

## Due Diligence and Valuation Report

Arrowhead Code: 75-04-01  
 Coverage initiated: August 17, 2021  
 This document: August 17, 2021  
 Fair share value bracket:  
 (Blended Valuation) EUR 6.2 and EUR 6.5  
 Share price (August 16, 2021): EUR 4.7<sup>i</sup>

### Analysts

Ayushi Saraswat Sachin Salian  
[ayushi.saraswat@arrowheadbid.com](mailto:ayushi.saraswat@arrowheadbid.com) [Sachin.salian@arrowheadbid.com](mailto:Sachin.salian@arrowheadbid.com)

### Market Data

52-Week Range: EUR 3.1 – EUR 5.0<sup>i</sup>  
 Average Daily Volume (3M Avg.): 5,024.8<sup>ii</sup>  
 Market Cap (August 16, 2021): EUR 154.8 million (mn)<sup>iv</sup>

### Financial Forecast (in EUR) (FY Ending – Dec)

| EUR          | '22E | '23E | '24E | '25E | '26E |
|--------------|------|------|------|------|------|
| High NI (mn) | 6.9  | 9.6  | 11.0 | 13.5 | 16.2 |
| High EPS     | 0.2  | 0.3  | 0.3  | 0.4  | 0.5  |
| Low NI (mn)  | 5.1  | 7.5  | 8.6  | 10.3 | 12.4 |
| Low EPS      | 0.2  | 0.2  | 0.3  | 0.3  | 0.4  |

**Company Overview:** Global Graphics PLC (GG), headquartered in England and Wales, is a developer of integrated electronics, software and services for digital printing and industrial inkjet applications. The company operates through its four subsidiaries – Global Graphics Software, HYBRID Software (HYBRID), Meteor Inkjet (Meteor), and Xitron. It is listed on Euronext Brussels under the symbol "GLOG."

GG's traditional customers are original equipment manufacturers (OEMs) of digital printing equipment and end users, primarily printers, packaging converters, and trade shops which serve the labels & packaging industry. The company is at the forefront of technology developments relevant for printing and manufacturing an increasingly diverse range of goods, from product labelling and packaging, to textiles, floor tiles and wall coverings, and even additive manufacturing and 3-D printing applications.

**1H 2021 Financial Overview:** Revenue at EUR 23.8 mn doubled from EUR 11.9 mn in H1 2020 mainly because of the acquisition of HYBRID, which contributed EUR 10.4 mn. Gross profit at EUR 19.7 mn improved from EUR 9.5 mn in H1 2020 with gross margin at 82.6% in H1 2021 vs 79.8% a year earlier mainly because of the higher mix of software-related sales during H1 2021, particularly higher-margin sales to end-users by HYBRID. EBITDA was reported at EUR 5.8 mn vs EUR 3.9 mn a year earlier.



Company: Global Graphics PLC  
 Ticker: GLOG  
 Headquarters: Cambridge, United Kingdom  
 CEO: Mike Rottenborn  
 CFO: Graeme Huttley  
 Website: [www.globalgraphics.com](http://www.globalgraphics.com)  
[investor.globalgraphics.com](http://investor.globalgraphics.com)

**Key Highlights:** (1) The company has a revenue target of EUR 45-50 mn for FY 2021 and plans to increase it to EUR 100 mn along with target EBITDA of EUR 35 mn by FY 2026. The plan is to achieve revenue growth through a contribution of c. 75% from organic growth and 25% from future acquisitions; (2) GG's strategic focus is to a) provide all critical core technologies for industrial print manufacturing and, b) be the go-to supplier of choice for OEMs for their turnkey solutions or for individual components to enable them to build their own solutions; (3) In January 2021, it acquired HYBRID Software, a provider of enterprise software (ES) for the graphic arts industry, with a strong focus on labels & packaging; (4) GG aims to maintain legacy revenue streams while collaborating as a group to deliver turnkey digital front end (DFE) and enterprise workflow automation to digital print OEMs; (5) After the acquisition of HYBRID Software, GG has become the only vertically integrated supplier to the market and can derive captive margins for group products by integrating them into end-user products; (6) c. 30% of revenue is directed toward research and development (R&D) expenditure. The company has 80 developers and at least 10 of them hold Ph.D. degrees; (7) GG is looking to raise funds from institutional shareholders via private placement followed by a potential future capital increase if needed to increase liquidity and to fuel its plan of accelerated innovation and revenue growth; (8) The company has been awarded various recognitions and accolades.

**Key Risks:** (1) GG's chairman has indirect ownership of 82.12%, which poses the risk of shareholder influence on the company's business operations and illiquidity for trading in its shares, and (2) GG's revenue is driven by its proprietary technology and business performance is dependent on its intellectual property (IP) protection.

**Valuation and Assumptions:** Based on its due diligence and valuation estimates, Arrowhead believes that GG's fair share value lies in the EUR 6.2 to EUR 6.5 bracket, calculated using a blended valuation method, with 90% weighting to the discounted cash flow (DCF) method and 10% weighting to valuation based on an EV/EBITDA multiple. Our DCF model suggests a fair value bracket of EUR 5.6 to EUR 5.9, while a relative valuation

**Table of Contents**

|  |           |
|--|-----------|
| <b>1. INVESTMENT THESIS</b>  | <b>3</b>  |
| <b>2. BUSINESS OVERVIEW</b>  | <b>5</b>  |
| 2.1 Operating Subsidiaries   | 6         |
| 2.2 Business Model   | 8         |
| 2.2.1 Segments   | 8         |
| 2.2.2 Key Products   | 9         |
| 2.2.3 Acquisition of HYBRID  | 10        |
| 2.3 Financial Overview   | 12        |
| 2.3.1 By Segment   | 12        |
| 2.3.2 By Source  | 13        |
| 2.3.3 By Geography   | 15        |
| 2.4 Company Milestones   | 16        |
| 2.5 Corporate Strategy and Future Outlook                            | 17        |
| 2.5.1 Strategy   | 17        |
| 2.5.2 Outlook  | 18        |
| 2.6 Company Premiums   | 19        |
| 2.7 Company Risks  | 20        |
| 2.8 Shareholding Pattern   | 20        |
| 2.9 Listing and Contact Details                                      | 21        |
| <b>3. NEWS</b>   | <b>22</b> |
| <b>4. MANAGEMENT AND GOVERNANCE</b>                                  | <b>25</b> |
| <b>5. INDUSTRY OVERVIEW</b>  | <b>26</b> |
| 5.1 Labels & Packaging   | 26        |
| 5.1.1 Inkjet as an Enabler of Digital Printing of Labels & Packaging | 27        |
| 5.2 Additive Manufacturing   | 27        |
| 5.3 Digital Printing of Ceramics                                     | 29        |
| 5.4 Digital Textile Printing   | 29        |
| <b>6. VALUATION</b>  | <b>31</b> |
| 6.1 Discounted Cash Flow Method                                      | 31        |
| 6.2 Relative Valuation   | 32        |
| 6.3 Blended Valuation  | 32        |
| <b>7. APPENDIX</b>   | <b>35</b> |
| 7.1 GG's Financial Summary   | 35        |
| 7.2 GG's Balance Sheet Forecast                                      | 36        |
| <b>8. ANALYST CERTIFICATIONS</b>                                     | <b>37</b> |
| <b>9. NOTES AND REFERENCES</b>                                       | <b>38</b> |

## 1. Investment Thesis

Arrowhead is initiating coverage of GG with a fair value of EUR 6.2 per share in the low bracket scenario and EUR 6.5 per share in the high bracket scenario, using DCF and relative valuation methodologies.

***GG is the only vertically integrated supplier to the market, and it aims to capitalize on the opportunity created by the shift from analogue methods to digital printing. The company plans to capture new geographies and cross-sell its products, powered by the acquisition of HYBRID and backed by its accelerated innovation focus...***

***Strong focus on innovation to develop new technologies and products to fulfill the new and emerging demands of the industry; efforts recognized with various awards and accolades***

GG states that it is the only full-stack supplier and one-stop shop for all critical core technologies for the industrial inkjet industry. It plans to capitalize on opportunities in the emerging fields of turnkey DFE solutions and enterprise workflow automation. The company continuously invests in innovation to devise new technologies and products with c. 30% of revenue directed toward R&D expenditure, and c. 30% of the workforce are developers (latest head count at 258). The company has 80 developers and at least 10 of them hold Ph.D. degrees.

The company has won various awards, including a) the 2021 Buyers Lab (BLI) Outstanding Innovation Award in Production Print from Keypoint Intelligence for its Direct range, b) the 2020 Queen's Award for Enterprise, recognizing innovation in developing ScreenPro™, c) the Printing Industries of America InterTech™ Technology Award for PrintFlat™, d) the Printing Industries of America InterTech™ Technology Award for ScreenPro™, e) the 2021 FTA Award for Intelligent Flexo, a breakthrough module in CLOUDFLOW, f) the 2020 FTA Technical Innovation Award for CLOUDFLOW Patchplanner and g) the 2020 InterTech™ Technology Award for the Navigator DFE.

***GG plans to capture the market in the growing packaging segment, sustainable textiles segment and emerging additive manufacturing, and has set a revenue growth target of 2x in five years***

The global packaging industry is expected to grow from USD 876 bn in 2020 to USD 1.1 tn in revenue by 2030, which is likely to be c. two thirds of the global print market. Ceramics is currently the largest user of industrial inkjet equipment and components in the world, where 90% of manufacturing has converted to inkjet over a 10-year period. The global ceramic tiles market is projected to increase to USD 91.1 bn by 2027. Adoption of single-pass inkjet is rising for textiles, where global digital production has increased from 6% to 10% in just one year (2020), driven by the pandemic. Additive manufacturing is expected to rise at a rate of 14.4% to reach USD 26.7 bn by 2027.

GG has set a revenue target of EUR 45-50 mn for FY 2021 and plans to increase it to EUR 100 mn by FY 2026. Additionally, the company has set an EBITDA target of EUR 35 mn by FY 2026. The plan is to achieve the growth target through a contribution of c. 75% from organic growth and 25% from future acquisitions.

The company is actively looking for institutional shareholders for private placement followed by a capital increase to fuel its plan of accelerated innovation and revenue growth.

***GG acquired HYBRID in January 2021 to capture the opportunity created by automated production in the packaging segment***

The onboarding of HYBRID has added capabilities such as a) a larger base of end-user customers in the growing labels & packaging segment, b) entry into the ES space with powerful workflow automation integrated with manufacturing systems, c) captive margins for group products, such as Harlequin®, which are integrated into end-user products, d) revenue models for end users and OEMs, including subscriptions, Software-as-a-Service (SaaS), and software rental and e) development experience in turnkey products to augment GG's OEM technology development.

Before the acquisition, GG's customer base was mainly OEMs, i.e., customers who manufacture package, ceramics, textiles and 3D printing. However, HYBRID's customers are predominantly end users, i.e., companies creating packaging files and packaging converting companies. After the acquisition of HYBRID, GG has become the only vertically integrated supplier to the market and its group companies are technology leaders in their respective market segments.

***Tapping new markets and adding new customers through its geographically widespread sales team while reducing its dependency on a few prominent customers***

The HYBRID acquisition has doubled GG's headcount and revenue and allows the company to further develop its digital print strategy with a complete offering of products and solutions targeted across markets and geographies. HYBRID has added the key asset of specially trained employees who have been selling directly to end users in all major markets worldwide by providing support, training and integration services. The local sales and support teams with application-specific knowledge of labels & packaging represented a key value driver for the acquisition. The company has 45 salespeople and 85 support personnel and plans to add to the team as needed for opportunistic growth.

HYBRID's customers are worldwide, with 40-50% of revenue share accounted for by the European Union (EU). The acquisition is strategically important for GG as HYBRID has a large end-user customer base in the growing labels & packaging market and brings ES technology and solutions to the company.

HYBRID's top 10 customers contribute 30% to its top line, thus helping GG to reduce its dependency on a few significant customers for its revenue. Moreover, the higher mix of the high-margin software revenue contribution of HYBRID is expected to improve the company's gross margins.

***GG to focus on developing and growing a sustainable business***

The company is equally committed to sustainability. Inkjet is inherently sustainable and environment-friendly due to its wide compatibility, while focus industries cause minimal waste. Textiles offer the benefit of saving on water and electricity in comparison to pigmented dyes and weaving, and packaging offers just-in-time production of materials, thus minimizing inventory-related wastage. Additionally, Global Graphics Software and Meteor have switched to renewable energy sources. GG aims to be carbon neutral by the end of 2021 as its Board of Directors (BoD) has approved a carbon-offset scheme based on tree plantation, with an objective to neutralize the impact created by business activity and related travel.

***...however, certain risks could impede its growth plans***

***Concentration of substantial percentage of ownership with one shareholder***

GG's chairman, Guido Van der Schueren, has obtained 82.12% of the company's voting rights through his controlling stake in Congra Software (Congra) after the acquisition of HYBRID. Thus, the stake for other shareholders, who had a voting right of 49.9% prior to the transaction, was reduced to just 17.84% after the issuance of new shares. Mr. Van der Schueren's indirect holding provides him with the ability to exercise significant influence over matters such as a) decisions requiring shareholder approval, b) management and corporate policies such as strategies, dividend policy and capital expenditure plans, c) trading volume and the market price of shares creating an impact on the value of investments and d) business decisions such as acquisition, merger, consolidation, takeover and change in control. However, as a mitigation effort, the company has three independent directors.

***Business performance is contingent on security of company's network and systems***

GG's operations are dependent on information technology systems, which include internet-based systems and thus are prone to breakdowns, intrusions, breaches and attacks. This creates a risk of losing important information belonging to both the company and its related third parties. Exposure of GG's IP-related information may result in the company losing its competitive advantage, as its product development is based on its IP technological know-how.

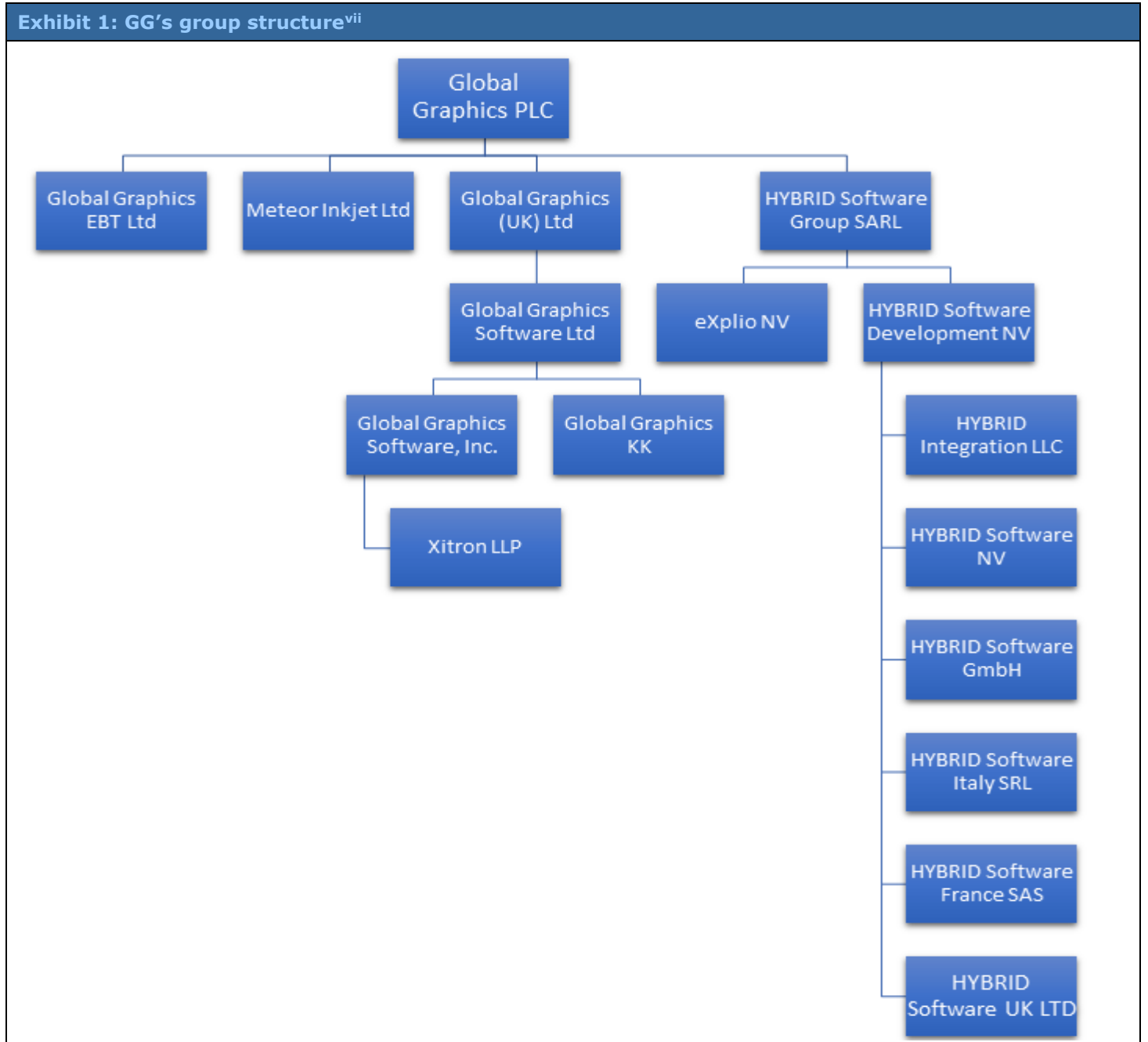
***Investment thesis conclusion***

GG has a lucrative opportunity to cater to new and emerging demands in a developing and growing digital printing and graphic arts industry. It has identified the focus industry of labels & packaging and is working toward integrated solutions to fulfill the need of its customers while also capturing new markets. Its ambitious revenue and EBITDA targets are to be driven by a combination of organic and acquisition strategies, and it is also focusing on continued innovation to differentiate itself from competitors. However, such efforts have capital raising requirements; the company is actively looking for institutional shareholders but is faced by the hindrance of a concentration of ownership in the company's shares. Additionally, it needs to protect its technological know-how while overcoming the barriers related to supply chain restraints caused by disruptive trade agreements.

**2. Business Overview<sup>vi</sup>**

GG, a public limited-liability company, is registered in England and Wales and is traded on Euronext Brussels under the stock code "GLOG." GG's traditional customers are OEMs, through which the company delivers technological developments used for printing and manufacturing a diverse range of goods. It manufactures food labels & packaging, textiles, floor tiles, wall coverings, additive manufacturing and 3-D printing applications, among other goods.

The company currently holds interests in 16 entities on a consolidated level.



GG states that it is the only full-stack supplier and one-stop shop for all critical core technologies for the industrial inkjet industry. The company continuously invests in innovation to devise new technologies and products with c. 30% of

revenue directed toward R&D expenditure, and c. 30% of the total workforce are developers. The company has 80 developers and at least 10 of them hold Ph.D. degrees, emphasizing GG's focus on R&D and developing improvised product. Additionally, the company plays an active role on industry standards committees and has a portfolio of patents across various areas of printing technology.

GG has major, large OEMs as customers. In FY 2020, 52.5% of its revenue was contributed by 10 customers. The company's single largest customer in Printhead Solutions represented 22.4% of its revenue. Two customers, one in the Software segment and one in Printhead Solutions, were responsible for at least 10% of total revenue and contributed EUR 7.4 mn in FY 2020. However, the acquisition of HYBRID partially mitigates the risk of dependency on a relatively small number of significant customers. HYBRID has predominantly end users as customers, and its top 10 customers are accountable for only 30% of its revenue. This resulted in improvement in revenue concentration in H1 2021 with top 10 customers accounting for 39.5% and top 5 customers for 33.4%. The single-largest customer contributed 18% of revenue in H1 2021 vs 19.6% in H1 2020.

Guido Van der Schueren, the company's chairman, is also a controlling shareholder of Congra, with a 67.08% holding. This translates to his indirect holding of 82.12% in GG after the acquisition of HYBRID through his controlling stake in Congra. Previously, Congra was a holding company for the set of companies trading under the name HYBRID.

## 2.1 Operating Subsidiaries<sup>viii</sup>

GG develops integrated electronics and software platforms for digital printing and industrial inkjet through its four operating subsidiaries:

### 1) Global Graphics Software

- Developers of software for high-speed digital printing, used by press manufacturers (OEMs)
- 70 employees; four locations worldwide; 200+ customers, mainly OEMs; EUR 10 mn revenue in 2020
- Trusted partner for largest industry OEMs for more than 30 years
- Efficient software to lower the hardware cost even for high-speed printers
- Deep technical expertise to help partners adopt new technology and launch new products faster
- Continuous innovation to improve speed and quality of all digital printing devices
- Key products – Harlequin®, Mako, ScreenPro, PrintFlat and Direct

Its awards include:

- 2021 BLI Outstanding Innovation Award in Production Print from Keypoint Intelligence for Direct range (announced on October 5, 2020)
- Queen's Award for Enterprise, recognizing innovation in developing ScreenPro™ (announced on April 21, 2020)
- Printing Industries of America InterTech™ Technology Award for PrintFlat™ (announced on July 26, 2019)
- Printing Industries of America InterTech™ Technology Award for ScreenPro™ (announced on August 1, 2018)

### 2) HYBRID (acquired in January 2021)

- Developers of editing and workflow automation software for labels & packaging, used by brand service companies and packaging printers & converters
- 115 employees; nine locations worldwide; 1,000+ customers, mainly end users; EUR 16.8 mn pro forma revenue in 2020
- Long-term partnerships with loyal end-user customer base
- Local packaging experts handling sales, training and support in major global markets
- Specialized products for labels & packaging production based on open standards
- Enterprise focus with growing recurring revenue component
- Key products – PACKZ, Stepz and CLOUDFLOW

Its awards include:

- 2021 FTA Award for Intelligent Flexo, a breakthrough module in CLOUDFLOW (announced on November 5, 2021)
- FLAG Vendor Partner of the Year, awarded by Flexo Label Advantage Group (announced on October 22, 2020)
- 2020 FTA Technical Innovation Award for CLOUDFLOW Patchplanner (announced on April 23, 2020)
- Printing Industries of America InterTech™ Technology Award for VDP (announced on July 24, 2019)

3) Meteor (acquired in December 2016)

- Specialists in industrial printhead driver solutions, used by inkjet press manufacturers (OEMs)
- 40 employees; three locations worldwide; 175+ customers, mainly OEMs; EUR 10 mn revenue in 2020
- Dynamic and growing company in the heart of the inkjet industry
- Close partnerships with major industry printhead manufacturers and equipment vendors
- Tightly integrated electronics and software eases adoption by OEMs
- Common software foundation makes printhead changes easy as technology evolves
- Key products – printhead drive electronics, data path software development kits, development kits for new inkjet OEMs containing hardware and software, integrated print engine controllers, DropWatcher™ and waveform development tools and purpose-built DFEs for various printing applications

Its awards include:

- Queen's Award for Enterprise (announced on April 23, 2019)

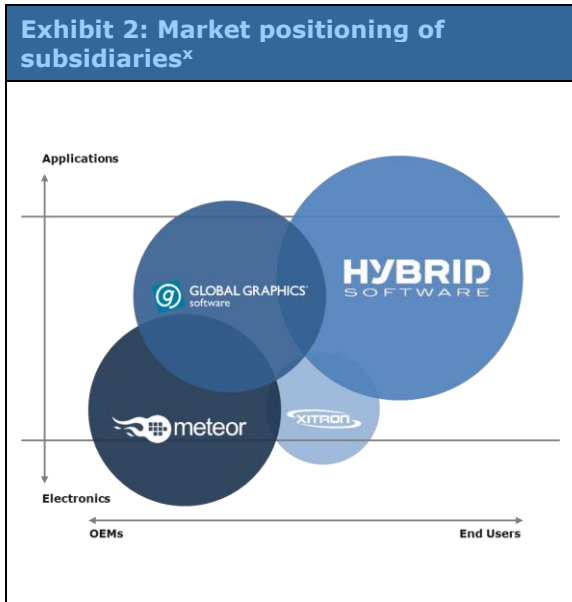
4) Xitron (acquired in November 2019)

- Largest distribution channel for Global Graphics Software's Harlequin® RIP (raster image processor) and developer of production DFEs and workflow solutions
- 25 employees; two locations worldwide; 8,000+ customers, mainly end users; EUR 4 mn revenue in 2020
- Oldest group company, established in 1977
- Worldwide partner network for sales and end-user support
- Experienced engineering resources for in-line print manufacturing installations
- Mix of end-user and OEM sales, which complements Meteor's OEM footprint
- Key products – Navigator RIP, Navigator DFE and Navigator Workflow

Its awards include:

- 2020 InterTech™ Technology Award for DFE (announced on September 22, 2020)
- Awarded Patent for Innovative USB-SCSI Interface (announced on November 5, 2018)

## 2.2 Business Model<sup>ix</sup>



The needs of customers are evolving as the inkjet industry matures, where OEMs require solutions to help them launch products faster, instead of individual hardware and software components that must be integrated.

GG's business model focuses on directly licensing software technology to OEMs and system integrators of digital printing equipment, to developers of applications that create, manipulate and manage electronic documents, and to end users who print and convert labels and packaging materials.

Meteor's printhead driver solutions can drive all leading inkjet heads and are sold directly to the manufacturers of the printing devices. Finally, Xitron's RIPs and DFE solutions are sold both to OEMs and directly to end users through their worldwide partner network.

Consequently, the company's printing technology is used by industry-leading brands of digital pre-press systems, high-speed digital production presses, professional color proofing devices, wide-format color printers and industrial inkjet systems for ceramic tiles, packaging, product decoration, textiles and 3-D printing.

GG has traditionally been focused on its RIP software business. Harlequin® RIP represents a significant portion of the company's revenue. However, the RIP market has now matured. Most of the OEMs have already chosen a supplier and market needs are changing rapidly. Therefore, to broaden its business model, the company acquired HYBRID in January 2021.

HYBRID has acted as an additive to GG's existing business model through additional capabilities and no adverse effects on the products, channels or markets already served by Global Graphics Software, Meteor and Xitron.

There is synergy between the end-user sales made by HYBRID and Xitron and the OEM sales made by Global Graphics Software and Meteor where the products are properly designed and integrated and each sale channel supports the other. GG is a collection of four inter-related businesses and plans to deliver turnkey products to unlock more value. For example, SmartDFE launched in Q2 2021 is the first product co-developed by all four companies.

The scope of the business model has broadened through inclusion of the following capabilities:

- Larger base of end-user customers, especially in the growing labels & packaging segment
- Entry into the ES space with powerful workflow automation integrated with manufacturing systems
- Captive margins for group products, such as Harlequin®, which are integrated into end-user products
- New revenue models for end users and OEMs, including subscriptions, SaaS and software rental
- Development experience in turnkey products to augment GG's OEM technology development

### 2.2.1 Segments<sup>xi</sup>

The company's segments include:

- Printing Software – for digital printing software
- Printhead Solutions – for electronics and software developed for industrial inkjet printing
- Enterprise Software – for enterprise workflow software used primarily for the production of labels & packaging

In May 2020, GG sold its entire Fonts segment following a strategic decision to focus on the industrial printing market and focus on the company's core competencies of printing software and device electronics.



## **Printing Software**

Graphic designs need to be broken down into vector data (mathematical drawing algorithms), raster data (image pixels) and/or screened data (calibrated areas of ink or pigment representing image data) before being printed or displayed. GG develops software components and workflow solutions for high-speed digital printing for a variety of applications, such as photo books, labels & packaging, interior decor, textiles and ceramics. Solutions are typically licensed under technology agreements and reseller agreements.

The product range includes Harlequin® Host Renderer (HHR), ScreenPro™, Mako™ software development kit (SDK), Direct, Fundamentals™, Navigator Harlequin® RIP and Workflow, and Navigator DFE. Customers include Hewlett Packard, Mimaki, Mutoh, Canon, Durst, Roland, Agfa, Kodak, Kirk-Rudy, Postmark, Ryobi, Mitsubishi, Memjet, Presstek, Printware and Neopost.

## **Printhead Solutions**

Meteor develops and supplies driver electronics, software, tools and services for industrial inkjet systems. The industrial inkjet market includes ceramic tiles, packaging, functional & 3-D printing, product decoration and textiles. GG's software and proprietary driver electronics send data to printheads inside inkjet devices to control the printing process. Printheads are a component of an inkjet press and generally contain multiple nozzles for jetting ink or other fluids onto substrates.

GG identifies inkjet printer development projects through major industrial printhead manufacturers, which include vendors such as Xaar, FUJIFILM Dimatix, Kyocera, Konica Minolta, Toshiba TEC, SII, Ricoh, Epson and Xerox. The company develops electronics and software drivers for new printhead models and partners with printhead manufacturers and OEMs to accelerate their route to production.

GG states that its solutions reduce development risk and time to market for manufacturers building new industrial inkjet presses. Its customers include Mark Andy, a leading label equipment manufacturer in the US, Hymmen, a leading printed laminate equipment manufacturer in Germany, and China's leading ceramic tile decoration equipment manufacturer.

The products comprise a) electronics to drive industrial printheads, b) application-tuned Meteor DFE or bespoke software using a Meteor Software Development Kit and c) tools and services such as DropWatcher™.

## **Enterprise Software**

This segment has been added in FY 2021 due to addition of HYBRID, a software development company focused on innovative productivity tools for the graphic arts industry, predominantly print service providers and converters in the labels and packaging segments. HYBRID's workflow software, editing software and integration products offer a unique set of advantages that include native PDF workflows, vendor-independent solutions based on industry standards, scalable technology, and low total cost of ownership. Its products are used worldwide by customers in all areas of pre-press and printing, including labels & packaging, folding cartons, corrugated, wide-format and digital printing.

This acquisition is strategically important for GG because HYBRID has a large end-user customer base supported by a worldwide sales-and-service organization in the growing labels & packaging market and brings enterprise software technology and solutions to GG. The acquisition allows GG to further develop its digital print strategy with a more complete offering of products to access new markets and potential customers.

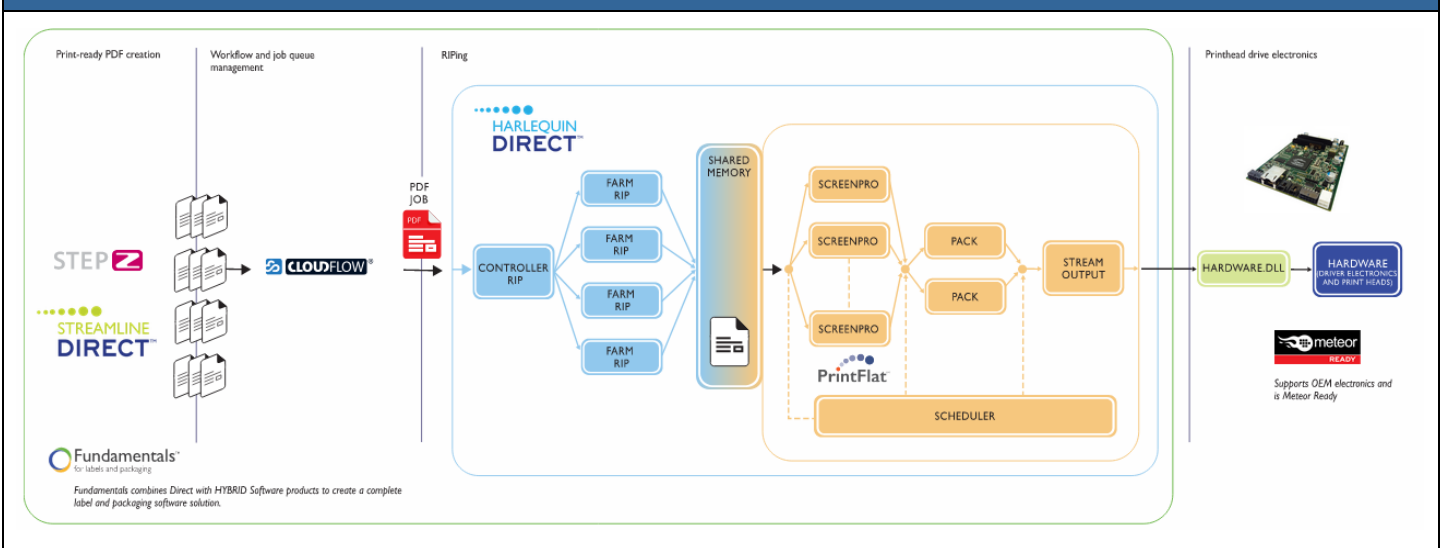
### **2.2.2 Key Products<sup>xii</sup>**

GG's key products and technologies are:

- HHR: Software that converts text and image data from many file formats including PDF, TIFF™ or JPEG into a format that a printing device such as an inkjet printhead, toner marking engine or laser plate-setter can understand
- ScreenPro™: Software that converts continuous tone image data into ready-to-print halftone (dots of varying size and spacing) in real time
- Mako™ SDK: Software that creates, RIPs, converts, analyses, and optimizes many different page description languages. It allows print software developers full control over color, fonts, text, images, vector content and metadata
- Direct: Software that drives print data directly to the printer electronics instead of buffering them on mass storage devices
- Fundamentals™: A bundle of PDF creation and workflow software for labels & packaging

- Printhead electronics: Electronics to drive industrial inkjet heads accompanied by software to provide a toolset for building industrial printing devices
- DropWatcher™: Turnkey tools for analyzing and tuning ink drops in flight, with associated waveform services for ink characterization and waveform optimization
- Navigator Harlequin® RIP and Workflow: Software that provides prepress environments with interpretation of PostScript, PDF and EPS format files
- Navigator DFE: Software that helps prepare jobs, manage color and the workflow to drive electronics
- CLOUDFLOW: A modular production workflow suite for file processing, asset management, soft proofing and workflow automation
- PACKZ: A professional PDF editor for labels & packaging workflows

**Exhibit 3: Products offered<sup>xiii</sup>**



**2.2.3 Acquisition of HYBRID<sup>xiv</sup>**

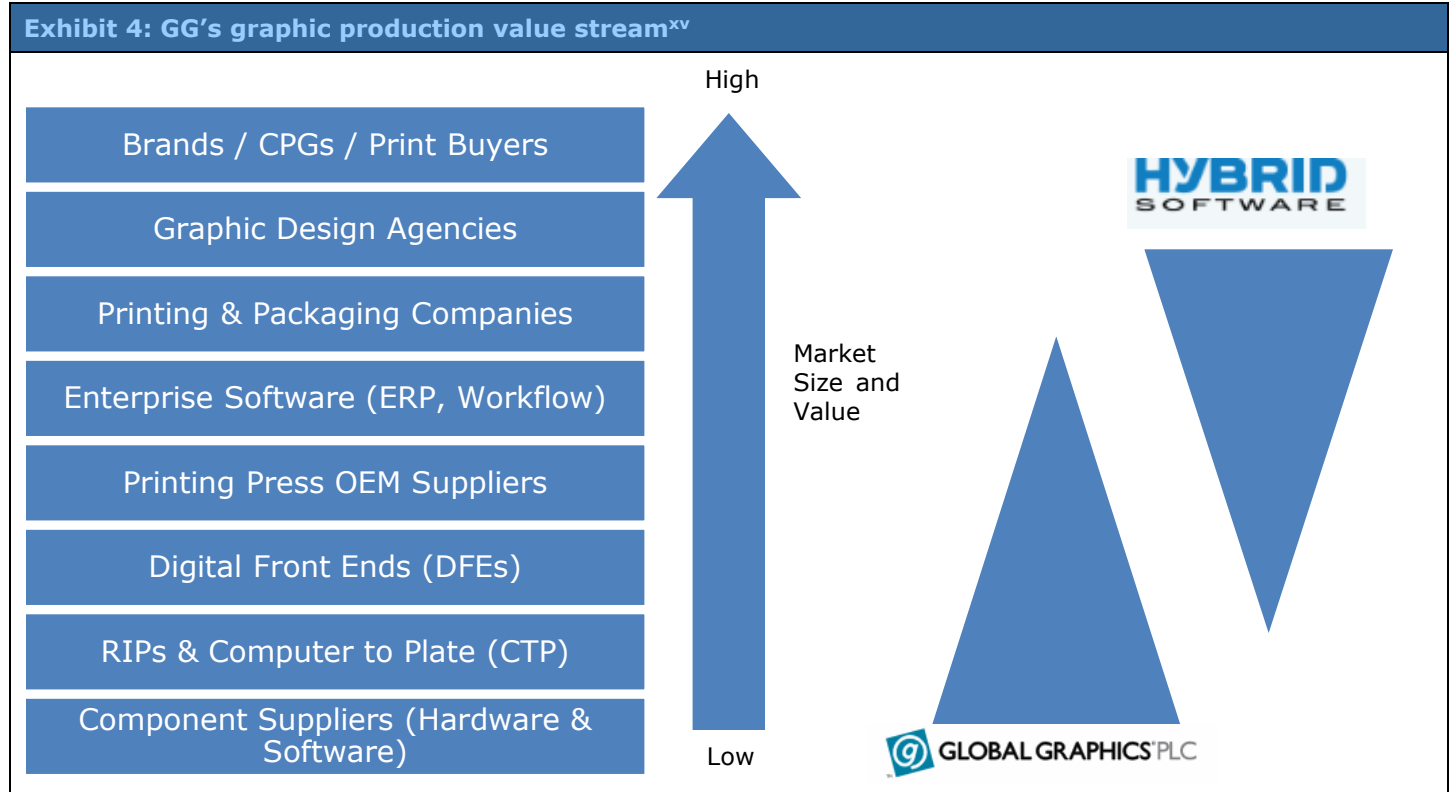
The businesses of GG’s OEM customers were adversely affected in 2020; however, the labels & packaging segment flourished in the fields of run length and stock-keeping unit (SKU) count. GG plans to capture the opportunity created by rapid transition to automated production, and hence acquired HYBRID on January 12, 2021 for a consideration price of EUR 80 mn fulfilled by issuing 21.1 mn shares of GG to Congra.

HYBRID, a group of software development and marketing companies, offers ES for the graphic arts industry and has a strong focus on labels & packaging. Congra was a holding company for this set of companies, in which the operating subsidiaries used to trade under the name of HYBRID.

The acquisition of HYBRID has made GG a single provider of all core technologies, both electronics and software, required to drive digital printing equipment. The acquisition of HYBRID Software brought extensive expertise in labels and packaging, a worldwide sales and technical organization, a growing recurring revenue component, and most importantly, a very profitable end-user sales presence to the group.

Before the acquisition, GG’s customer base was mainly OEMs, i.e., customers who manufacture package, ceramics, textiles and 3D printing, while HYBRID’s customers are predominantly end users, i.e., companies creating packaging files and packaging converting companies. HYBRID’s top 10 customers contribute 30% to its top line, thus helping GG to reduce its dependency on a few significant customers for the company’s revenue. Moreover, the higher mix of the high-margin software revenue contribution of HYBRID is expected to improve the company’s gross margins.

HYBRID’s customers are worldwide, with 40-50% of revenue share contributed by the EU. The acquisition is strategically important for GG because HYBRID brings ES technology and solutions to the company along with a large end-user customer base. The acquisition allows GG to further develop its digital print strategy with a more comprehensive product offering, which will help the company to tap new geographies.



In addition, HYBRID’s acquisition has addressed the following challenges:

- Harlequin® faced stiff competition and price pressure from other RIP suppliers. The acquisition provides GG with access to products and segments that relied on Harlequin® but added significant additional value and delivered higher prices and margins
- GG previously was a technology supplier and not a product manufacturer, thus it missed out on the higher margins. After the acquisition, GG has developed the capability of supplying turnkey solutions to end-user customers
- Labels & packaging comprise a fast-growing segment for digital printing that requires specialized knowledge and advanced software solutions. HYBRID has the required expertise, offered related products and enhanced GG’s technology portfolio
- GG was finding it difficult to accommodate the demand by OEMs and end users for new business models, which included SaaS and subscriptions in addition to perpetual licensing agreements, as the segment was already under price and margin pressure. The addition of HYBRID has enabled GG to grow the breadth and value of its own products and derive benefits from the sales models and SaaS-based licensing practices owned by HYBRID
- Onboarding HYBRID added the key asset of specially trained employees who were selling directly to end users in all major markets worldwide by providing support, training and integration services. The local sales and support teams with application-specific knowledge of labels & packaging represented a key value driver for the acquisition. The company has 45 salespeople and 85 support personnel and plans to add to the team as needed for opportunistic growth

## 2.3 Financial Overview<sup>xvi</sup>

### 1H 2021

Revenue, at EUR 23.8 mn, doubled from EUR 11.9 mn in H1 2020 mainly because of the acquisition of HYBRID. Gross profit, at EUR 19.7 mn, improved from EUR 9.5 mn in H1 2020 with gross margin at 82.6% in H1 2021 vs 79.8% a year earlier because of the higher mix of software-related sales during H1 2021, particularly higher-margin sales to end-users by HYBRID. EBITDA reported at EUR 5.8 m vs EUR 3.9 mn a year earlier. Cash stood at EUR 13.6 mn vs EUR 6.9 mn a year earlier.

The company started 2021 with acquisition of HYBRID where it brought a key OEM customer to the group and that helped GG to retain all HYBRID sales rather than just royalties from Harlequin RIP licensed to HYBRID. Its consolidation resulted in group revenue of EUR 23.8 mn in H1 2021 with HYBRID's contribution at EUR 10.4 mn and EBITDA margin at 35%, thus improving the overall position of the group. Further, cashflow from operations improved from EUR -0.2 mn in H1 2020 to EUR 7.5 mn in H1 2021.

Meteor continued to register strong sales in the Chinese ceramics market. Additionally, its sales outside of China continued to grow, driven by increased orders from existing customers worldwide and new customers in 3D-printing and additive manufacturing segment.

Xitron's sales benefitted from increased OEM business and end users upgrading older Navigator RIPs to the newest version built on Harlequin V13.

Global Graphics Software has an uptick in royalties from key OEM customers, however, royalties are not reported until printing devices are installed and signed off by customers. There is no major contract renewal due in 2021 and cancellation of Drupa trade show has postponed some new product announcements by OEM customers.

### FY 2020

GG reported revenue of EUR 22.5 mn in FY 2020, an increase of 21.7% from EUR 18.5 mn in FY 2019. Its gross profit stood at EUR 17.3 mn in comparison to EUR 15.0 mn in FY 2019. EBITDA in FY 2020 increased from EUR 2.3 mn in FY 2019 to EUR 4.7 mn in FY 2020. Net profit from continuing operations reported at EUR 1.8 mn with one-time gain of EUR 4.2 mn in FY 2020 due to disposal of Fonts business, in comparison with net loss of EUR 0.4 mn in FY 2019.

The subsidiaries' contribution of revenue in FY 2020 was EUR 10 mn for Global Graphics Software, EUR 10 mn for Meteor and EUR 4 mn for Xitron.

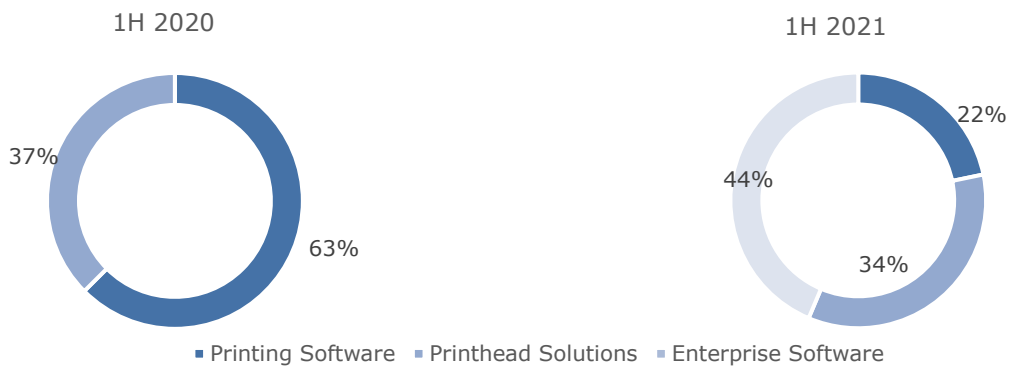
Pro forma revenue for HYBRID stood at EUR 16.8 mn in FY 2020 with gross profit at EUR 16.3 mn. Operating profit was EUR 3.8 mn and net profit totaled EUR 3.2 mn. The addition of HYBRID to the company has almost doubled its top line and headcount, with pro forma revenue at EUR 39.1 mn and gross profit at 33.5 mn. Operating profit stood at EUR 3.1 mn and net profit at EUR 7.0 mn.

### 2.3.1 By Segment<sup>xvii</sup>

#### 1H 2021

Printing Software contributed revenue of EUR 5.2 mn for H1 2021 vs EUR 7.4 mn for H1 2020 as a customer exercised an option in their contract which extended the contact and resulted in recognition of EUR 2.3 mn in H1 2020. Printhead Solutions' revenue stood at EUR 8.2 mn for H1 2021 vs EUR 4.5 mn for H1 2020. Revenue from Enterprise Software was reported at EUR 10.4 mn in H1 2021.

**Exhibit 5: Revenue contribution by segment<sup>xviii</sup>**

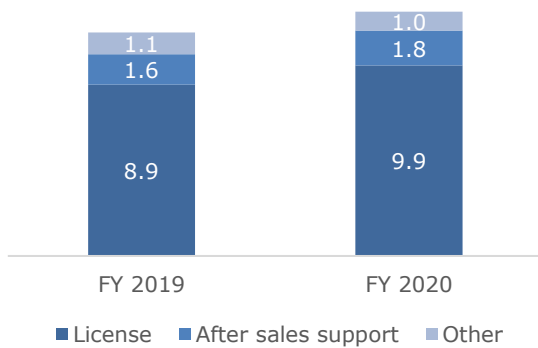


Note: The above chart does not include revenue contribution from the Fonts segment as it has been discontinued.

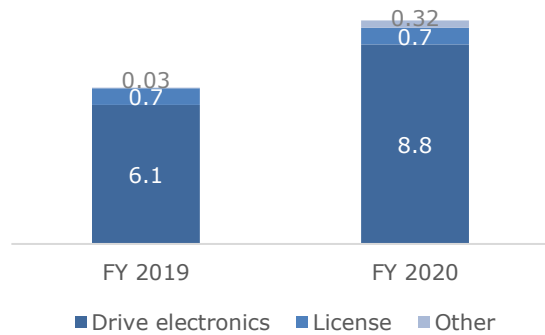
**FY 2020**

Printing Software contributed revenue of EUR 12.7 mn for FY 2020 vs EUR 11.6 mn for FY 2019, while Printhead Solutions revenue stood at EUR 9.8 mn for FY 2020 vs EUR 6.9 mn for FY 2019. The Fonts segment was discontinued toward the end of FY 2020, contributing revenue of EUR 0.6 mn in FY 2020 and EUR 4.0 mn in FY 2019.

**Exhibit 6: Revenue type for Software (EUR mn)<sup>xix</sup>**



**Exhibit 7: Revenue type for Printhead Solutions (EUR mn)<sup>xx</sup>**



**2.3.2 By Source<sup>xxi</sup>**

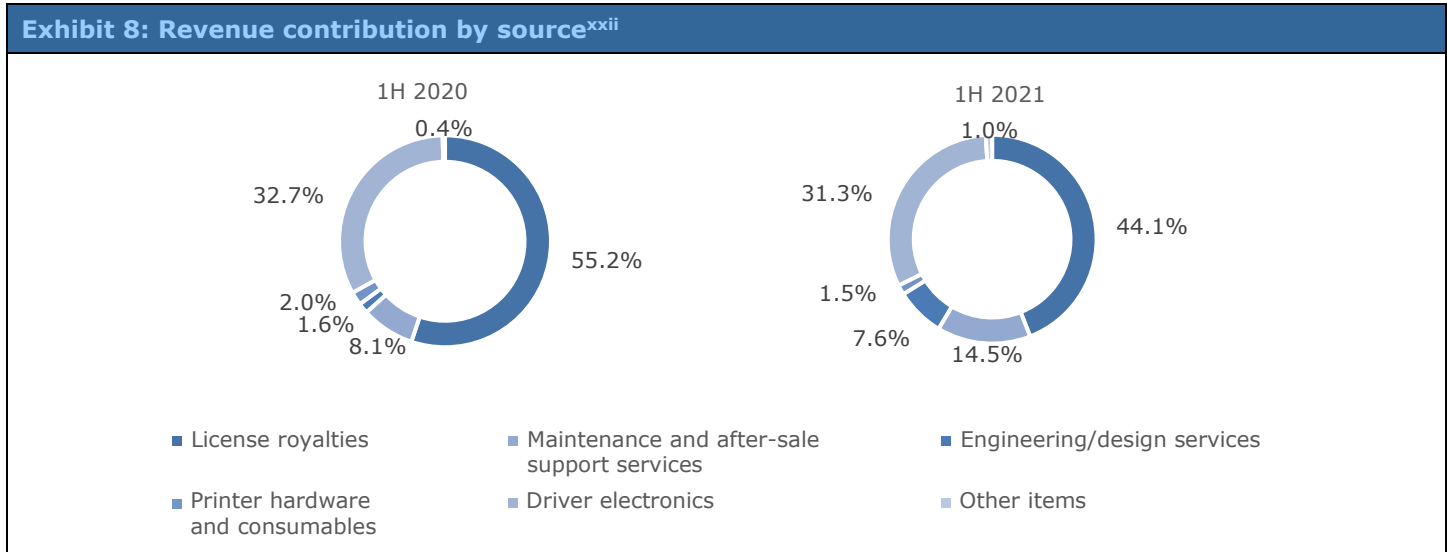
**1H 2021**

The revenue contribution from license royalties stood at EUR 10.5 mn for H1 2021 (EUR 6.4 mn for H1 2020), of which Printing Software contributed EUR 3.8 mn in H1 2021 vs EUR 6.0 mn in H1 2020; Printhead Solutions contributed EUR 0.5 mn in H1 2021 vs EUR 0.3 mn in H1 2020; Enterprise Software contributed EUR 6.2 mn in H1 2021.

Maintenance and after-sale support services reported revenue of EUR 3.5 mn in H1 2021 vs EUR 1.0 mn in H1 2020, of which Printing Software contributed EUR 0.8 mn in H1 2021 vs EUR 1.0 mn in H1 2020 and Enterprise Software contributed the majority portion at EUR 2.6 mn in H1 2021.

Engineering/design services contributed revenue of EUR 1.8 mn in H1 2021 vs EUR 0.1 mn in H1 2020, of which Printing Software contributed EUR 0.2 mn in H1 2021 vs EUR 0.1 mn in H1 2020; Printhead Solutions contributed EUR 0.2 mn in H1 2021; Enterprise Software contributed EUR 1.5 mn in H1 2021.

Printer hardware and consumables in the Printing Software segment reported revenue of EUR 0.3 mn in H1 2021 vs EUR 0.3 mn in H1 2020. Driver electronics in the Printhead Solutions segment reported revenue at EUR 7.4 mn in H1 2021 vs EUR 4.1 mn in H1 2020.



Note: The above chart does not include revenue contribution from the Fonts segment as it has been discontinued.

**FY 2020**

The revenue contribution from license royalties stood at EUR 10.6 mn for FY 2020 (EUR 9.6 mn for FY 2019), of which Printing Software contributed EUR 9.9 mn in FY 2020 vs EUR 8.9 mn in FY 2019; Printhead Solutions contributed EUR 0.7 mn in FY 2020 vs EUR 0.7 mn in FY 2019.

Maintenance and after-sale support services reported revenue of EUR 1.8 mn in FY 2020 vs EUR 1.6 mn in FY 2019, of which Printing Software contributed the majority portion in both FY 2020 and FY 2019.

Engineering/design services contributed revenue of EUR 0.7 mn for FY 2020 vs EUR 0.6 mn for FY 2019, of which Printing Software contributed EUR 0.4 mn in FY 2020 vs EUR 0.6 mn in FY 2019; Printhead Solutions contributed EUR 0.3 mn in FY 2020.

Printer hardware and consumables in the Printing Software segment reported revenue of EUR 0.5 mn in FY 2020 vs EUR 0.5 mn in FY 2019. Driver electronics in the Printhead Solutions segment reported revenue at EUR 8.8 mn in FY 2020 vs EUR 6.1 mn in FY 2019.

**2.3.3 By Geography<sup>xxiii</sup>**

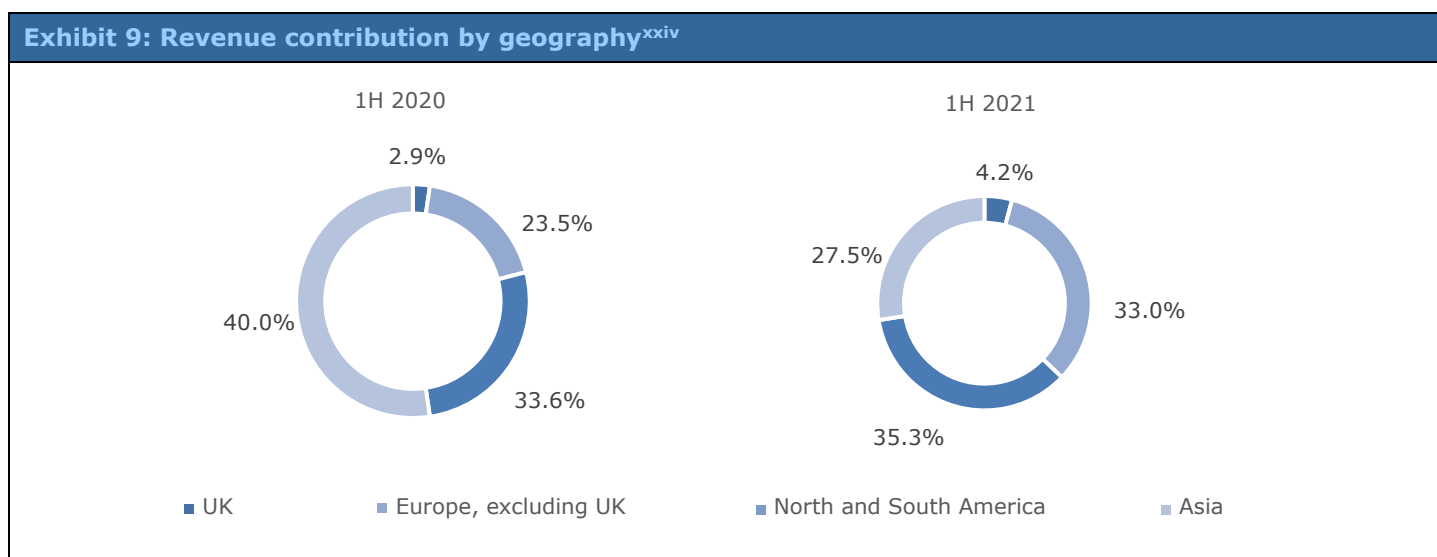
**1H 2021**

GG is well-diversified in terms of its customers’ geographical locations. The revenue contribution from the UK stood at EUR 1.0 mn in H1 2021 (EUR 0.3 mn in H1 2020), of which Printing Software contributed EUR 0.2 mn in H1 2021 vs EUR 0.2 mn in H1 2020; Printhead Solutions contributed EUR 0.2 mn in H1 2021 vs EUR 0.1 mn in H1 2020; Enterprise Software contributed EUR 0.6 mn in H1 2021.

Europe, excluding the UK, reported revenue of EUR 7.8 mn in H1 2021 vs EUR 2.2 mn in H1 2020, of which Printing Software contributed EUR 1.6 mn in H1 2021 vs EUR 1.4 mn in H1 2020; Printhead Solutions contributed EUR 1.3 mn in H1 2021 vs EUR 0.8 mn in H1 2020; Enterprise Software contributed EUR 5.0 mn in H1 2021.

North and South America contributed revenue of EUR 8.4 mn in H1 2021 vs EUR 3.2 mn in H1 2020, of which Printing Software contributed EUR 2.7 mn in H1 2021 vs EUR 2.6 mn in H1 2020; Printhead Solutions contributed EUR 1.4 mn in H1 2021 vs EUR 0.5 mn in H1 2020; Enterprise Software contributed EUR 4.3 mn in H1 2021.

Revenue from Asia, which includes Japan, stood at EUR 6.5 mn in H1 2021 vs EUR 3.8 mn in H1 2020, of which Printing Software contributed EUR 0.7 mn in H1 2021 vs EUR 0.7 mn in H1 2020; Printhead Solutions contributed EUR 5.3 mn in H1 2021 vs EUR 3.1 mn in H1 2020; Enterprise Software contributed EUR 0.5 mn in H1 2021.



Note: The above chart does not include revenue contribution from the Fonts segment as it has been discontinued.

## FY 2020

GG is well diversified in terms of its customers' geographical location. The revenue contribution from the UK stood at EUR 0.8 mn for FY 2020 (EUR 0.8 mn for FY 2019), of which Printing Software contributed EUR 0.6 mn in FY 2020 vs EUR 0.6 mn in FY 2019; Printhead Solutions contributed EUR 0.1 mn in FY 2020 vs EUR 0.2 mn in FY 2019.

Europe, excluding the UK, reported revenue of EUR 4.4 mn for FY 2020 vs EUR 5.0 mn for FY 2019, of which Printing Software contributed EUR 2.9 mn in FY 2020 vs EUR 3.5 mn in FY 2019; Printhead Solutions contributed EUR 1.4 mn in FY 2020 vs EUR 1.5 mn in FY 2019.

North and South America contributed revenue of EUR 6.7 mn for FY 2020 vs EUR 5.3 mn for FY 2019, of which Printing Software contributed EUR 5.2 mn in FY 2020 vs EUR 4.3 mn in FY 2019; Printhead Solutions contributed EUR 1.5 mn in FY 2020 vs EUR 1.0 mn in FY 2019.

Asia revenue, which includes Japan, stood at EUR 10.6 mn for FY 2020 vs EUR 7.4 mn for FY 2019, of which Printing Software contributed EUR 3.9 mn in FY 2020 vs EUR 3.2 mn in FY 2019; Printhead Solutions contributed EUR 6.7 mn in FY 2020 vs EUR 4.2 mn in FY 2019.

## 2.4 Company Milestones <sup>xxv</sup>

| Exhibit 10: FGR milestones |   |
|----------------------------|---|
| Year/Period                | Event   |
| 1986                       | <ul style="list-style-type: none"> <li>Harlequin Ltd (UK) and Harlequin Inc. (US) established</li> </ul>  |
| 1996                       | <ul style="list-style-type: none"> <li>Incorporated as Global Graphics SA in Pompey, France because of the acquisition of a privately owned group of companies, including Photomeca, a leading manufacturer of flexographic printing process pre-press equipment</li> </ul>   |
| 1998                       | <ul style="list-style-type: none"> <li>Listed on NASDAQ Europe</li> </ul>   |
| 1999                       | <ul style="list-style-type: none"> <li>Acquired UK-based Heights and Technigraph, providing GG with a leading position in the manufacturing of lithographic printing process pre-press equipment</li> <li>Acquired Harlequin Ltd in the UK and Harlequin Inc in the USA, through which the Company gains a strong foothold in the fast-growing digital printing industry</li> </ul> |
| 2000                       | <ul style="list-style-type: none"> <li>Created Xanalys, to group together Harlequin's Information Management expertise</li> <li>Acquired 5D Solutions, to penetrate the rapidly growing middle market segment (Jaws RIP and PDF)</li> <li>Acquired assets of the MaxWorkflow product line to support the company's strategy in document management and workflow</li> </ul>          |
| 2001                       | <ul style="list-style-type: none"> <li>Listed on Euronext Brussels under the symbol "GLOG"</li> </ul>   |
| 2002                       | <ul style="list-style-type: none"> <li>Disposed of the non-core Xanalys segment of business to focus on software</li> <li>Became part of Euronext Next Economy segment</li> <li>Divested the hardware segment and emerged as a pure software business</li> </ul>  |
| 2003                       | <ul style="list-style-type: none"> <li>De-listed from NASDAQ Europe</li> </ul>  |
| 2005                       | <ul style="list-style-type: none"> <li>Kelleigh Corp sold to its original founder, Leigh Jezorek</li> </ul>   |
| 2009                       | <ul style="list-style-type: none"> <li>Launched the new gDoc Range</li> <li>Signed two production print contracts</li> <li>Signed an agreement with Conexant to market office printer controller solutions</li> </ul>   |



|             |  |
|-------------|--|
| <b>2010</b> | <ul style="list-style-type: none"> <li>Incorporated Global Graphics EBT Limited, the company's UK-based subsidiary</li> <li>Closed Global Graphics Software (India) Pvt. Limited, the company's Indian subsidiary</li> </ul>   |
| <b>2012</b> | <ul style="list-style-type: none"> <li>Released version 3 of Harlequin® 'Digital' RIP (HHR)</li> <li>Released Jaws 3 RIP technology</li> <li>gDoc platform adopted by the company's channel partners</li> </ul>  |
| <b>2013</b> | <ul style="list-style-type: none"> <li>Completed legal reorganization from French Société Anonyme to a European Societas Europaea (SE)</li> <li>Changed place of registration from France to the UK</li> </ul>   |
| <b>2014</b> | <ul style="list-style-type: none"> <li>Licensed Harlequin® technology to a manufacturer of office printing devices</li> <li>Launched Harlequin® Direct Print for the light production (in-house) printing market</li> <li>Launched Harlequin® Partner Network</li> <li>Jointly developed new hybrid screens for the labels &amp; packaging market with ThermoFlexX</li> </ul>  |
| <b>2015</b> | <ul style="list-style-type: none"> <li>Acquired trade and assets of RTI Global Inc. and RIPMall Technologies Inc.</li> <li>Acquired entire issued share capital of URW++ Design &amp; Development GmbH, a font manufacturer</li> </ul>   |
| <b>2016</b> | <ul style="list-style-type: none"> <li>Acquired the entire issued share capital of Meteor</li> <li>Signed a strategic agreement with Roland DG Corporation, a leading manufacturer of wide-format inkjet printers</li> </ul>   |
| <b>2017</b> | <ul style="list-style-type: none"> <li>Acquired the entire issued share capital of Cambridge Grey Bit Limited, a R&amp;D company of software for industrial inkjet printers</li> <li>Converted from SE status to a Public Limited Company registered in England and Wales (PLC)</li> </ul>   |
| <b>2018</b> | <ul style="list-style-type: none"> <li>Transferred the sales and support of Harlequin® business to Xitron, the company's long-standing partner</li> <li>Listed on Financial Times (FT) Future100 UK companies</li> <li>Featured in London Stock Exchange (LSE) top 1,000 inspirational UK companies</li> <li>Won the Printing Industries of America InterTech™ technology award</li> <li>Dissolved Cambridge Grey Bit Limited</li> </ul> |
| <b>2019</b> | <ul style="list-style-type: none"> <li>Congra became the largest shareholder of the company</li> <li>Acquired the entire membership interest of Xitron</li> </ul>  |
| <b>2020</b> | <ul style="list-style-type: none"> <li>Sold its Font business - URW Type Foundry GmbH to Monotype</li> </ul>   |
| <b>2021</b> | <ul style="list-style-type: none"> <li>Completed the acquisition of HYBRID</li> </ul>  |

## 2.5 Corporate Strategy and Future Outlook

### 2.5.1 Strategy<sup>xxvi</sup>

GG's strategic focus is to maintain legacy revenue streams while collaborating as a group to deliver turnkey DFEs and enterprise workflow automation to digital print OEMs.

It plans to achieve the following:

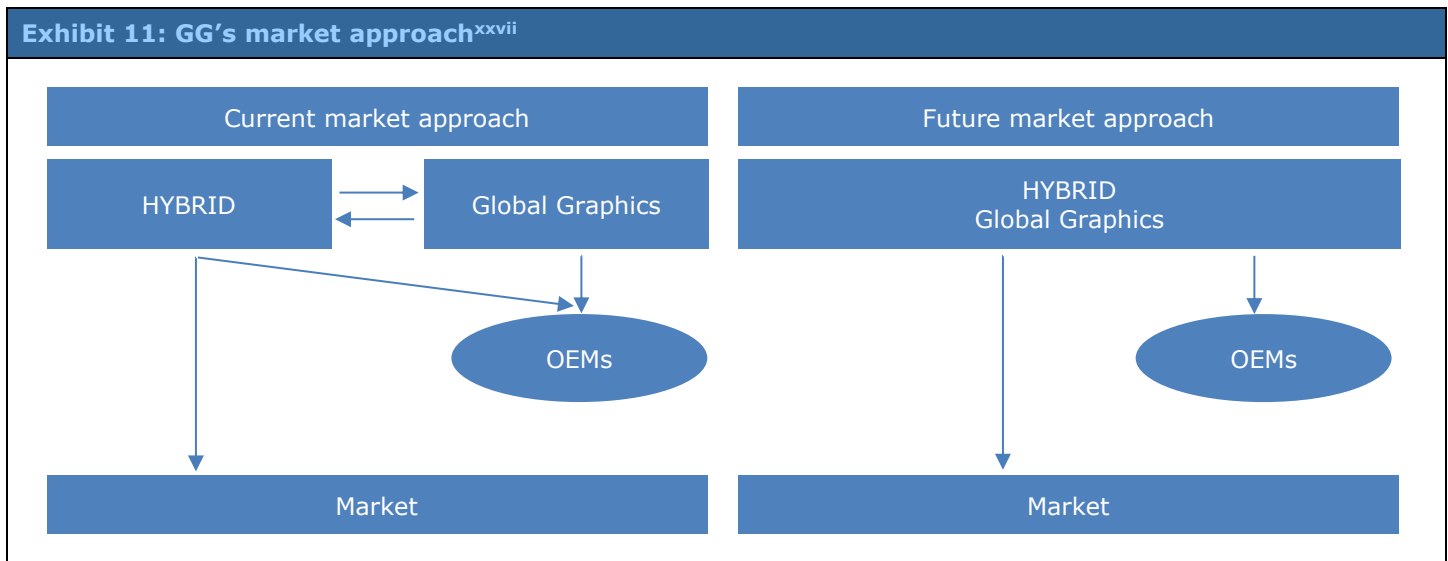
- Provide the technology to offer OEMs more integrated solutions for their production digital presses
- Increase market share in the fast-growing inkjet market
- Provide efficient and innovative ES tools for packaging production
- Expand the geographical reach of its solutions and enter new vertical markets

The company’s focus is on high-speed digital printing, which includes various applications such as labels & packaging, ceramics, interior decor and 3-D printing and additive manufacturing. Labels & packaging is a growing segment and management expects it to contribute to c. 66% of printing by 2030. The acquisition of HYBRID has resulted in an increased focus on labels & packaging, along with an end-user sales channel for GG.

GG plans to capture the opportunity created in two new fields:

- Turnkey DFE – solutions which are direct plugins into a digital press
- Enterprise workflow automation – migrating printing to a manufacturing process

The company has an opportunity in these new segments that will lead to an increase in its market share and profitability without any detrimental impact to its existing lines of business.

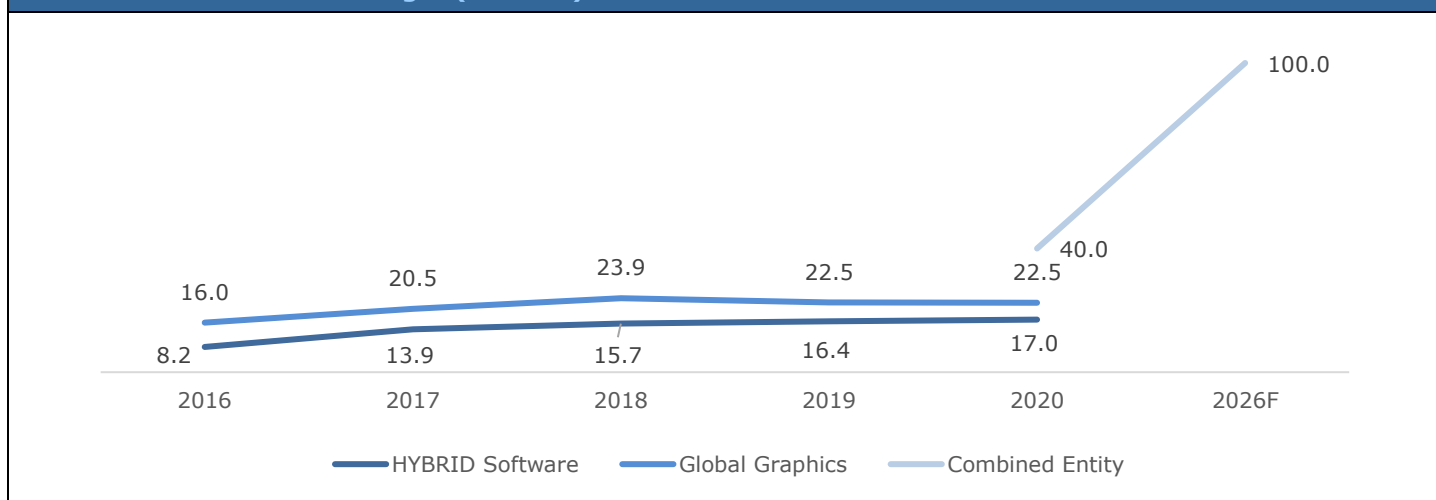


**2.5.2 Outlook<sup>xxviii</sup>**

GG’s plan is to capture the market arising from the opportunities of a) fast growth in the inkjet market across multiple sectors and b) growth potential arising as analog markets convert to digital. After the acquisition of HYBRID, GG has become the only vertically integrated supplier to the industrial inkjet industry, and its group companies are technology leaders in their respective market segments. The company’s target is to derive synergies between end-user and OEM businesses and accelerate innovation and revenue growth.

GG has set a revenue target of EUR 45-50 mn for FY 2021 and plans to increase it to EUR 100 mn by FY 2026. Additionally, the company has set an EBITDA target of EUR 35 mn by FY 2026. The plan is to achieve the growth target through a contribution of c. 75% from organic growth and 25% from future acquisitions. The company’s expansion and target growth strategy would require funding, which it plans to raise from institutional shareholders via private placement followed by a capital increase to fuel its strategy of accelerated innovation and revenue growth.

**Exhibit 12: GG's revenue target (EUR mn)<sup>xxix</sup>**



## 2.6 Company Premiums

### a) Only vertically integrated supplier to the market for industrial inkjet

The company states that it is the only full-stack supplier of all critical core technologies for inkjet, where its group companies are technology leaders in respective markets. GG has the capability of OEM software and electronic components for inkjet along with end-user software for labels & packaging and is poised to fulfill the demand of high-functionality solutions rather than just components.

### b) HYBRID's acquisition has created a ripple effect in value addition

HYBRID's acquisition has added capabilities to GG's portfolio. The company has entered the ES space and has access to HYBRID's development experience, sales and support team and end-user customers. This has opened new revenue models for GG and enabled captive margins for the company's products such as Harlequin®, which are integrated into end-user products.

### c) Technology development at the core in a competitive market

GG has a huge and experienced development team with 80 developers, and at least 10 of them hold Ph.D. degrees. The company keeps its products updated with new and current evolutions in design and functionality to gain advantage over its competitors. GG regularly releases updates to its existing products and launches new products to fulfill emerging demands. The company's work field is such that technology is embedded in a solution around which software and hardware are designed. This acts as a barrier for competition but also makes it difficult for GG to unseat the incumbent.

### d) Continued focus on innovation

GG's growth target is based on the backbone of an accelerated innovation plan, and the company heavily invests in R&D with c. 30% revenue directed toward it. GG has been recognized by its customers and has won various awards and accolades, such as the prestigious 2021 FTA Award.

### e) Sustainability

GG, while on its growth path, is committed to sustainability. Inkjet is inherently sustainable and environment-friendly due to its wide compatibility, while focus industries cause minimal waste. Textiles offer the benefit of saving on water and electricity in comparison to pigmented dyes and weaving, and packaging offers just-in-time production of materials. GG's rapid production techniques help with the requirement of minimal printed inventory.

## 2.7 Company Risks

### a) Concentration of substantial percentage of ownership

GG is indirectly owned and controlled by its chairman, Guido Van der Schueren. He currently controls 82.12% of the company's voting rights through his interests in Congra and can potentially exercise significant influence over any matter requiring shareholder approval. Additionally, illiquidity in the trading of the shares of the company can adversely impact the value of an investment.

### b) Credit risk, especially owing to the pandemic

GG's software segment receives payments over an extended period for certain licensing arrangements, which may be up to five years in some instances. In FY 2020, 32.1% of the company's total accounts receivable was owed to the 10 largest accounts, where 9.1% of the total amount was owed by the single largest account. For the 10 largest accounts, 93% of receivables are due in 2021 with the remainder in 2022, and the single largest account receivable is due in 2021, for EUR 631,200. Pandemic-related consequences increase the chances of liquidity crunch for GG's customers, thus heightening the possibility of a delay of default on the receipt of receivables.

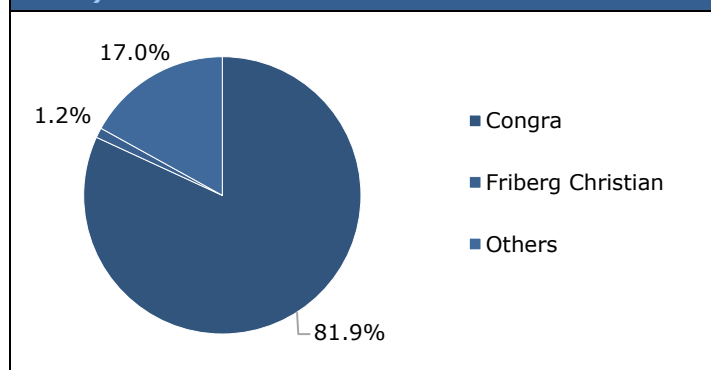
### c) Need to protect IP

GG's revenue is driven by its proprietary technology, and the group protects its IP through patent, copyright, trade secret and trademark laws, and other applicable restrictions. Attainment and maintenance of such necessary measures is both costly and crucial to sustain as the business performance is dependent on it.

## 2.8 Shareholding Pattern<sup>xxx</sup>

On August 17, 2021, the company's issued share capital consists of 32,909,737 ordinary shares outstanding. On January 12, Congra was issued 21,074,030 shares as a consideration for the acquisition of HYBRID by GG from Congra, the former holding company for HYBRID and its subsidiaries. Guido Van der Schueren, the company's chairman, together with his wife and children, own approximately 67.08% of the shares of Congra. The company has 73,996 treasury shares.

**Exhibit 13: Capital structure (as of August 17, 2021)**



**Exhibit 14: Top shareholding pattern**

| Shareholders      | Shares outstanding |
|-------------------|--------------------|
| Congra            | 26,946,116         |
| Friberg Christian | 381,732            |
| Others            | 5,581,889          |
| <b>Total</b>      | <b>32,909,737</b>  |

## 2.9 Listing and Contact Details<sup>xxx</sup>

GG is publicly listed on Euronext Brussels and is traded under the symbol 'GLOG.'

### Company Contacts

#### Corporate Headquarters – Global Graphics PLC

2030 Cambourne Business Park  
Cambourne, Cambridge  
CB23 6DW  
UK

Telephone: +44(0)1954283100

Email: [investor-relations@globalgraphics.com](mailto:investor-relations@globalgraphics.com)

Website: [investor.globalgraphics.com](http://investor.globalgraphics.com)

#### Global Graphics Software

2030 Cambourne Business Park  
Cambourne, Cambridge  
CB23 6DW  
UK

Website: <https://www.globalgraphics.com/>

#### Meteor Inkjet

Harston Mill  
Royston Road  
Cambridge, CB22 7GG  
UK

Website: <https://www.meteorinkjet.com/>

#### HYBRID Software

Guldensporenpark 18, Block B  
9820 Merelbeke  
Belgium

Website: <https://www.hybridsoftware.com/>

#### Xitron

4750 Venture Drive  
Suite 200A  
Ann Arbor, MI 48108  
US

Website: <https://www.xitron.com/>

### 3. News<sup>xxxii</sup>

- **Meteor works with Epson on new T3200, T1600 and D3000 printheads:** On August 11, 2021, Meteor Inkjet announced that it is developing printhead drive electronics and software for the new T3200, T1600 and D3000 printheads recently announced by Epson
- **Appointed manager of OEM sales for the US:** On August 4, 2021, Global Graphics Software announced that it had appointed Peter Kushnieruk. He has over 30 years of experience in print technology and will help Paul Hagen to strengthen the US team as part of expansion plans for North and Latin America
- **Ricoh thin-film printhead launched in market:** On July 8, 2021, Meteor announced that it had expanded its product portfolio with the launch of TH5241, Ricoh's first SiMEMs thin-film piezo printhead, aimed primarily at entry-level scanning applications, including sign graphics, textiles and labels
- **Installed 1,000th Navigator DFE:** On June 22, 2021, Xitron announced that its partner, Printware, had completed its 1,000th installation of Xitron's Navigator DFE
- **Launched CLOUDFLOW RIP Farm:** On June 16, 2021, the company announced the launch of CLOUDFLOW RIP Farm, a new enterprise RIP solution for labels & packaging printers and tradeshops based on the powerful Harlequin® Core
- **iMS built global business with agile solution from HYBRID:** On June 2, 2021, the company announced that iMSGlobal, providing integrated marketing solutions in partnership of five years with HYBRID, had a global reach. Creative design, prepress and artwork production agency iMSGlobal had chosen CLOUDFLOW to ensure full production workflow flexibility across its multi-site operation
- **Canon partnered with HYBRID:** On May 25, 2021, the company announced that Canon had partnered with HYBRID to offer label converters an advanced front-end solution for the LabelStream 4000 series. The LabelStream front end builds on the fundamentals of CLOUDFLOW and is a tailored solution to enable a cost-efficient, standalone operation with a high-performance workflow based on PDF input
- **Creative Labels of Vermont (CLOV) helped by collaboration:** On May 17, 2021, GG announced that CLOV, operating four conventional flexo presses and two HP Indigo WS6800 digital presses, had streamlined its prepress processes to drive efficiency with collaboration of FLAG, HYBRID and Label Traxx
- **Agfa in partnership with HYBRID:** On May 12, 2021, the company announced that the OEM partnership would provide Agfa's Offset Solution division with access to the group's specialized technological know-how and full product portfolio, focused on ES for the packaging printing industry
- **Intelligent Flexo received 2021 FTA Award:** On May 11, 2021, GG announced that Intelligent Flexo, a breakthrough module in HYBRID CLOUDFLOW to boost flexo print quality from existing equipment and software systems, had received a 2021 FTA Technical Innovation Award. Last year, HYBRID won the award for its CLOUDFLOW Patchplanner
- **PACKZ helped prepress efficiency of Colorman Ireland:** On May 11, 2021, the company announced that the leading print service provider had partnered with HYBRID to speed up operations in the prepress department and had achieved substantial time and cost savings since introducing PACKZ into its workflow
- **HYBRID and Steurs provided quality boost with Intelligent Flexo:** On April 30, 2021, GG announced that Intelligent Flexo, based on the know-how used by Antwerp-based Steurs Graphic Solutions, had managed to increase flexo output quality. This was expected to provide advantages of lower ink consumption and increased print quality of flat tints, vignettes, barcodes and fine text
- **GG launched SmartDFE for labels & packaging:** On April 19, 2021, the company announced its first product co-developed by all group companies. The collaboration created a smart DFE designed to be part of a fully automated manufacturing solution supporting Industry 4.0 telematics and MIS integration
- **Global Graphics Software joined Open Platform Communications (OPC) Foundation:** On April 7, 2021, the company announced that it looked forward to becoming an active member of the 800+ strong international community. OPC Foundation is responsible for the development and maintenance of the OPC Industrial Interoperability Standard

- **Aztec Label invested in PACKZ:** On March 26, 2021, the company announced that Aztec Label had further invested in PACKZ, a PDF editing software offered by HYBRID. This was to be Aztec Label's second investment in PACKZ after 2016
- **CLOUDFLOW released on Linux:** On March 05, 2021, GG announced that CLOUDFLOW 21.02 would also run on Linux apart from macOS and Windows. This would enable users to employ CLOUDFLOW in a cost-effective manner with higher performance levels
- **New products added by Meteor:** On February 25, 2021, the company announced that Meteor had added new sets of products for Epson's I3200 range of PrecisionCore printheads. The new products were expected to be cost-effective and allow customers to take full advantage of I3200 features
- **Product films premiered at Page 2021 Online:** On January 29, 2021, the company announced that its Tokyo office would premiere three product explainer films at Page 2021 Online, a virtual event. The films would focus on the company's inkjet technology and Mako™, the developer toolkit
- **Introduced License Control System (LICOS):** On January 28, 2021, the company announced that HYBRID had released LICOS to help customers centralize control over usage of software in an enterprise. It is a cloud-hosted service based on the client-server-license model
- **Completed acquisition of HYBRID:** On January 12, 2021, the group announced that it had completed the acquisition of HYBRID from Congra. The group paid EUR 80 mn to Congra for the acquisition by issuing 21,074,030 shares
- **New customer on board:** On November 11, 2020, the company announced that Hager Papprint, a Germany-based company involved in the business of printing, had switched to PACKZ and CLOUDFLOW products to optimize their prepress process
- **Rasterlink™7 launched by Mimaki Engineering:** On November 04, 2020, the company announced that Mimaki Engineering, manufacturer of wide-format inkjet printers, cutting plotters and 3-D modeling machines, had launched Rasterlink™7 based on Harlequin®. The company licensed Harlequin® to Mimaki Engineering to develop Rasterlink™7
- **Shipping of Navigator 13:** On November 04, 2020, GG announced that Xitron had a plan to release its new Navigator 13 from November 23 onwards, with several improvements to the RIP such as better throughput speed, control over color separation rendering and control for PDF Processing Steps
- **New generation RIP launched by Mutoh:** On October 28, 2020, the company announced that Mutoh had launched VerteLith™, a new generation RIP software, based on HHR, which was licensed to it by the company
- **Won 2021 BLI Outstanding Innovation award:** On October 05, 2020, the company announced that its subsidiary, Global Graphics Software, had won the 2021 the BLI Outstanding Innovation award for its Direct product range
- **Won 2020 InterTech™ Technology Award:** On September 22, 2020, GG announced that Xitron's Navigator Digital Front-End technology had won the coveted 2020 InterTech™ Technology Award, presented by PRINTING United Alliance
- **New features added to Harlequin® RIP:** On September 08, 2020, the company announced that its subsidiary, Global Graphics Software, had introduced new features such as automatic tiling and extended Advanced Inkjet Screens™ in HHR 13, the new version of Harlequin® RIP software. These features were expected to enhance image quality and speed of large-scale output such as decor, textiles and corrugated packaging
- **Licensed Fundamentals™ to Miyakoshi Printing Machinery Co. Ltd. ("Miyakoshi"):** On August 18, 2020, the company announced that Global Graphics Software had licensed Fundamentals™ to Miyakoshi, a leading Japanese manufacturer of digital presses. Miyakoshi planned to use Fundamentals™ to create a new software engine for its Miyakoshi MJP20AXW product
- **Licensed Mako™ SDK to Racami:** On July 28, 2020, GG announced that Global Graphics Software had licensed Mako™ SDK to Racami, which planned to embed Mako with its Alchem-e™ technology to provide a standalone PDF preflight tool

- **Collaborated with Inèdit on digital textile production:** On June 11, 2020, the company announced that Global Graphics Software had collaborated with Inèdit to create a better PDF engine for textile workflow. Inèdit is the creator of neoStampa, the most popular textile digital printing software
- **Completed sale of URW Type Foundry GmbH:** On May 29, 2020, the company announced that it had sold URW Type Foundry GmbH to Monotype GmbH, a wholly owned subsidiary of Monotype Imaging Inc. The deal was closed at EUR 7.5 mn, adjusted for retained cash and working capital at the end of May 2020
- **New class of software released:** On April 28, 2020, GG announced that Global Graphics Software had released Direct™, a print software for faster, wider and high-resolution digital presses. This was the first fully integrated product line from the company and was designed to support Industry 4.0 telematics and integration with MIS systems and digital press controllers
- **Won Queen's Award for Enterprise:** On April 21, 2020, the company announced that Global Graphics Software had been awarded with the prestigious Queen's Award for Enterprise. The award was for the development of ScreenPro™, a screening software to correct quality defects occurring because of jetting ink onto substrates
- **Launched eLab Pro:** On April 2, 2020, the company announced that Meteor had launched eLab Pro, an industrial inkjet RIP software powered by Harlequin®. The software had been designed for developers of industrial inkjet systems and offered a complete plug-and-play package
- **Announced stimulus package for printers:** On March 31, 2020, GG announced that Xitron would offer interest-free payment plans on RIPs, workflows and interfaces to printing companies affected by lockdowns because of the pandemic. Under this stimulus, affected companies could purchase RIP and workflow software with a small upfront payment and interest-free payments later
- **Xitron acquired:** On November 8, 2019, the group announced that it had acquired Xitron, an independent developer of Harlequin® RIP and workflow products, from Vanguard Graphics International (VGI). Xitron produces Harlequin® RIP-based products for the commercial, flexo, digital and high-speed inkjet printing industries
- **Distributor appointed in the Korean market:** On September 25, 2019, the company announced that Meteor had appointed Meson as its distributor in the Korean region
- **Received Queen's Award for Enterprise:** On August 15, 2019, the company announced that Meteor had received the Queen's Award for Enterprise for displaying excellence in international trade
- **Partnered with Platesetters.com:** On May 28, 2019, the company announced that Xitron had partnered with Platesetters.com, a US-based refurbished computer-to-plate (CTP) seller, to assist customers with replacing violet-based CTP systems with Xitron Navigator RIP & workflow



## 4. Management and Governance<sup>xxxiii</sup>

| Exhibit 15: Management and governance |   |   |
|---------------------------------------|---|---|
| Name                                  | Position                                      | Experience  |
| Guido Van der Schueren                | Chairman                                      | <ul style="list-style-type: none"> <li>Represents HYBRID on GG's executive team</li> <li>Current Chairman of Congra, the majority stakeholder in GG</li> <li>Runs Powergraph BV a private equity vehicle that invests mainly in graphic arts software</li> </ul>  |
| Mike Rottenborn                       | Chief Executive Officer (CEO)                 | <ul style="list-style-type: none"> <li>CEO at GG since January 2020</li> <li>Founder and former President and CEO of HYBRID</li> <li>Over 30 years of experience in the graphic arts industry, working for companies such as PCC Artwork Systems, where his work domain included focusing on prepress workflow software for packaging and commercial printing customers</li> </ul>                  |
| Graeme Huttley                        | Chief Financial Officer (CFO)                 | <ul style="list-style-type: none"> <li>A Chartered Management Accountant associated with GG since 1999 and promoted to CFO in 2014</li> <li>Leads and manages the company's Finance, IT and Manufacturing teams from the UK head office</li> <li>Actively participates in various strategic projects of GG</li> </ul>   |
| Jill Taylor                           | Corporate Communications Director             | <ul style="list-style-type: none"> <li>Leads the marketing communications team and has been associated with GG since 2001</li> <li>Works with the CFO on GG's financial and investor relations programs</li> </ul>  |
| Neil Wylie                            | Operations Director                           | <ul style="list-style-type: none"> <li>Manages all aspects of operations including commercial, contractual, patent and legal matters</li> <li>Responsible for HR matters and building infrastructure</li> <li>Joined GG (formerly Harlequin®) in 1994</li> </ul>  |
| Clive Ayling                          | Managing Director at Meteor                   | <ul style="list-style-type: none"> <li>Co-founded Meteor in 2006</li> <li>Appointed in December 2016 upon Meteor's acquisition by GG</li> </ul>   |
| Justin Bailey                         | Managing Director at Global Graphics Software | <ul style="list-style-type: none"> <li>Joined GG in 2013</li> <li>Over 25 years of experience in the document imaging and print markets</li> <li>Worked for 17 years at Canon and founder of eCopy's EMEA business</li> </ul>   |
| Karen Crews                           | President of Xitron                           | <ul style="list-style-type: none"> <li>Joined GG's executive team on Xitron's acquisition by GG in 2019</li> <li>Associated with Xitron since 1986</li> <li>Worked as Vice President, Finance and Operations until 2013 and was then promoted to the president position</li> <li>Played a key role in developing Xitron's DFE development</li> <li>Former CFO of VGI, acquirer of Xitron</li> </ul> |
| Clare Findlay                         | Non-executive Director                        | <ul style="list-style-type: none"> <li>Over 20 years of experience in the computer software industry at a senior management position</li> <li>Former Managing Director of Concentrix Corporation's UK operations</li> <li>Previously served as the non-executive director at the company from 2011 to 2014</li> </ul>   |
| Luc De Vos                            | Non-executive Director                        | <ul style="list-style-type: none"> <li>An angel investor in the media and internet industry in companies such as KPNQwest, Stepstone, Starlab and CarsOnTheWeb</li> <li>Experience as a non-executive director at Sofico and an advisor at AXSGUARD and Geckomatics</li> </ul>  |

## 5. Industry Overview<sup>xxxiv</sup>

The printing industry can be classified based on method types such as offset lithography, flexography, digital printing, large format, screen printing, 3-D printing and light emitting diode using ultraviolet rays (LED-UV).

Digital printing is a modern method that uses various techniques, including inkjet and laser. The process involves printing digital-based images directly onto a variety of media substrates and eliminates the need for a printing plate, which is mandatory for offset printing. Digital files such as pdf or desktop publishing files can be directly put to print on paper, canvas, fabric, synthetics and other substrates.

Industrial inkjet printing is larger in scale in terms of machine size and speed; a product on the production line is manufactured using inkjet technology by depositing material. Additionally, it can be used in other applications such as applying coatings, depositing precise amounts of functional materials and building micro- or macro-structures.

Potential benefits of using inkjet technology include:

- conversion of processes from analogue to digital
- reduction of manufacturing costs, wastage and inventory
- provision of higher-quality output
- printing on a variety of substrates
- mass customization
- faster prototyping
- implementation of just-in-time manufacture

### Exhibit 16: Benefits offered by industrial inkjet vs offset printing<sup>xxxv</sup>

| Benefit                             | Offset | Industrial Inkjet |
|-------------------------------------|--------|-------------------|
| Quickest turnaround                 | -      | Yes               |
| Cost-effectiveness for shorter runs | -      | Yes               |
| Cost-effectiveness for longer runs  | Yes    | -                 |
| Most accurate color matching        | Yes    | -                 |
| Substrate compatibility             | -      | Yes               |
| Ease of proofing                    | -      | Yes               |
| Mass customization                  | -      | Yes               |
| Cost of ownership                   | -      | Yes               |

Industrial printing remains a very promising area of growth for inkjet technology in various applications, and it has high potential in industries such as labels & packaging, textiles, ceramics, textiles and additive manufacturing.

### 5.1 Labels & Packaging<sup>xxxvi</sup>

The global labels & packaging market is expected to grow to USD 1.1 tn in 2030 from USD 876 bn in 2020, accounting for c. 66% of the global print market.

Companies have two types of printing methods to choose from for labels & packaging:

- 1) Conventional – Analog printing involves creating a printing plate for every design, SKU or offering. Generally, it is the preferred method of printing for large runs and high inventory. Examples include offset, gravure and flexography

- 2) Digital – A digital-based image is directly converted to a variety of media (or packaging substrates). It offers a solution for small companies with the requirement of shorter runs, or larger businesses with the need of digital for campaigns and promotions and short time-to-market

There is a shift of preference for digital print over analog methods driven by the following trends:

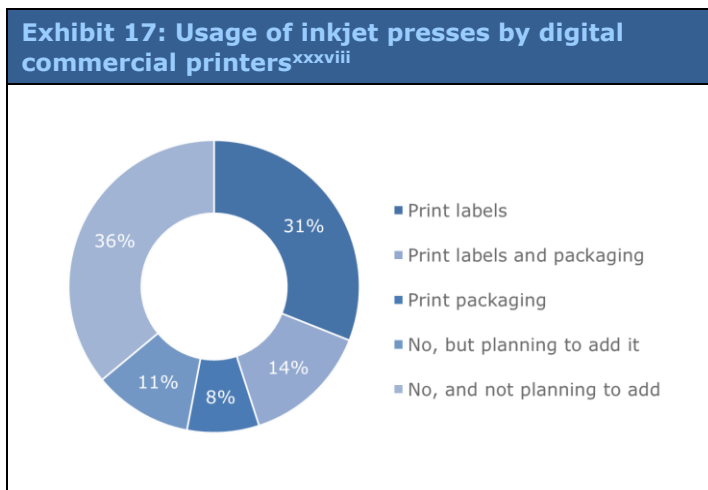
- Changing consumer behavior – The COVID-19 pandemic has led to an evolved mindset among consumers and has resulted in an opportunity to develop solutions that provide a safe shopping experience with minimal human touchpoints
- Preference of e-commerce – Labels & packaging have to be designed such that they are resistant to misuse and enhance the safety and hygiene of the product
- Push for private labels – Factors such as budget constraints, panic buying and bulk buying to avoid store visits have resulted in consumers’ inclination toward trying private label products
- Changing food preferences – Packaging has to be both rigid and flexible, and it requires tailor-made solutions to suit various requirements of changing food habits, such as alternatives to meat or adoption of a healthier lifestyle
- Sustainability becoming the real imperative – Sustainability regulations have become a global phenomenon across industries along with rising awareness among consumers about the impact on the environment

Digital print technology for labels & packaging is gaining momentum and offers advantages such as no set-up fees, better quality, customization, quicker turnaround, sustainability and environmental-friendliness and cost advantage. Some of the other benefits include printing multiple versions in a single print run, no inventory and wastage, elimination of plate and tooling costs and rapid job changeover.

Top deterrents for printing on digital presses could be a) an inability to price competitively, b) high technology costs, c) the need for future developments and d) not fitting the product mix.

**5.1.1 Inkjet as an Enabler of Digital Printing of Labels & Packaging<sup>xxxvii</sup>**

Inkjet is one of the technologies being used to expand the use of digital printing. A major reason is that it is relatively less complex in comparison to alternatives, due to its ability to print directly on various substrates such as corrugated material, folding cartons and flexible films. Inkjet technology offers benefits such as competitive cost structures, faster printing speeds, enhanced image quality and the ability to print on a wider variety of substrates.



A survey conducted by NAPCO Research of respondents that consist mainly of digital printers of labels & packaging indicates that inkjet is expected to be a key technology in digital printing. The survey shows the preference of its respondents, with inkjet being used by 45% of digital printers of labels and 22% of digital printers of packaging.

The benefits offered by usage of inkjet presses to print labels & packaging include a) the ability to print variable images/data, b) high quality and resolution, c) ease of use, d) faster print speeds, e) low capital costs and f) substrate flexibility. However, factors such as high start-up costs, low return on investment (ROI) and a preference for toner technology act as inhibitors to inkjet’s usage.

**5.2 Additive Manufacturing<sup>xxxix</sup>**

Additive manufacturing is the industrial production name for 3-D printing. It is an additive process of joining materials to create objects based on digital models that connect multiple disciplines, including design, manufacturing and

simulation. Traditional manufacturing often requires machining or other techniques to remove surplus material; however, additive manufacturing enables creation of objects with precise geometric shapes.

Over the last decade, additive manufacturing has gained importance as one of the most revolutionary technology applications in manufacturing. Initially used primarily for prototyping, it is now employed increasingly for spare parts, small series production and tooling. The industry is expected to grow from USD 12 bn in 2020 to USD 51 bn by 2030 at a CAGR of 15%, with the largest part of the growth coming in end-user parts (23% of the market in 2020, expected to contribute to 38% of market by 2030).

The advantages offered by additive manufacturing over traditional manufacturing methods include the following:

- Creation of complex objects with more ease at no additional cost
- Less wastage as manufacturing is done layer by layer
- All aspects of creation are handled by a single device, and thus less labor is required
- Increased automation and reduced need for oversight
- Reduced need for a full-fledged factory with a complex supply chain, thus providing the benefit of a setup much closer to the market
- Customization benefit for small batch sizes
- Consistent unit cost of production is beneficial on a small scale

**Exhibit 18: Differences between additive manufacturing and traditional manufacturing**

|   |  |  |   |
|---|--|--|---|
| <b>Additive<br/>Manufacturing</b><br><br><b>vs.</b><br><br><b>Traditional<br/>Manufacturing</b> | <b>Design</b><br><br>Complex geometries | <b>Sustainability</b><br><br>More circular economy | <b>Distribution</b><br><br>Distributed manufacturing |
|   | <br>Design restrictions                 | <br>Environmentally inefficient                    | <br>Centralised manufacturing                        |

Additive manufacturing provides usage benefits for industries such as medical and pharmaceutical, energy and consumer products, but also offers highly relevant applications for automotive and aerospace.

- **Aerospace:** Aerospace companies have to abide by the manufacturing industry’s most stringent standards, and its parts and components require the highest-performance materials. Additive manufacturing helps to design complex, high-strength parts while also reducing the weight of aerospace components. This is achieved through printing of more efficient geometries and elimination of a significant amount of unnecessary material, thus offering the benefit of lower fuel consumption, reduced CO<sub>2</sub> emissions and lower costs.
- **Automotive:** Stricter regulations regarding vehicle emission and fuel efficiency standards in the automotive industry are necessitating a change toward low-weight vehicles, which in turn are likely to fuel the demand for lightweight components. Additive manufacturing allows for development of complex, high-quality parts with improved safety. Rapid prototyping enables automobile manufacturers to test properties such as water resistance and high temperatures. In addition, 3-D printing allows for parts consolidation, reducing inventory and enabling easy repair or maintenance with the use of a single part.

### 5.3 Digital Printing of Ceramics<sup>xi</sup>

Digital printing provides the ability to fabricate ceramic components of arbitrarily complex shapes using advanced technology of inkjet printing, a 3-D printing technology type. Inkjet fulfils the requirements in the ceramics industry for a shorter life cycle of products, unique aesthetic appearances, quick turnaround times and cost advantages. Moreover, it provides the benefits of no liquid wastage and of sustainability.

The global market for ceramics printing was estimated to be worth USD 267.7 bn in 2020 and is expected to grow to USD 407.7 bn by 2025 at a CAGR of 8.6%.

The traditional ceramics market (59.6% of the total market in 2018) consists of tiles, bricks and sanitary ware. Digital printing of ceramic tiles has gained preference over the traditional methods in the past decade due to benefits offered such as a) improvement in aesthetic appeal on account of production of intricate designs, b) maintenance of uniformity in designs, c) customization, d) smaller lot sizes, e) faster cycle times implying faster time-to-market, f) reduction in waste and production costs and g) a smaller environmental footprint.

The advanced ceramics market, which consists of a wide range of applications, including within the chemical industry, machinery, electronics, aerospace and biomedical engineering, is expected to grow in terms of share contribution of the market. Market drivers include a) advancements in 3-D technology, b) increasing application in dental implants and smartphones, c) higher government spending on infrastructure, and d) a rise in construction activities.

Ceramics are widely used in the additive manufacturing industry, where a variety of materials such as zirconia, alumina and tricalcium phosphate are used in making biomedical products. Additionally, new classes of glass products can be created by baking together alternate layers of powdered glass and adhesive.

Applications of digital printing of ceramics include:

- Housing – Demand for digital ceramic printing to be driven by ceramic tiles used in housing and commercial offices
- Healthcare – Dental implant companies can manufacture customized dental implants, which require complex geometries and lattice and honeycomb structures
- Energy and Electronics – Digital printing allows for development of ceramic-based small and unique parts with insulative properties
- Automotive – Various parts, from brakes and spark plugs to filters, can be manufactured at a reduced cost
- Aerospace – Helps to manufacture parts requiring intricate custom designs
- Defense – Used to produce lightweight, customized and resilient equipment parts such as jet turbines, brake pads on tanks and armor plating

### 5.4 Digital Textile Printing<sup>xii</sup>

Digital textile printing is an inkjet-based method of printing colorants on fabric that is used for the purpose of printing smaller designs on garments and printing large designs on large format rolls of textile. The digital textile printing market was estimated to be worth USD 2.2 bn in 2019 and is projected to increase to USD 8.8 bn by 2027, growing at a CAGR of 19.1%.

The conventional textile printing method presses pre-mixed dye colors on fabric through rotary screens, which have their own engraved pattern. However, the digital textile printer uses a printable image (design) of a graphical data file, reads the right color information by using a Red-Green-Blue (RGB) system and then prints the desired color on the fabric using miniscule droplets of ink.

Advantages offered by digital methods of textile printing over conventional methods include:

- High resolution of output – Offers unlimited color combinations, flexibility and accuracy of color choice and provides a clean, tidy and fine print
- Fast sampling and delivery – It is a fast process that allows adjustments to be done on the spot. This helps to reduce sampling and production times

- Flexibility of size – Allows for printing on smaller fabrics, as compared to conventional methods that have a restraint in terms of the minimum amount of fabric required
- Environment-friendly – Requires less energy and water, uses less ink and minimizes wastage
- Customization – RGB system provides a wide array of options for color and design
- Cost saving – Saves operational space as machine space required is not large

Growth drivers for the industry include the following:

- Rise in per capita disposable income in emerging nations coupled with rapid change in fashion trends
- Sustainability benefits derived from digital printing such as lower electricity consumption, lower labor costs, longer life span of printheads, shorter turnaround times, decrease in ink usage and no water usage
- Growing application of textile printing in the automotive sector, such as vehicle wrapping and interior decoration

## 6. Valuation

The fair market value for one of GG's publicly traded shares stands between EUR 6.2 and EUR 6.5 on August 17, 2021, using a blended valuation (DCF and EV/EBITDA multiple).

### 6.1 Discounted Cash Flow Method

| Valuation                             |       |
|---------------------------------------|-------|
| Risk-free Rate (Rf) <sup>xlii</sup>   | 0.7%  |
| Beta <sup>xliii</sup>                 | 0.9   |
| Country Risk Premium <sup>xliiv</sup> | 10.7% |
| Cost of Equity                        | 10.0% |
| Terminal Growth Rate                  | 1.0%  |
| WACC (Discount Rate)                  | 10.0% |

| Year Ending – Dec      | 2021E | 2022E | 2023E | 2024E | 2025E | 2026E |
|------------------------|-------|-------|-------|-------|-------|-------|
| <b>FCFF (Low)</b>      |       |       |       |       |       |       |
| Free Cash Flow to Firm | (2.4) | 8.3   | 12.6  | 15.4  | 17.0  | 18.8  |
| Discount Factor        | 1.0   | 0.9   | 0.8   | 0.7   | 0.7   | 0.6   |
| Present Value of FCFF  | (2.3) | 7.3   | 10.1  | 11.1  | 11.2  | 11.2  |
| <b>FCFF (High)</b>     |       |       |       |       |       |       |
| Free Cash Flow to Firm | (1.8) | 8.5   | 12.4  | 15.2  | 17.7  | 20.2  |
| Discount Factor        | 1.0   | 0.9   | 0.8   | 0.7   | 0.7   | 0.6   |
| Present Value of FCFF  | (1.7) | 7.4   | 9.8   | 11.0  | 11.7  | 12.1  |

| Arrowhead fair value bracket               | Low          | High         |
|--|--------------|--------------|
| Terminal Value (TV)                        | 210.8        | 226.4        |
| Present Value of TV                        | 126.3        | 135.7        |
| Present Value of FCFF                      | 48.6         | 50.4         |
| Net Debt <sup>xlv</sup>                    | -9.0         | -9.0         |
| Shares O/S (mn)                            | 32.9         | 32.9         |
| <b>Fair Share Value Bracket (EUR)</b>      | <b>5.6</b>   | <b>5.9</b>   |
| Current Market Price (EUR) <sup>xlvi</sup> | 4.7          | 4.7          |
| Upside/(Downside)                          | 18.4%        | 25.5%        |
| Current Market Cap.                        | 155.3        | 155.3        |
| <b>Target Market Cap. Bracket</b>          | <b>184.0</b> | <b>195.0</b> |

All figures in EUR mn, unless stated differently

## 6.2 Relative Valuation

The fair market value of one of GG's publicly traded regular shares stood at EUR 11.8 on August 17, 2021.

| Company name                          | Market Cap | Current Enterprise Value | EBITDA -FY 2021E | EV/EBITDA |
|---------------------------------------|------------|--------------------------|------------------|-----------|
| Lime Technologies AB (LIME SS Equity) | 498.6      | 521.0                    | 13.8             | 37.8x     |
| Asure Software Inc (ASUR US Equity)   | 177.9      | 177.0                    | 5.3              | 33.4x     |
| GK Software SE (GKS GY Equity)        | 337.1      | 347.7                    | 26.3             | 13.2x     |
| Median                                |            |                          |                  | 33.4x     |

All figures in EUR mn, unless stated differently

| Particulars                            |              |
|--|--------------|
| GG's FY 2021E EBITDA                   | 11.4         |
| Peer EV/Revenue                        | 33.4         |
| Enterprise value                       | 380.7        |
| Net debt                               | -9.0         |
| <b>Implied equity value</b>            | <b>389.7</b> |
| Shares o/s (mn)                        | 32.9         |
| <b>Intrinsic value per share (EUR)</b> | <b>11.8</b>  |
| Current market price (EUR)             | 4.7          |
| Upside/(Downside)                      | 150.9%       |

## 6.3 Blended Valuation

The fair market value of one of GG's publicly traded regular shares stood between EUR 6.2 and EUR 6.5 on August 17, 2021, according to the blended valuation method.

| Blended valuation       |            |            |
|-------------------------|------------|------------|
|                         | High       | Low        |
| DCF                     | 5.9        | 5.6        |
| Relative valuation      | 11.8       | 11.8       |
| <b>Weighted average</b> | <b>6.5</b> | <b>6.2</b> |



### Sensitivity Analysis for DCF

| Sensitivity Table - High |      | WACC (%) |      |      |       |       |
|--------------------------|------|----------|------|------|-------|-------|
|                          |      | 8.6%     | 9.1% | 9.6% | 10.1% | 10.6% |
| GROWTH RATE (%)          | 0.0% | 6.1      | 5.8  | 5.5  | 5.2   | 4.9   |
|                          | 0.5% | 6.4      | 6.0  | 5.7  | 5.4   | 5.1   |
|                          | 1.0% | 6.7      | 6.3  | 5.9  | 5.6   | 5.3   |
|                          | 1.5% | 7.1      | 6.6  | 6.2  | 5.8   | 5.5   |
|                          | 2.0% | 7.5      | 6.9  | 6.5  | 6.1   | 5.7   |

| Sensitivity Table - Low |      | WACC (%) |      |      |       |       |
|-------------------------|------|----------|------|------|-------|-------|
|                         |      | 8.6%     | 9.1% | 9.6% | 10.1% | 10.6% |
| GROWTH RATE (%)         | 0.0% | 5.8      | 5.5  | 5.2  | 4.9   | 4.7   |
|                         | 0.5% | 6.0      | 5.7  | 5.4  | 5.1   | 4.8   |
|                         | 1.0% | 6.3      | 5.9  | 5.6  | 5.3   | 5.0   |
|                         | 1.5% | 6.6      | 6.2  | 5.8  | 5.5   | 5.2   |
|                         | 2.0% | 7.0      | 6.5  | 6.1  | 5.7   | 5.4   |

### Approach for DCF Valuation

**Time Horizon:** The time period chosen for the valuation is 65 months (2021E-2026E).

**Terminal Value:** This is estimated using a terminal growth rate of 1.0%.

**Prudential nature of valuation:** It should be noted that Arrowhead's fair value bracket estimate is a relatively prudent estimate, as it discounts the eventuality of any new products being launched in the market or any significant change in the strategy.

### Important information on Arrowhead methodology

The principles of the valuation methodology employed by Arrowhead BID are variable to a certain extent depending on the subsectors in which the research is conducted, but all Arrowhead valuation research possesses an underlying set of common principles and a generally common quantitative process.

With Arrowhead Commercial and Technical Due Diligence, Arrowhead extensively researches the fundamentals, assets and liabilities of a company, and builds solid estimates for revenue and expenditure over a coherently determined forecast period.

Elements of past performance, such as price/earnings ratios, indicated as applicable, are present mainly for reference purposes. Still, elements of real-world past performance enter the valuation through their impact on the commercial and technical due diligence.

Elements of comparison, such as multiple analyses, may be to some limited extent integrated in the valuation on a project-by-project or asset-by-asset basis. In the case of this Global Graphics PLC report, there are no multiple analyses integrated in the valuation.

### Arrowhead BID Fair Market Value Bracket

The Arrowhead Fair Market Value is given as a bracket. This is based on quantitative key variable analysis, such as key price analysis for revenue and cost drivers or analysis and discounts on revenue estimates for projects, and is especially relevant to those projects estimated to provide revenue near the end of the chosen forecast period. Low and high estimates for key variables are produced as a tool for valuation. The high bracket DCF valuation is derived from the high bracket key variables, while the low bracket DCF valuation is based on the low bracket key variables.

In principle, an investor who is comfortable with the high brackets of our key variable analysis will align with the high bracket in the Arrowhead Fair Value Bracket, and likewise in terms of low estimates. The investor will also take into account the company intangibles, as presented in the first few pages of this document in the analysis on strengths and weaknesses and other essential company information. These intangibles serve as supplementary decision factors for adding or subtracting a premium in the investor's own analysis.

The bracket should be understood as a tool provided by Arrowhead BID for the reader of this report, and the reader should not solely rely on this information to make a decision on any particular security. The reader must also understand that, on the one hand, global capital markets contain inefficiencies, especially in terms of information, and that on the other hand, corporations and their commercial and technical positions evolve rapidly: this present edition of the Arrowhead valuation is for a short- to medium-term alignment analysis (1-12 months). The reader should refer to important disclosures on page 37 of this report.

## 7. Appendix

### 7.1 GG's Financial Summary

| <b>Exhibit 19: Financial Summary</b> |              | <i>Low Bracket Estimates</i> |              |              |              |              |
|--------------------------------------|--------------|------------------------------|--------------|--------------|--------------|--------------|
| <i>Year Ending Dec</i>               | <b>2021E</b> | <b>2022E</b>                 | <b>2023E</b> | <b>2024E</b> | <b>2025E</b> | <b>2026E</b> |
| Revenue (EUR mn)                     | 46.4         | 55.2                         | 63.8         | 73.4         | 81.6         | 90.8         |
| Operating Profit (EUR mn)            | 6.1          | 7.5                          | 10.2         | 11.3         | 13.0         | 15.4         |
| Net Income (EUR mn)                  | 3.9          | 5.1                          | 7.5          | 8.6          | 10.3         | 12.4         |
| EPS                                  | 0.1          | 0.2                          | 0.2          | 0.3          | 0.3          | 0.4          |
| <b>Growth rates (%)</b>              |              |                              |              |              |              |              |
| Revenue                              | 18.5%        | 19.0%                        | 15.6%        | 15.0%        | 11.2%        | 11.3%        |
| Operating Profit                     | 101.9%       | 21.7%                        | 36.7%        | 10.2%        | 15.1%        | 18.9%        |
| Net Income                           | 38.0%        | 30.9%                        | 48.6%        | 14.5%        | 18.8%        | 21.1%        |
| EPS                                  | 38.0%        | 30.9%                        | 48.6%        | 14.5%        | 18.8%        | 21.1%        |
| EBITDA                               | 257.4%       | 37.0%                        | 35.4%        | 18.6%        | 9.6%         | 11.8%        |
| <b>Margins (%)</b>                   |              |                              |              |              |              |              |
| Gross Margins                        | 85.1%        | 86.5%                        | 85.8%        | 83.3%        | 83.4%        | 83.3%        |
| Operating Profit Margin              | 13.2%        | 13.5%                        | 16.0%        | 15.3%        | 15.9%        | 17.0%        |
| Net Profit Margin                    | 8.4%         | 9.2%                         | 11.8%        | 11.8%        | 12.6%        | 13.7%        |
| EBITDA Margins                       | 23.4%        | 27.0%                        | 31.6%        | 32.6%        | 32.1%        | 32.2%        |
| <b>Ratios (%)</b>                    |              |                              |              |              |              |              |
| ROA                                  | 432.8%       | 624.1%                       | 1065.9%      | 1529.6%      | 2826.6%      | 15522.5%     |
| ROE                                  | 3.7%         | 4.6%                         | 6.5%         | 7.0%         | 7.7%         | 8.6%         |
| Debt/Equity                          | 0.1x         | 0.1x                         | 0.0x         | 0.0x         | 0.0x         | 0.0x         |

| <b>Exhibit 20: Financial Summary</b> |              | <i>High Bracket Estimates</i> |              |              |              |              |
|--------------------------------------|--------------|-------------------------------|--------------|--------------|--------------|--------------|
| <i>Year Ending Dec</i>               | <b>2021E</b> | <b>2022E</b>                  | <b>2023E</b> | <b>2024E</b> | <b>2025E</b> | <b>2026E</b> |
| Revenue                              | 48.8         | 58.1                          | 67.8         | 78.7         | 88.4         | 99.4         |
| Operating Profit                     | 7.2          | 9.6                           | 12.5         | 13.8         | 16.6         | 20.0         |
| Net Income                           | 4.7          | 6.9                           | 9.6          | 11.0         | 13.5         | 16.2         |
| EPS (EUR)                            | 0.1          | 0.2                           | 0.3          | 0.3          | 0.4          | 0.5          |
| <b>Growth rates (%)</b>              |              |                               |              |              |              |              |
| Revenue                              | 24.7%        | 19.0%                         | 16.7%        | 16.2%        | 12.3%        | 12.4%        |
| Operating Profit                     | 136.0%       | 34.1%                         | 29.7%        | 10.5%        | 20.6%        | 20.3%        |
| Net Income                           | 67.9%        | 45.9%                         | 38.9%        | 15.0%        | 22.6%        | 20.3%        |
| EPS                                  | 67.9%        | 45.9%                         | 38.9%        | 15.0%        | 22.6%        | 20.3%        |
| EBITDA                               | 291.4%       | 43.2%                         | 32.3%        | 18.9%        | 13.7%        | 14.1%        |
| <b>Margins (%)</b>                   |              |                               |              |              |              |              |
| Gross Margins                        | 85.6%        | 87.0%                         | 86.8%        | 83.8%        | 84.0%        | 84.3%        |
| Operating Profit Margin              | 14.7%        | 16.6%                         | 18.4%        | 17.5%        | 18.8%        | 20.1%        |
| Net Profit Margin                    | 9.7%         | 11.9%                         | 14.1%        | 14.0%        | 15.2%        | 16.3%        |
| EBITDA Margins                       | 24.4%        | 29.4%                         | 33.3%        | 34.1%        | 34.5%        | 35.0%        |
| <b>Ratios (%)</b>                    |              |                               |              |              |              |              |
| ROA                                  | 521.0%       | 817.4%                        | 1260.2%      | 1708.6%      | 2841.6%      | 7107.1%      |
| ROE                                  | 4.5%         | 6.2%                          | 8.0%         | 8.5%         | 9.5%         | 10.3%        |
| Debt/Equity                          | 0.1x         | 0.1x                          | 0.0x         | 0.0x         | 0.0x         | 0.0x         |

Note: All figures in EUR mn, unless stated differently

## 7.2 GG's Balance Sheet Forecast

| <b>Exhibit 21:<br/>Consolidated<br/>Balance Sheet</b> |              | All figures in EUR mn, unless stated differently |              |              |              | <i>Low Bracket Estimates</i> |  |
|---|--------------|--|--------------|--------------|--------------|------------------------------|--|
| <i>Year Ending Dec</i>                                | <b>2021E</b> | <b>2022E</b>                                     | <b>2023E</b> | <b>2024E</b> | <b>2025E</b> | <b>2026E</b>                 |  |
| Total current assets                                  | 27.8         | 33.4   | 43.7         | 57.3         | 72.2         | 90.1                         |  |
| Total non-current assets                              | 116.8        | 114.1  | 109.5        | 102.8        | 96.0         | 89.2                         |  |
| <b>TOTAL ASSETS</b>                                   | <b>144.5</b> | <b>147.5</b>                                     | <b>153.2</b> | <b>160.2</b> | <b>168.2</b> | <b>179.3</b>                 |  |
| Total current liabilities                             | 12.9         | 12.8   | 12.9         | 13.3         | 13.0         | 12.7                         |  |
| Total non-current liabilities                         | 24.7         | 22.7   | 20.7         | 18.7         | 16.7         | 15.7                         |  |
| <b>TOTAL LIABILITIES</b>                              | <b>37.6</b>  | <b>35.5</b>                                      | <b>33.6</b>  | <b>32.0</b>  | <b>29.8</b>  | <b>28.5</b>                  |  |
| Total shareholder's equity                            | 107.0        | 112.0  | 119.6        | 128.2        | 138.5        | 150.9                        |  |
| <b>TOTAL LIABILITIES &amp;<br/>EQUITY</b>             | <b>144.6</b> | <b>147.6</b>                                     | <b>153.2</b> | <b>160.2</b> | <b>168.2</b> | <b>179.3</b>                 |  |

| <b>Exhibit 22:<br/>Consolidated<br/>Balance Sheet</b> |              | All figures in EUR mn, unless stated differently |              |              |              | <i>High Bracket Estimates</i> |  |
|---|--------------|--|--------------|--------------|--------------|-------------------------------|--|
| <i>Year Ending Dec</i>                                | <b>2021E</b> | <b>2022E</b>                                     | <b>2023E</b> | <b>2024E</b> | <b>2025E</b> | <b>2026E</b>                  |  |
| Total current assets                                  | 28.6         | 33.6   | 42.9         | 55.9         | 73.9         | 94.3                          |  |
| Total non-current assets                              | 116.6        | 115.4  | 112.7        | 108.0        | 103.3        | 98.6                          |  |
| <b>TOTAL ASSETS</b>                                   | <b>145.2</b> | <b>149.0</b>                                     | <b>155.5</b> | <b>164.0</b> | <b>177.1</b> | <b>192.9</b>                  |  |
| Total current liabilities                             | 12.8         | 12.6   | 12.6         | 13.1         | 12.8         | 12.4                          |  |
| Total non-current liabilities                         | 24.7         | 21.7   | 18.7         | 15.7         | 15.7         | 15.7                          |  |
| <b>TOTAL LIABILITIES</b>                              | <b>37.5</b>  | <b>34.3</b>                                      | <b>31.4</b>  | <b>28.8</b>  | <b>28.5</b>  | <b>28.1</b>                   |  |
| Total shareholder's equity                            | 107.8        | 114.7  | 124.2        | 135.2        | 148.7        | 164.9                         |  |
| <b>TOTAL LIABILITIES &amp;<br/>EQUITY</b>             | <b>145.3</b> | <b>149.0</b>                                     | <b>155.6</b> | <b>164.0</b> | <b>177.2</b> | <b>193.0</b>                  |  |

## 8. Analyst Certifications

I, Ayushi Saraswat, certify that all the views expressed in this research report accurately reflect my personal views about the subject security and the subject Company, based on the collection and analysis of public information and public Company disclosures.

I, Sachin Salian, certify that all the views expressed in this research report accurately reflect my personal views about the subject security and the subject Company, based on the collection and analysis of public information and public Company disclosures.

### Important disclosures

Arrowhead Business and Investment Decisions, LLC has received fees in 2021 and will receive fees in 2021 from Global Graphics PLC for researching and drafting this report and for a series of other services to Global Graphics PLC, including distribution of this report and networking services. Neither Arrowhead BID nor any of its principals or employees own any long or short positions in Global Graphics PLC. Arrowhead BID's principals currently have a mandate for investment banking services from Global Graphics PLC and expect to receive compensation for investment banking activities from Global Graphics PLC in 2021 or beyond. Aside from certain reports published on a periodic basis, the large majority of reports are published by Arrowhead BID at irregular intervals as appropriate in the analyst's judgment.

Any opinions expressed in this report are statements of Arrowhead BID's judgment to this date and are subject to change without notice.

This report was prepared for general circulation and does not provide investment recommendations specific to individual investors. As such, any of the financial or other money-management instruments linked to the company and company valuation described in this report, hereafter referred to as "the securities", may not be suitable for all investors.

Investors must make their own investment decisions based upon their specific investment objectives and financial situation utilizing their own financial advisors as they deem necessary.

Investors are advised to gather and consult multiple sources of information while preparing their investment decisions. Recipients of this report are strongly advised to read the Information on Arrowhead Methodology section of this report to understand if and how the Arrowhead Due Diligence and Arrowhead Fair Value Bracket integrate alongside the rest of their stream of information and within their decision-making process.

Past performance of securities described directly or indirectly in this report should not be taken as an indication or guarantee of future results. The price, value of, and income from any of the financial securities described in this report may rise as well as fall and may be affected by simple and complex changes in economic, financial and political factors.

Should a security described in this report be denominated in a currency other than the investor's home currency, a change in exchange rates may adversely affect the price of, value of, or income derived from the security.

This report is published solely for information purposes and is not to be considered in any case as an offer to buy any security, in any state.

Other than disclosures relating to Arrowhead Business and Investment Decisions, LLC, the information herein is based on sources Arrowhead BID believes to be reliable but is not guaranteed by Arrowhead BID and does not purport to be a complete statement or summary of the available data.

Arrowhead Business and Investment Decisions, LLC is not responsible for any loss, financial or other, directly or indirectly linked to any price movement or absence of price movement of the securities described in this report.

## 9. Notes and References

- i. Source: Bloomberg, retrieved on August 17, 2021
- ii. Source: Bloomberg: 52 weeks to August 17, 2021
- iii. Source: Bloomberg: 3 months to August 17, 2021
- iv. Source: Bloomberg
- v. Source: Arrowhead Business and Investment Decisions Fair Value Bracket-AFVBTM. See information on valuation on pages 31-34 of this report and important disclosure on page 38 of this report
- vi. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- vii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- viii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- ix. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- x. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xi. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xiii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xiv. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xv. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xvi. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xvii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xviii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xix. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xx. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xxi. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xxii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xxiii. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xxiv. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xxv. Source: Company website, Annual Report 2020, Investor Presentation April 2021, Listing Prospectus – HYBRID Acquisition
- xxvi. Source: Investor Presentation April 2021
- xxvii. Source: Investor Presentation April 2021
- xxviii. Source: Investor Presentation April 2021
- xxix. Source: Investor Presentation April 2021
- xxx. Source: Listing Prospectus – HYBRID Acquisition
- xxxi. Source: Company website, Annual Report 2020, Investor Presentation April 2021
- xxxii. Source: Company website
- xxxiii. Source: Investor Presentation April 2021
- xxxiv. Source: <https://www.xerox.com/en-us/digital-printing/insights/what-is-digital-printing>
- xxxv. Source: <https://www.kaocollins.com/inktank/offset-vs-digital-printing/>
- xxxvi. Source: Investor Presentation April 2021

- 
- xxxvii. Source: [https://www.memjet.com/wp-content/uploads/2020/07/NAPCO-Report\\_Inkjet-Primed-for-Mainstream-FINAL.pdf](https://www.memjet.com/wp-content/uploads/2020/07/NAPCO-Report_Inkjet-Primed-for-Mainstream-FINAL.pdf)
- xxxviii. Source: [https://www.memjet.com/wp-content/uploads/2020/07/NAPCO-Report\\_Inkjet-Primed-for-Mainstream-FINAL.pdf](https://www.memjet.com/wp-content/uploads/2020/07/NAPCO-Report_Inkjet-Primed-for-Mainstream-FINAL.pdf)
- xxxix. Source: <https://www.metal-am.com/am-market-forecast-to-reach-51-billion-by-2030/>
- xl. Source: <https://www.grandviewresearch.com/press-release/global-ceramics-market>
- xli. Source: <https://www.alliedmarketresearch.com/digital-textile-printing-market>
- xlii. Source: Bloomberg
- xliii. Source: Bloomberg
- xliiii. Source: Bloomberg
- xliv. Source: Company Filings
- xlvi. Source: Bloomberg