# ASTI

# ASTI HOLDINGS LIMITED

Blk 25 Kallang Avenue #06-01 Kallang Basin Industrial Estate Singapore 339416 www.astigp.com

### COMPANY BACKGROUND

Listed on the mainboard of the Singapore Exchange, ASTI Holdings Limited is a company uniquely positioned to serve the needs of the semiconductor industry. Under the umbrella of the ASTI Group of companies, we provide an integrated range of services comprising Backend Equipment Solutions & Technologies ("BEST") and Services.

A leader in the manufacture of semiconductor equipment, we research, design, develop and manufacture semiconductor equipment for customers. Further enhancing our manufacturing capabilities are our equipment contract manufacturing services, which manufacture precision parts, modules and standalone equipment assembly. Ranked amongst the world's leading semiconductor manufacturing services providers, we strive to continually deliver world-class services to our customers to help them optimise their resource utilisation. We also design and develop advanced packaging solutions for semiconductors, targeting the mobility and 3C convergent markets.

Globally, ASTI has 3 research and development centres, 10 factories and 24 sales offices. Our operations are located in Southeast Asia, Greater China, Korea, the United States of America and the United Kingdom. We have a library of more than 100 patents in vision systems, semiconductor assembly technologies and electromechanical systems.

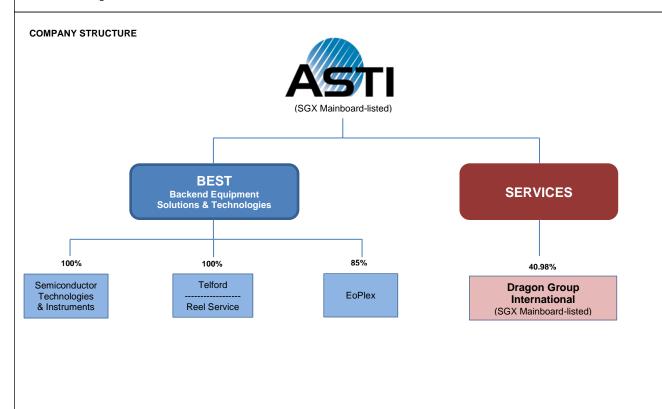
Through our extensive geographical network, we are able to provide distribution services across many countries in Asia. In aggregate, the ASTI Group of companies has the ability to offer a suite of integrated and synergistic solutions to our customers.

ASTI also has a controlling equity interests in Dragon Group International Limited ("Dragon Group" or "DGI"). The shares of DGI are quoted on the Singapore Exchange.

## **KEY FINANCIAL HIGHLIGHTS**

	S\$'000					
	1Q18	1Q17	% Change	FY17	FY16	FY15
Revenue	36,543	24,399	50%	123,905	141,883	116,539
Gross Profit	13,805	8,165	69%	44,051	45,778	38,447
Operating Profit/(Loss)	2,287	(4,840)	NM	(10,920)	(6,010)	(44,993)
Profit/(Loss) Before Tax	1,603	(5,183)	NM	(13,216)	(7,326)	(46,054)
Net Profit/(Loss)	434	(5,315)	NM	(14,603)	(7,363)	(46,890)
Profit/(Loss) Attributable to Owners of the Company	1,317	(3,626)	NM	(4,397)	1,038	(20,478)
Adjusted EBITDA	3,267	(3,573)	NM	(289)	3,765	(1,140)
EPS (cents)	0.20	(0.55)	NM	(0.67)	0.16	(3.13)
NAV per share (cents)	9.18	9.05	1%	8.95	9.60	9.54
Cash Balance	23,019	24,525	-6%	29,616	39,174	41,247
	Turnover (S\$'000)					
	1Q18	1Q17	% Change	FY17	FY16	FY15
BEST	36,262	24,002	51%	121,230	136,938	113,318
Distribution & Services	281	397	-29%	2,675	4,945	3,221
TURNOVER	36,543	24,399	50%	123,905	141,883	116,539

NM: not meaningful



## CORPORATE INFORMATION

Listing Status: SGX Mainboard

Geographical Locations: Singapore, China, Hong Kong, Korea, Malaysia, Philippines, Taiwan, Thailand, United Kingdom, United States

# **Key Management**

Executive Chairman & Chief Executive Officer: Dato' Michael Loh Soon Gnee

Group Administrative Officer: Mr Timothy Lim Boon Liat

Finance Controller: Mr Anthony Loh Sin Hock

## **Basic Share Data**

Share price as at 31<sup>st</sup> May 2018: S\$0.068

Share Issued: 654.7 million shares (excluding treasury shares)

Shareholders: Approximately 4,425 Market Capitalisation as at 31<sup>st</sup> May 2018: S\$44.5 million

Reporting periods: Dec(F), Mar/Jun/Sep (Q)

## **HISTORY & MILESTONES**

- 1990 Telford industries Pte Ltd ("Telford") commenced the tape & reel services to Printed Circuit Board Assembly ("PCBA") manufacturers.
- Telford established TQS Manufacturing Sdn Bhd ("TQS") in Johor to expand into Malaysia. 1994
- 1995 Telford set up 2nd operation in Penang, Malaysia.
- 1997 Flextech Holdings Limited (now known as "Dragon Group International Limited" or "DGI") acquired two business units, SPAC and QAS of Texas Instruments Inc. through Semiconductor Technologies & Instruments Pte Ltd ("STI PL") and Semiconductor Technologies & Instruments Inc. ("STII") in Dallas respectively.
- STII completed development of its wafer inspection equipment and sold to major semiconductor manufacturers in Japan and Europe, 1998 representing its first foray into the front-end inspection equipment industry for the semiconductor manufacturing process.
- 1999 ASTI was publicly listed.
- 2000 Acquisition of 60% stake in Reel Service Limited, a manufacturer and service provider. The acquisition provided ASTI with a global network of facilities covering Southeast Asia, Europe and the United States.

Set up STI Precision Engineering Sdn Bhd (now known as Emerald Precision Engineering Sdn Bhd, ("Emerald")), 60% owned subsidiary in Johor, Malaysia,

Telford expanded into Philippines. Telford Svc. Phils. Inc. ("Telford Phil.") offers back-end semiconductor manufacturing services such as taping, detaping as well as inspection and other related activities.

- 2001 STI PL set up Semiconductors Technologies & Instruments Taiwan Inc. ("STI Taiwan"), a sales & service support centre in Taiwan.
- 2005 Tape & Reel and Programming Services facility in Shanghai, China - Telford Manufacturing Service Shanghai Ltd ("Telford Shanghai").

ASTI migrated from SESDAQ to Mainboard in Singapore Exchange on 28 April 2005.

- 2006 Acquisition of 51.4% of SGX SESDAQ-listed Advanced Systems Automation Limited ("ASA"), a global manufacturer of semiconductor equipment, to expand into additional business sectors as well as accelerating its expansion into North Asia, especially China.
- Acquisition of Dragon Technology Distribution Co., Ltd ("Dragon Technology") and Dragon Trading (Shanghai) Company Limited ("DTS") 2007 through Flextech. This enables Flextech to expand its reach in North Asia through the newly acquired extensive network.

Flextech changed its name to DGI.

- 2008 Emerald becomes a wholly owned subsidiary.
- ASA established Dragon Microfits Sdn. Bhd. ("Dragon Microfits") in Penang, Malaysia. 2011

Spire Technologies Pte Ltd ("Spire") and its subsidiaries become wholly owned subsidiary companies of DGI.

2012 Commenced development of advanced packaging solutions (through EoPlex, Inc.) targeting towards mobility and 3C convergent market.

Acquisition of 45% of Auramas Teknologi Sdn. Bhd. ("Auramas" Tecknologi Sdn. Bhd. ("Auramas"), to extend the Group's core competency in its Equipment Contract Manufacturing Service ("ECMS") business.

2013 Acquisition of additional 10% of Auramas to become 55%. Auramas ceased to become an associate of ASA and became a subsidiary of ASA.

Auramas changed its name to ASA Multiplate Sdn Bhd ("ASA Multiplate").

Acquisition of Emerald by ASA from ASTI as part of the Group's restructuring plan to consolidate its resources in its precision engineering activities under the ECMS business.

- 2014 Acquisition of additional 35% of ASA Multiplate to become 90%.
- 2015 DGI set up EoCell Limited in Hong Kong as an investment vehicle to explore opportunities in battery industry. EoCell Limited incorporated EoCell Inc as a research and development centre for battery and storage solutions.