

1H2017 Results Briefing

1 August 2017



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Presentation Outline

Corporate Overview

Corporate Developments

Financial Highlights

Market Outlook & Growth Strategies

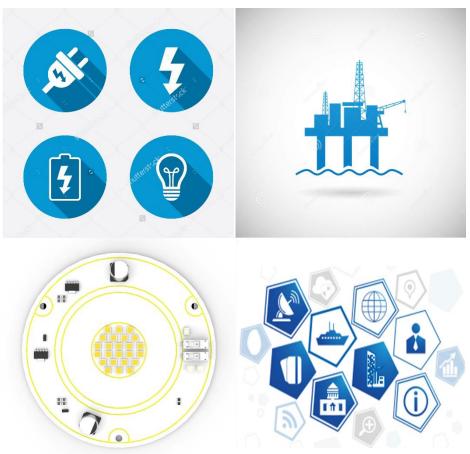


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Corporate Overview

Supply Chain Management



Engineering Solutions & Services

Cyber & Sensing Security

Design & Manufacturing

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Corporate Overview



- Established since 1963
- SGX listed company since September 2005
- Certified ISO 9001:2000 Operations Value Added Services to Customers
- Strategically headquartered in Singapore
- Global clientele outreach spanning across South East Asia, East Asia, Middle East, India Sub Continent, Australia and Europe

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Supply Chain Management

One Stop Marine & Offshore Electrical Supplies

Cable Solutions

Lighting Solutions



- Marine Cables
- Offshore Cables
- Industrial Cables
- Marine Data and Coaxial Cables
- Cables Accessories



- Marine & Offshore Lightings
- ATEX Lightings
- LED Lightings
- Lighting Accessories



- ATEX Sounders & Beacons
- Alarms & Signalling Equipment
- Ship Horns
- Battery Chargers and Accessories
- Switchboard Controls & Automation

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Supply Chain Management



- Wide portfolio of marine & offshore cable and lighting solutions
- Fully equipped warehouse
- Provision of interim inventory storage

- JIT deliveries
- Sales, Technical & Engineering Support
- Team dedicated to serve

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Engineering Services

- BOS Offshore & Marine Pte Ltd, a 90% owned subsidiary specialises in engineering and procurement solutions in electrical, instrumentation and telecommunications (EIT) systems for onshore and offshore facilities
- Business is complementary to Supply Chain Management business and enables crossselling
- Ongoing project with KHI (Kawasaki Heavy Industries)



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Design & Manufacturing

Galvanized Steel Wire

- Formed <u>Gulf Specialty Steel Industries ("GSSI"</u>) in 2011 with Omani partner, Takamul Investment (subsidiary of Oman Oil), in a 51/49% joint venture
- GSSI manufactures galvanized steel wire for use in armoring cables, targets customers in the Middle East





Design & Manufacturing

LED Lighting Solutions

- BH Global owns 43% of associate company, <u>GL Lighting Holding Pte Ltd ("GLH")</u>
- Global leader in light engine integration solutions with 18 years of experience
- Strong R&D and engineering team
- Integrate LED lighting solutions for marine & offshore applications
- Operations in Shanghai and Kunshan, with new Kunshan factory to be ready end 2017







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Design & Manufacturing

Our Valued Partners





Lighting Solutions Making LED Lighting Solutions Simple[™]

FAGERHULT





Our LED Solutions











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Cyber Security

- BH Global's 90% owned technology arm since mid-2014
- Specialised in Enterprise IT Security and Critical Infra-structure Protection

TRANSPORTA

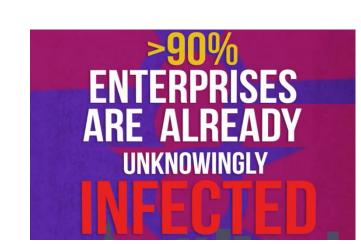
• To source and market **radically different and effective** cyber-security technological products and services which have already done well in their countries of origins but yet to gain traction in SG

Attacks No Longer Limited To Enterprise Networks, but Critical Infra-Structures



ENERGY

www.bhglobal.com.sg









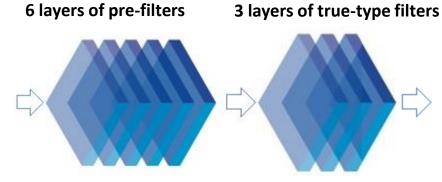


WATER SUPPLY

Cyber Security

Core of Athena GS Technology Content Dis-construction, Neutralisation & Re-construction (CDNR)

Achieving >7 Year of zero infection in site of deployment



Signature-based detection

Non-detection based **CDNR** deep cleansing







Invea-Tech

An international vendor of ultra-high-speed network

BHGLOBAL

athena

dynamics

Sasa-Software A unique strong-gate, 9-laver, ultra-deep-scanning malvare and APT filter accredited by the highest certification authority in its country of origin

Advenica A leader in cybersecurity, protecting critical infrastructures with innovative solutions designed to enable secure information exchange for organisations in the digital world

FireEye

behaviour monitoring and security solutions specialized in flow monitoring (NetFlow/IPFIX), Network Behavior Analysis (NBA), FPGA acceleration, IP Data Retention and IP Lawful Interception



NETWORKS

nel-less "new generation VPN"

that's it!

Certes Networks A high-bandwidth encryption technology that offers application-aware, end-to-end, session-less, tun-

FireEve A leader in advanced malware, zero-day exploits, APTs

Resilient Systems A leading Incident Response Platform (IRP) that

augments enterprise BCM and DR framework, empowering organizations to thrive in the face of cyberattacks and business crises



IT Care Center (ITCC) An ultra-low-cost, full-service platform for ITIL and ITSM compliant enterprise IT operation management

ICS² Intelligent Cyber Security for Industrial Control Sys-

BUFFERZONE A patented containment solution that defends endpoints against advanced malware and zero-day attacks while maximizing user and IT productivity

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Cyber Security



Vulnerability Assessment & Pen Testing (VAPT)

- Cyber-Attack Vulnerability Testing for Enterprise IT Security and Critical Infra-structures
- Singapore-Based Alliance of World-Class Hackers from Countries at War
- Expert World-Class Competition Winner In Critical Infra-Structure Protection (CIP) since 2010

The Dam Gate Control Function was penetrated and accessed via internet within 7 hours of <u>consented hacking</u>

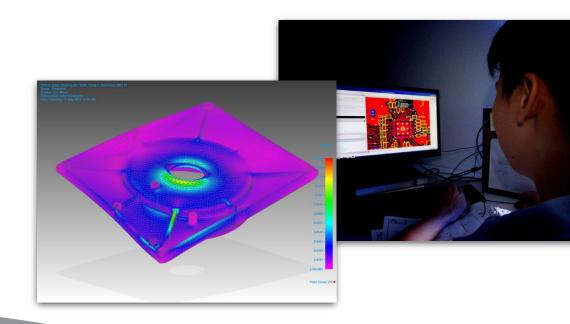


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BH GLOBAL

- BH Global's 51% owned Hi-Tech subsidiary since Jun 2016
- Singapore based company established in 2006
- Global leading technologies in Infra-red Health Screening and Night Vision Security





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- Proven Accuracy Sentry Series of MFSS are the only system proven to effectively screen for Mild Fever (=>37.6deg C)
- Deployment in all terminals of Changi Airport and operates 24/7 since 2014 w/o human intervention





BH GLOBAL

MONDAY, MAY 19, 2014 THE STRAITS TIMES

sengers arriving from Doha walking past a thermal scan obridge in Changi Airport vesterday. ST PHOTO: KEVIN LIM

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Marine Night Vision

- Only a handful of competitor globally
- Innovative designs
- High performance
- Suitable for all types of vessels
- Secured military project

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Corporate Developments



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Corporate Developments

Supply Chain Management

- Remains profitable and our core business
- Entry into:
 - Distribution and Representation Agreement, and
 - Prepayment Agreement with our cable supplier, Seoul Electric Wire
- We remain the preferred vendor of many established clientele

Design & Manufacturing

- GLH: New Kunshan factory to be completed in end 2017 which will significantly boost manufacturing capacity
- GSSI: Production stabilised but market is challenging

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Corporate Developments

Engineering Services

- Ongoing creditor's voluntary liquidation proceedings of it's subsidiary Oil & Gas Solutions Pte. Ltd. ("OGS")
- BOS Engineering progresses well in KHI project and looking for next offshore project in Japan
- Move away from CM and focus on EPPM (Engineering, Procurement & Project Management)

Security

- **Cyber Security:** Acquired classified and Critical Infra Structure projects
- Sensing Systems: Acquired ICA projects including Changi airport, seaport and check points Successfully acquired Japan project

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Financial Highlights



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Financial Highlights - Profit & Loss (2Q2017)

	2Q2017 (S\$'000)	2Q2016 (S\$'000)	Change (%)
Revenue	7,883	12,265	(36)
Gross Profit	2,934	4,604	(36)
Gross Profit Margin	37%	38%	(1) ppt
Operating Expenses ¹	3,280	3,762	(13)
Profit from Operations	61	789	N.M.
Net Profit Attributable to Shareholders	38	1,127	(97)
Net Profit Margin	N.M.	9%	N.M.
Basic EPS (cents) ²	0.03	0.94	N.M.

ppt: Percentage points

N.M.: Not mentionable

¹: Includes selling & distribution expenses and administrative expenses

²: Calculated based on the total number of issued shares (excluding treasury shares)

In issue 119,999,995 as at 30 June 2017 (30 June 2016: 119,999,995)

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Financial Highlights - Profit & Loss (1H2017)

	1H2017 (S\$'000)	1H2016 (S\$'000)	Change (%)
Revenue	16,820	24,978	(33)
Gross Profit	7,082	8,857	(20)
Gross Profit Margin	42%	35%	7 ppt
Operating Expenses ¹	6,719	8,314	(19)
Profit from Operations	711	453	57
Net Profit Attributable to Shareholders	405	21	N.M.
Net Profit Margin	2.4%	N.M.	N.M.
Basic EPS (cents) ²	0.34	0.02	N.M.

ppt: Percentage points

N.M.: Not mentionable

¹: Includes selling & distribution costs and administrative costs

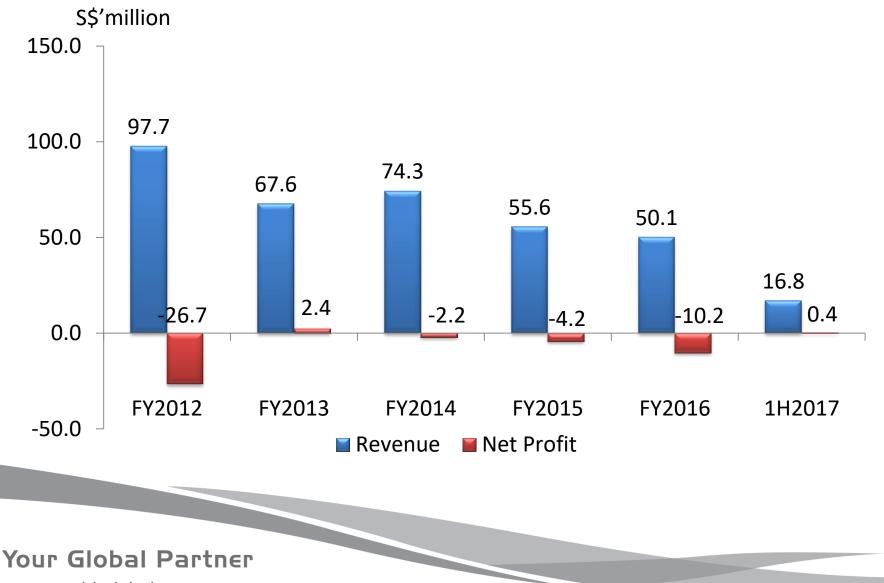
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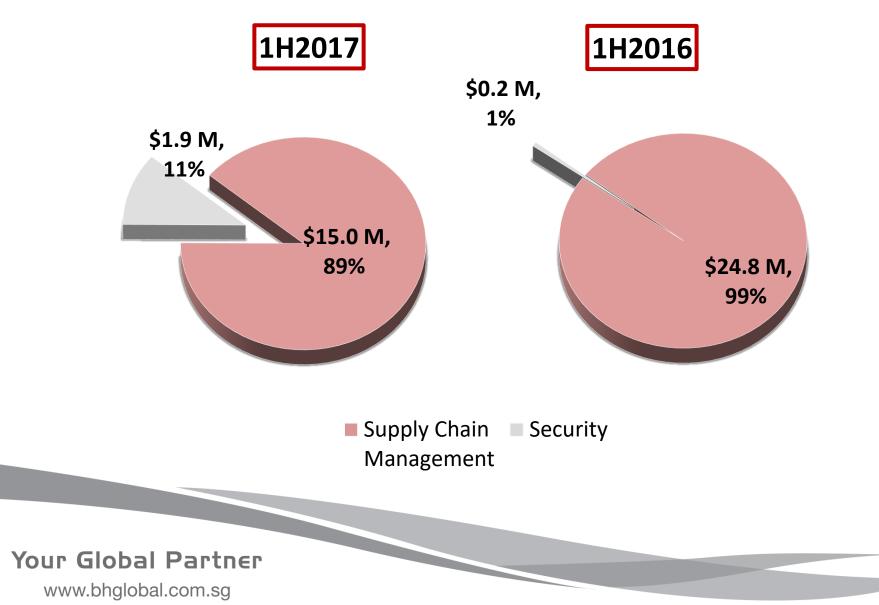


Revenue and Net Profit



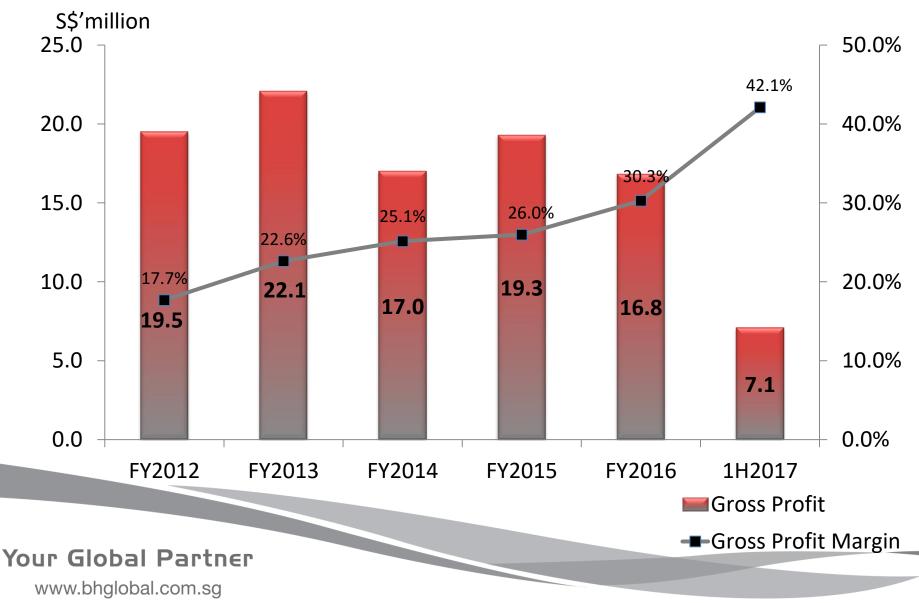


Revenue Breakdown





Gross Profit and GPM





Financial Highlights – Balance Sheet

	30 Jun 2017 (S\$'000)	31 Dec 2016 (S\$'000)
Property, Plant & Equipment	15,232	15,827
Inventories	27,095	27,179
Cash & Cash Equivalents	5,860	7,040
Total Borrowings	10,936	14,090
Total Equity	60,893	60,851
Gross Gearing Ratio	18.0%	23.2%
Net Gearing Ratio ¹	8.3%	11.6%
Net Asset Value per Ordinary Share (Singapore Cents)	48	48

1: Net Gearing Ratio is calculated based on (Total Borrowings – Cash & Cash Equivalents) / Total Equity





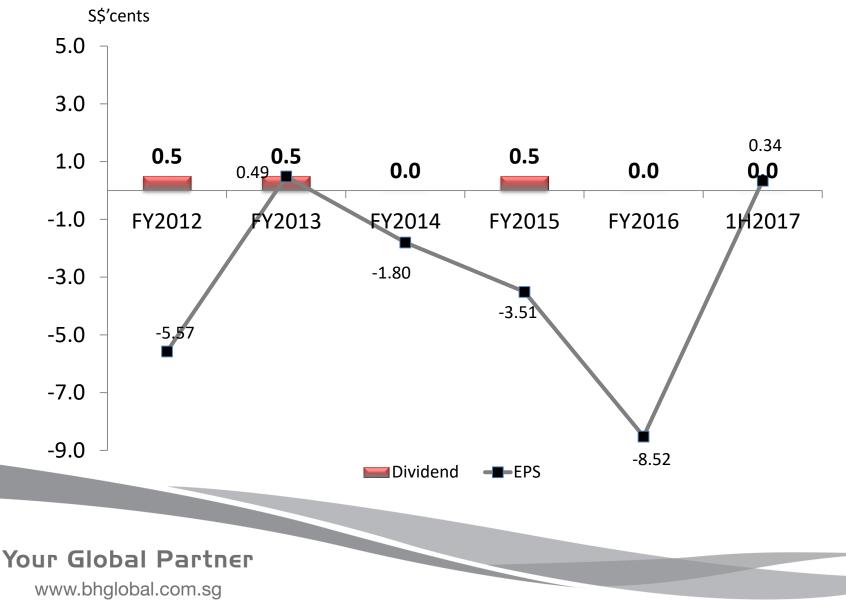
Financial Highlights – Cashflow

	1H2017 (S\$'000)	1H2016 (S\$'000)
Profit/(Loss) before tax, total	370	354
Net cash from/(used in) Operating activities	1,752	(4,401)
Net cash from/(used in) Investing activities	298	(2,616)
Net cash (used in)/from financing activities	(3,230)	5,340
Net (decrease)/increase in cash and cash equivalents	(1,180)	(1,677)
Cash and cash equivalents at end of period	5,860	2,672

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Dividends and EPS







Market Outlook & Growth Strategies

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Market Outlook

> Marine & Offshore Industries continues to be lacklustre

• O&G Industry continues to be in a consolidation phase and although oil prices have stabilised, operational environment has yet to recover

"Green" LED Lighting continues to grow in importance

• LED lighting for retrofitting is in demand due to their higher energy efficiencies, cost savings and eco-friendliness

> Technology playing a more vital role in security

- With the current level of technological globalisation, new security threats are on the rise and technology plays a critical role in identifying these threats
- Many corporations and governments (including Singapore) are looking to further address these threats, especially in the face of recent attacks (e.g. WannaCry, Petya/Petna malware, etc.)

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Growth Strategies

Our focus for 2017 is to improve efficiency levels throughout our business as well as seek out viable opportunities which will prepare us for when the industry recovers

Supply Chain Management

- Fortify our existing partnerships
- Improve on logistics and inventory management and cost controls
- Explore projects to improve productivity
- Invest in potential high growth areas with tangible returns

Manufacturing

- **GLH** Keep efficiency levels up while awaiting completion of Kunshan factory
- **GSSI** Work closely with Omani JV partner to explore all further options

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Growth Strategies

Engineering

- Ensure smooth operations of BOS Offshore & Marine Pte Ltd
- Monitor the progress of project closely to avoid future project delays and cost overruns
- Intention to dispose of the remaining shipyard in Batam remains a priority



Security

 Focus on gaining exclusive distributorship and the development of the channel structures in Singapore and the region



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Share Statistics

Share price (as of 28 July 2017)	S\$0.140
Market capitalization	S\$16.8 million
52 week high/low	S\$0.300/0.125
Annualised EPS (Cents)	0.68
NAV per share	S\$0.480
P/E ratio	N/A
P/B ratio	0.29
Dividend Yield	N/A





Thank You!

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