators via providers such as Payfone or Boku. This type of data can also be used to authenticate customers calling into clients' call centres. GBG is looking at widening its biometrics capability to include voice recognition.
- Location: the business has worked to enrich and refine data in 40 countries in order to create the 'golden' record, ie a record that is complete, accurate and up-to-date. It has focused on making the business scalable, so that for example, during busy shopping periods it can continue to maintain fast response rates.
- Fraud: the business has enhanced the user experience (UX)/user interface (UI) and added machine learning across the portfolio. It is acquiring new data and technology to extend AML and compliance capabilities and is partnering with other fraud analytics companies.

Market outlook: Strong demand drivers

Digital transformation, globalisation, regulation, and fraud and risk management continue to underpin structural growth in the identity verification industry. Various market studies point to continued strong growth. A Fuel by McKinsey report from June 2018 (*ID verification as a service*) estimated that the market was worth \$10bn in 2017 and is expected to grow at a rate of 9–15% per annum to reach \$16–20bn by 2022. A report from MarketsandMarkets estimates that the market for identity verification will be worth c \$6bn in 2019 and is forecast to grow at a CAGR of 16% to \$12.8bn by 2024. Based on its current geographic focus, GBG estimates that it has a total addressable market of c \$2bn for its identity business and c \$1bn for its location business. Below, we look at the key drivers in more detail.

Digital transformation: sustained growth in the volume of transactions made over the internet and increasingly via mobile devices is driving demand for electronic identity verification (eIDV). This includes online retail and travel, online gambling, signing up for and using digital-first bank accounts, mobile payments and the sharing economy, as well as government services such as filing tax returns or applying for a passport. We also point to the culture of change as a driving force for ID verification solutions, with individuals more frequently switching careers and service providers than previous generations.

Ubiquitous digital identities: the World Bank targets that everyone will have a digital identity by 2030 and the roll-out of digital citizen programmes around the world is a key catalyst in modernising identity verification, which remains largely paper based. The shift to digital identities is viewed as a vital factor in reducing poverty, social exclusion and inequality in developing economies and in reducing the costs of providing government services in all economies. In parallel, increasing numbers of adults are developing wider digital ID footprints: nearly half the world's population has a social media account and according to the GSMA, more than two-thirds of the population has a mobile subscription, providing additional verification options.



Globalisation: increasingly, companies need to verify customers across borders, where customers may have a limited credit history or where the reliance on a credit check is no longer sufficient. GBG's solutions can help to address this by combining things like geolocation (used when no formal postcodes are available) with an overview of previous activity or social network identities.

Regulation and compliance: in many industries, regulation dictates minimum identity verification requirements. KYC and AML regulations stipulate a minimum level of identity verification in all industries covered by money laundering regulations (estate agents, financial institutions, the gambling groups). Background employee checks are mandatory in many industries, eg when working with children, the police force, etc.

ID fraud: according to the Annual Fraud Indicator 2017 report, 50% of all crimes in the UK are fraud related, costing the government almost £200bn a year. Cifas, the UK's fraud prevention service, estimates that total reported fraud cases increased 6% in 2018 to 323,660, of which 189,108 were identity fraud (+8% y-o-y). Globally, 2.8bn identity records were breached in 2017 (source: Juniper Research), up from 1.1bn in 2016. There are now more than 9bn records available on the dark web for sale for as little as \$0.1 to \$1.5 per item, along with an active market for scanned passports and other documents enabling bad actors to use an increasing number of tactics. The traditional tools of ID verification will remain a vital first step to ID verification. However, a more dynamic approach is needed as well – drawing on a broader range of data and methodologies such as biometrics or contextual information to forge links between IDs, locations, device and online behaviour. This complexity should play well to GBG with its global footprint, experience with a range of verification technologies and its trusted status in the industry.

Blockchain – nascent, but potentially disruptive technology: to verify an individual's identity, institutions either obtain and store records of a client's personally identifiable information (PII) directly, or will use a centralised body to verify information on their behalf (or both). This leads to the widespread dissemination of PII, increasing the risk of breach. The Equifax breach is an example of the risk users take when entrusting centralised authorities with PII. ID verification services, while accepted as necessary, can be found to be intrusive and add cost to institutions required to use them. For instance, it costs a bank approximately \$15–20 to comply with KYC in the on-boarding process for a customer and any verification performed is only used once and cannot be shared between other companies.

Blockchain is being explored by a number of companies, including GBG, as a way to reduce customer friction and increase security. Blockchain applications could enable organisations to gain proof that an ID has been verified without ever having to see, or store, the PII themselves. In effect, it would cut out the need for a trusted intermediary to verify PII. For example, a user's PII could be encrypted and stored locally on the user's phone. A user would permission an institution that wants to verify its identity to make a request to the blockchain participants (the 'verifiers') to verify the previously audited PII. Sharing identity verification among networked partners eliminates potential weaknesses in single party ownership, and storing PII on the device, rather than centrally, makes data attacks on a mass scale more difficult. At the outset, every digital identity would still have to be verified and with more individuals and companies involved in e-contracts, volumes could increase significantly. However, in theory, once an individual has joined the blockchain service, companies would be able to trust users without the need to retrieve and store PII data. It may allow a move towards verifying 'attributes' instead of 'identities'. For example, if all a company needs to know is that a customer is over 18, then it would only receive confirmation of this single attribute with no other PII provided, vastly reducing the impact of a data breach on such data. This is an active area of research for GBG, but it is still early days in terms of services being brought to market.



Competition: Co-opetition

GBG both buys services from and sells them to major credit rating agencies (eg Experian, Equifax, FICO and TransUnion). These agencies also represent its main competition in ID verification (Exhibit 7 summarises GBG's key competitors in each segment). Given the increasing prevalence of data breaches, institutions will only share PII with trusted partners and GBG's place as a trusted partner in this 'co-opetition' ecosystem provides a significant barrier to entry.

While smaller than its main peers, GBG claims wider coverage in terms of datasets and markets. For example, the credit rating agencies (CRA), which have excellent electronic ID verification (eIDV) services, are limited to their own credit data meaning that in the majority of markets where the CRA is either owned by the government or a bank, they cannot compete. GBG, which is not regarded as a direct competitor in these markets, can acquire the data. Consequently, it can consolidate a much wider range of data points and across many more markets. This is particularly important in developing markets where customers often do not have a credit footprint and verifying identity can be difficult if restricted to one source. Management also points to the ease of integration of its products, and that its services are bespoke, using a SaaS business model with transparent pricing based on data use.

GBG also sees competition from point solution providers in the ID verification market including Jumio, Onfido and, to a lesser extent, Trulioo (all three are privately owned). US-based Jumio offers a similar service to IDScan and we estimate is the largest in terms of revenues (ARR \$70m in Q218, target \$100m for Q418). Although Onfido was founded in the UK, GBG only really sees them in the US; Onfido generated revenues of c \$10m in CY17. Canadian-based Trulioo (c \$20m revenues) is both a competitor and customer of GBG.

The final area of competition comes from businesses that continue to rely on paper and people to verify their customers' identities. As eIDV services get easier to use, and companies look to reduce their back office costs, we would expect more to shift to using eIDV services.

Financials

Exhibit 8 shows GBG's reported revenue growth over the last five years and our forecasts over the next three years. Organic growth in FY18 and FY19 was affected by a perpetual licence signed in H118 (GBG typically signs three-year licences). As we have previously written, if FY18 revenues are adjusted to treat the license as a typical three-year term license, organic revenue growth was 14% in FY18 and 11.5% in FY19.

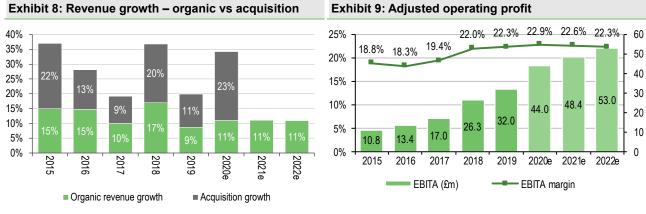


Exhibit 8: Revenue growth - organic vs acquisition

Source: GB Group, Edison Investment Research

Source: GB Group, Edison Investment Research

The company targets double-digit organic revenue growth and adjusted operating margins of at least 20%. GBG has achieved double-digit organic revenue growth over the last five years, and has



increased adjusted operating margins from 18.8% in FY15 to 22.3% in FY19 (see Exhibit 9). Typically, the company aims to support future growth by re-investing margins in excess of the 20% target. We forecast margins slightly above 20% for the next three years, with a small decline from FY20e to FY22e to reflect the mix effect of recent lower-margin acquisitions growing faster than the existing business. Our normalised EPS forecasts assume an effective tax rate of 21%, a blended mix of UK, US and Australian tax rates. We forecast EPS growth of 6.8% in FY20e, increasing to 11.7% in FY21e and 10.5% in FY22e. Our forecasts are unchanged from our last note on 6 June.

FY19

FY20e

92,070

FY21e

104,649

FY22e

118,955

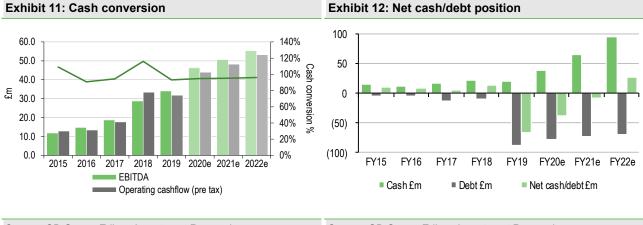
Exhibit 10: Divisional forecasts £000s FY18 Identity 37,800 51,900

| Trace & Investigate | 12,400 | 13,400 | 14,070 | 14,774 | 15,512 |
|----------------------------------|---------|---------|---------|---------|---------|
| Fraud | 13,500 | 16,000 | 18,000 | 19,944 | 21,938 |
| Employ & Comply | 6,100 | 6,300 | 6,615 | 6,946 | 7,293 |
| Fraud, Risk & Compliance | 69,800 | 87,600 | 130,755 | 146,313 | 163,699 |
| Location | 39,402 | 46,300 | 52,752 | 58,912 | 65,392 |
| Engage | 10,500 | 9,600 | 9,120 | 8,664 | 8,231 |
| Location & Customer intelligence | 49,902 | 55,900 | 61,872 | 67,576 | 73,623 |
| Total revenue | 119,702 | 143,500 | 192,626 | 213,889 | 237,321 |
| Revenue growth | | | | | |
| Identity | 37% | 37% | 77% | 14% | 14% |
| Trace & Investigate | 13% | 8% | 5% | 5% | 5% |
| Fraud | 31% | 19% | 13% | 11% | 10% |
| Employ & Comply | 3% | 3% | 5% | 5% | 5% |
| Fraud, Risk & Compliance | 27% | 26% | 49% | 12% | 12% |
| Location | 81% | 18% | 14% | 12% | 11% |
| Engage | -4% | -9% | -5% | -5% | -5% |
| Location & Customer intelligence | 53% | 12% | 11% | 9% | 9% |
| Total revenue growth | 37% | 20% | 34% | 11% | 11% |
| Fraud, Risk & Compliance | 16,049 | 20,417 | 33,918 | 37,310 | 40,925 |
| Location & Customer intelligence | 11,458 | 12,633 | 12,065 | 13,245 | 14,430 |
| Group costs | (1,196) | (1,019) | (1,963) | (2,200) | (2,400) |
| Total EBITA | 26,311 | 32,031 | 44,020 | 48,355 | 52,955 |
| EBITA margins | | | | | |
| Fraud, Risk & Compliance | 23.0% | 23.3% | 25.9% | 25.5% | 25.0% |
| Location & Customer intelligence | 23.0% | 22.6% | 19.5% | 19.6% | 19.6% |
| Group EBITA margin | 22.0% | 22.3% | 22.9% | 22.6% | 22.3% |
| Normalised EPS (p) | 13.47 | 15.40 | 16.45 | 18.38 | 20.31 |
| Normalised EPS growth | 36.7% | 14.3% | 6.8% | 11.7% | 10.5% |

Source: GB Group, Edison Investment Research

The company has limited working capital requirements and expects to be able to convert EBITDA to pre-tax operating cash flow (excluding exceptional cash flows) at a rate of c 95% (Exhibit 11). GBG does not capitalise development costs so capex mainly consists of premises and IT equipment. To acquire IDology, the company put in place a £110m credit facility with a £30m accordion and interest payable at Libor plus 1.5%. By the end of FY19 it had used £85.4m of this facility, with £54m still available for future acquisitions, resulting in a net debt position of £66m at the end of FY19 (Exhibit 12). We are forecasting strong cash generation over the next three years, which absent any further acquisitions should move the company back to a net cash position by the end of FY22.





Source: GB Group, Edison Investment Research

Source: GB Group, Edison Investment Research

Valuation

In the table below, we show GBG's financial performance and valuation metrics versus four peer groups: identity management companies (IDM), identity access management companies (IAM), cyber-security companies and UK software companies with a market cap above £100m.

Exhibit 13: Peer group financial performance

| | Reven | ue growth | (%) | EBITI | DA margin (| %) | EBIT margin (%) | | | |
|------------------------|--------|-----------|--------|--------|-------------|--------|-----------------|--------|--------|--|
| | Year 1 | Year 2 | Year 3 | Year 1 | Year 2 | Year 3 | Year 1 | Year 2 | Year 3 | |
| GBG | 34.2 | 11.0 | 11.0 | 24.0 | 23.7 | 23.3 | 22.9 | 22.6 | 22.3 | |
| Average IDM | 11.7 | 9.8 | 9.4 | 25.2 | 29.4 | 30.7 | 19.7 | 23.2 | 24.7 | |
| Average IAM | 27.0 | 24.3 | 19.4 | -2.9 | 5.0 | 12.9 | -5.8 | 3.1 | 8.2 | |
| Average Cyber Security | 13.6 | 12.6 | 12.0 | 22.4 | 23.9 | 25.6 | 18.5 | 20.2 | 21.8 | |
| Average UK Software | 15.0 | 12.0 | 9.4 | 25.3 | 26.3 | 27.5 | 22.2 | 23.2 | 24.2 | |

Source: Edison Investment Research, Refinitiv (as at 8 July)

Exhibit 14: Peer group valuation multiples

| | EV/sales (x) | | EV/EBITDA (x) | | EV/EBIT (x) | | | P/E (x) | | | Dividend yield (%) | | | | |
|------------------------|--------------|--------|---------------|--------|-------------|----------|--------|---------|--------|--------|--------------------|--------|--------|--------|--------|
| | Year 1 | Year 2 | Year 3 | Year 1 | Year 2 | Year 3 | Year 1 | Year 2 | Year 3 | Year 1 | Year 2 | Year 3 | Year 1 | Year 2 | Year 3 |
| GBG | 5.9 | 5.3 | 4.8 | 24.5 | 22.4 | 20.5 | 25.8 | 23.5 | 21.4 | 33.6 | 30.1 | 27.2 | 0.6 | 0.7 | 0.8 |
| Average IDM | 5.0 | 5.0 | 4.7 | 22.3 | 16.7 | 14.4 | 17.8 | 32.0 | 19.4 | 34.2 | 25.0 | 22.3 | 0.8 | 1.0 | 1.1 |
| Ave IAM | 7.5 | 5.9 | 5.4 | N/A | N/A | 52.3 | N/A | N/A | 107.0 | N/A | N/A | 108.1 | 0.2 | 0.2 | 0.2 |
| Average Cyber Security | 5.8 | 5.1 | 4.5 | 85.2 | 33.4 | 21.7 | 861.8 | 12.2 | 32.4 | 142.6 | N/A | 37.9 | 0.1 | 0.1 | 0.1 |
| Average UK Software | 4.4 | 3.9 | 3.7 | 15.4 | 14.0 | 13.1 | 19.0 | 16.6 | 15.4 | 23.9 | 20.9 | 19.3 | 1.3 | 1.5 | 1.7 |
| | | | | , | | 、 | | | | | | | | | |

Source: Edison Investment Research, Refinitiv (as at 8 July)

GBG trades at a premium to the UK software sector, in our view due its higher revenue growth combined with the high level of recurring revenues. Within the IDM market, the charts below show that GBG trades towards the upper end, reflecting its strong forecast revenue growth.



Exhibit 15: Revenue growth rates

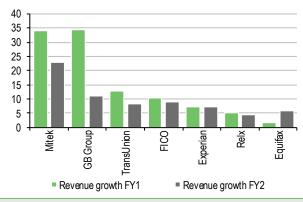
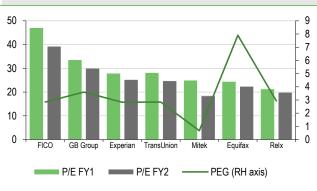
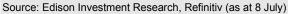


Exhibit 16: P/E and PEG ratios





Source: Edison Investment Research, Refinitiv (as at 8 July). Note: PEG = FY1 P/E/(average EPS growth rate FY0–FY2)

Discounted cash flow analysis

Our reverse DCF (8.4% WACC, 3% perpetuity growth after 10 years) implies that the current share price is discounting organic revenue growth of approximately 12% over the next 10 years, assuming a stable EBITDA margin (in line with management's current policy). While this growth rate is fairly high, GBG's growing scale, widened product sets and international presence should support the current level of organic growth over the medium term, and the investments made in product development and customer services have the potential to add new revenue streams further down the line.

Sensitivities

GB Group's forecasts and share price are sensitive to the following factors:

- The extent/timing of market take-up of electronic ID verification: while the market for electronic ID verification has continued to grow at a strong pace, in the UK it is fairly mature and is experiencing some pricing pressure. Much of GBG's organic growth is coming from international markets, where the pace of uptake may be affected by the timing of GBG's roll-out to new geographies, or major client wins.
- Competition from the major established credit-checking players: GBG's largest competitors grew out of credit checks for the financial services sector, where they have strong relationships with the major banks. They are broadening their offerings, and are significant current and potential competitors in the identity-checking market.
- Competition from newer players in the social media sector: the market is dynamic and fragmented and, as discussed, new technologies and competitors could disrupt the market.
- Changes in regulation/legislation in the ID verification market: changes in regulation and legal requirements across a wide range of industries and market sectors could enhance or adversely affect operations. For example, the 2014 Right to Work regulation in the UK, which introduced fines for employers found to be in breach, stimulated growth in GBG's Checking Employees business.
- Acquisition strategy: GBG has a good track record in integrating acquisitions. However, as the group grows in scale, for M&A to have the same impact deals will probably need to become larger. This potentially increases risk, and the likelihood of additional fund-raising would have an impact on forecasts.



- Disruption to and/or changes in sourcing data from suppliers and partners: as well as its own data, GBG relies on data from external sources to maintain its databases. Disruption to and/or changes in access to some or all these, particularly the larger vendors (for instance if they felt that GBG was becoming a threat), could affect the group's prospects.
- Technology: disruptive technologies, such as machine learning, AI and blockchain, could result in pricing pressure.
- Currency: 45% of revenues are derived internationally. GBG does not actively hedge its currency exposure, although there is an element of natural hedge via the operating cost bases in these international markets and via cash deposits. Based on FY19 reported PBT, a 10% depreciation of the pound versus the US dollar, euro or Australian dollar would have resulted in a 0.2%, 0.8% or 0.3% increase in PBT, respectively.
- Brexit view: GBG should be fairly resilient to the impact of Brexit. Approximately 70% of revenues can be considered recurring, providing good revenue visibility during times of economic uncertainty. We consider growth to be more structural than cyclical and GBG is executing well on its strategy to gain share in this growing market. Earnings visibility is good, which should enable it to manage any signs of weakness to defend margins.



Exhibit 17: Financial summary

| | £000s 2015 | 2016 | 2017 | 2018 | 2019 | 2020e | 2021e | 2022e |
|--|----------------|-------------|----------|----------|-------------------|-----------------|-----------------|-----------|
| Year end 31 March | IFRS | IFRS | IFRS | IFRS | IFRS | IFRS | IFRS | IFRS |
| PROFIT & LOSS | | | | | | | | |
| Revenue | 57,283 | 73,401 | 87,468 | 119,702 | 143,504 | 192,626 | 213,889 | 237,321 |
| Cost of Sales | (16,448) | (17,606) | (20,302) | (27,092) | (36,060) | (52,164) | (55,707) | (61,765) |
| Gross Profit | 40,835 | 55,795 | 67,166 | 92,610 | 107,444 | 140,462 | 158,182 | 175,556 |
| EBITDA | 11,844 | 14,772 | 18,734 | 28,741 | 34,080 | 46,241 | 50,662 | 55,352 |
| Operating Profit (before amort. and except.) | 10,790 | 13,428 | 17,006 | 26,311 | 32,031 | 44,020 | 48,355 | 52,955 |
| Acquired intangible amortisation | (1,986) | (2,501) | (4,022) | (7,885) | (10,316) | (19,300) | (17,100) | (16,500) |
| Exceptionals | (1,629) | (94) | (1,410) | (2,143) | (4,003) | 0 | 0 | Ó |
| Share of associate | (10) | Ó | 0 | 0 | 0 | 0 | 0 | 0 |
| Share based payments | (971) | (1,245) | (994) | (2,375) | (2,287) | (2,516) | (2,767) | (3,044) |
| Operating Profit | 6,194 | 9,588 | 10,580 | 13,908 | 15,425 | 22,204 | 28,487 | 33,411 |
| Net Interest | (266) | (270) | (498) | (508) | (689) | (3,280) | (2,880) | (2,580) |
| Profit Before Tax (norm) | 10,524 | 13,158 | 16,508 | 25,803 | 31,342 | 40,740 | 45,475 | 50,375 |
| Profit Before Tax (FRS 3) | 5,928 | 9,318 | 10,082 | 13,400 | 14,736 | 18,924 | 25,607 | 30,831 |
| Tax | (1,127) | (178) | 668 | (2,746) | (2,583) | (3,974) | (5,378) | (6,474) |
| Profit After Tax (norm) | 8,314 | 10,395 | 13,206 | 20,642 | 24,760 | 32,184 | 35,925 | 39,796 |
| Profit After Tax (FRS 3) | 4,801 | 9,140 | 10,750 | 10,654 | 12,153 | 14,950 | 20,230 | 24,356 |
| Average Number of Shares Outstanding (m) | 119.1 | 122.7 | 131.6 | 150.6 | 158.1 | 193.1 | 193.5 | 194.0 |
| | 7.0 | 8.5 | 10.0 | 130.0 | 150.1 | 16.7 | 18.6 | 20.5 |
| EPS - normalised (p) EPS - normalised and fully diluted (p) | 6.7 | 0.0 8.2 | 9.9 | 13.7 | 15.7 | 16.7 | 18.4 | 20.3 |
| | 4.0 | 7.4 | 8.2 | 7.1 | 7.7 | | 10.4 | 12.6 |
| EPS - (IFRS) (p) Dividend per share (p) | 1.9 | 2.1 | 2.4 | 2.7 | 3.0 | 7.7 | 3.8 | 4.3 |
| | | | | | | | | |
| Gross Margin (%) | 71.3 | 76.0 | 76.8 | 77.4 | 74.9 | 72.9 | 74.0 | 74.0 |
| EBITDA Margin (%) | 20.7 | 20.1 | 21.4 | 24.0 | 23.7 | 24.0 | 23.7 | 23.3 |
| Operating Margin (before GW and except.) (%) | 18.8 | 18.3 | 19.4 | 22.0 | 22.3 | 22.9 | 22.6 | 22.3 |
| BALANCE SHEET | | | | | | | | |
| Fixed Assets | 51,238 | 59,364 | 105,653 | 170,284 | 435,195 | 416,474 | 399,967 | 384,069 |
| Intangible Assets | 45,296 | 54,113 | 98,753 | 161,372 | 421,747 | 402,047 | 384,547 | 367,647 |
| Tangible Assets | 2,829 | 2,234 | 2,856 | 4,700 | 4,815 | 5,794 | 6,787 | 7,789 |
| Other fixed assets | 3,113 | 3,017 | 4,044 | 4,212 | 8,633 | 8,633 | 8,633 | 8,633 |
| Current Assets | 33,186 | 36,189 | 48,914 | 61,121 | 76,404 | 112,767 | 147,458 | 186,187 |
| Debtors | 17,408 | 23,774 | 30,569 | 37,969 | 54,874 | 73,198 | 81,278 | 90,182 |
| Cash | 15,778 | 12,415 | 17,618 | 22,753 | 21,189 | 39,228 | 65,839 | 95,664 |
| Other | 0 | 0 | 727 | 399 | 341 | 341 | 341 | 341 |
| Current Liabilities | (30,784) | (32,559) | (44,444) | (56,942) | (73,432) | (89,375) | (95,062) | (101,824) |
| Creditors | (24,305) | (30,927) | (36,436) | (56,100) | (71,912) | (87,855) | (93,542) | (100,304) |
| Contingent consideration | (5,733) | (1,050) | (7,122) | (45) | (79) | (79) | (79) | (79) |
| Short term borrowings | (746) | (582) | (886) | (797) | (1,441) | (1,441) | (1,441) | (1,441) |
| Long Term Liabilities | (7,506) | (6,593) | (15,940) | (16,711) | (114,995) | (104,995) | (100,995) | (96,995) |
| Long term borrowings | (3,643) | (3,160) | (11,499) | (8,451) | (85,447) | (75,447) | (71,447) | (67,447) |
| Contingent consideration | (895) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other long term liabilities | (2,968) | (3,433) | (4,441) | (8,260) | (29,548) | (29,548) | (29,548) | (29,548) |
| Net Assets | 46,134 | 56,401 | 94,183 | 157,752 | 323,172 | 334,871 | 351,367 | 371,437 |
| CASH FLOW | , | | , | , | | | | , |
| | 11,684 | 13,397 | 16,305 | 21 620 | 27 770 | 12 950 | 49.260 | 53,211 |
| Operating Cash Flow | | | | 31,620 | 27,779 | 43,859 | 48,269 | |
| Net Interest | (266) (337) | (282) (248) | (498) | (545) | (720) | (3,280) (3,974) | (2,880) (5,378) | (2,580) |
| Tax | | | (2,193) | (3,247) | (2,930) | | | (6,474) |
| Capex | (2,011) | (1,762) | (2,227) | (2,018) | (1,625) (255,101) | (2,800) | (2,900) | , |
| Acquisitions/disposals | (18,672) | (12,263) | (36,840) | (70,363) | | 0 | 0 | 0 |
| Financing | 10,954 | 790 | 24,755 | 56,668 | 157,339 | (5 766) | (6 501) | (7 221) |
| Dividends | (1,955) | (2,277) | (2,775) | (3,582) | (4,049) | (5,766) | (6,501) | (7,331) |
| Net Cash Flow | (603) | (2,645) | (3,473) | 8,533 | (79,307) | 28,039 | 30,611 | 33,825 |
| Opening net debt/(cash) | (11,846) | (11,389) | (8,673) | (5,233) | (13,505) | 65,699 | 37,660 | 7,049 |
| HP finance leases initiated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 146 | (71) | 33 | (261) | 103 | 0 | 0 | 0 |
| Closing net debt/(cash) | (11,389) | (8,673) | (5,233) | (13,505) | 65,699 | 37,660 | 7,049 | (26,776) |

Source: GB Group, Edison Investment Research



Contact details

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Management team

CEO: Chris Clark

Chris was appointed to the board as CEO in April 2017. Before joining GBG he was managing director at Experian for five years with responsibility for accelerating growth across the UK and EMEA. He previously worked at BT for 20 years, running several large and small technology businesses across the globe.

Chairman: David Rasche

David was appointed to the board in September 2010. He was the founder of SSP Holdings Limited, one of the largest specialist insurance software houses in the world. David has over 45 years' IT industry experience with over 35 years at board level in the software and services sectors. He has chaired and advised businesses in both the public and private markets and has overseen numerous acquisitions and disposals over the last 30 years.

CFO & COO: Dave Wilson

Dave was appointed to the board in October 2009 having joined GBG as finance director. He has worked in technology, media and telecoms for over 30 years, previously holding international and operational board level positions with companies including Eazyfone, Codemasters and Fujitsu.

| Principal shareholders | (%) |
|--|------|
| Octopus Investments | 10.2 |
| Aberdeen Standard Investments | 9.3 |
| Kames Capital | 7.4 |
| Canaccord Genuity | 7.3 |
| BlackRock | 4.5 |
| Investec | 4.3 |
| Herald Investment Management | 3.0 |
| Janus Henderson | 2.6 |
| Kestrel Partners | 2.3 |
| Companies named in this report | |
| Equifax, Experian, FICO, Mitek Systems, Relx, TransUnion | |



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