



ASM  Pacific Technology

Q3 2021 INVESTOR PRESENTATION

27th October 2021

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AGENDA

-  **Group Key Highlights**
-  **Financial Performance**
-  **Outlook**
-  **Q&A**



GROUP KEY HIGHLIGHTS

Group Key Highlights



Excellent Execution Amidst Supply Chain Challenges



Broadening Customer Base for Advanced Packaging



Experiencing Strong Demand from Automotive End Market



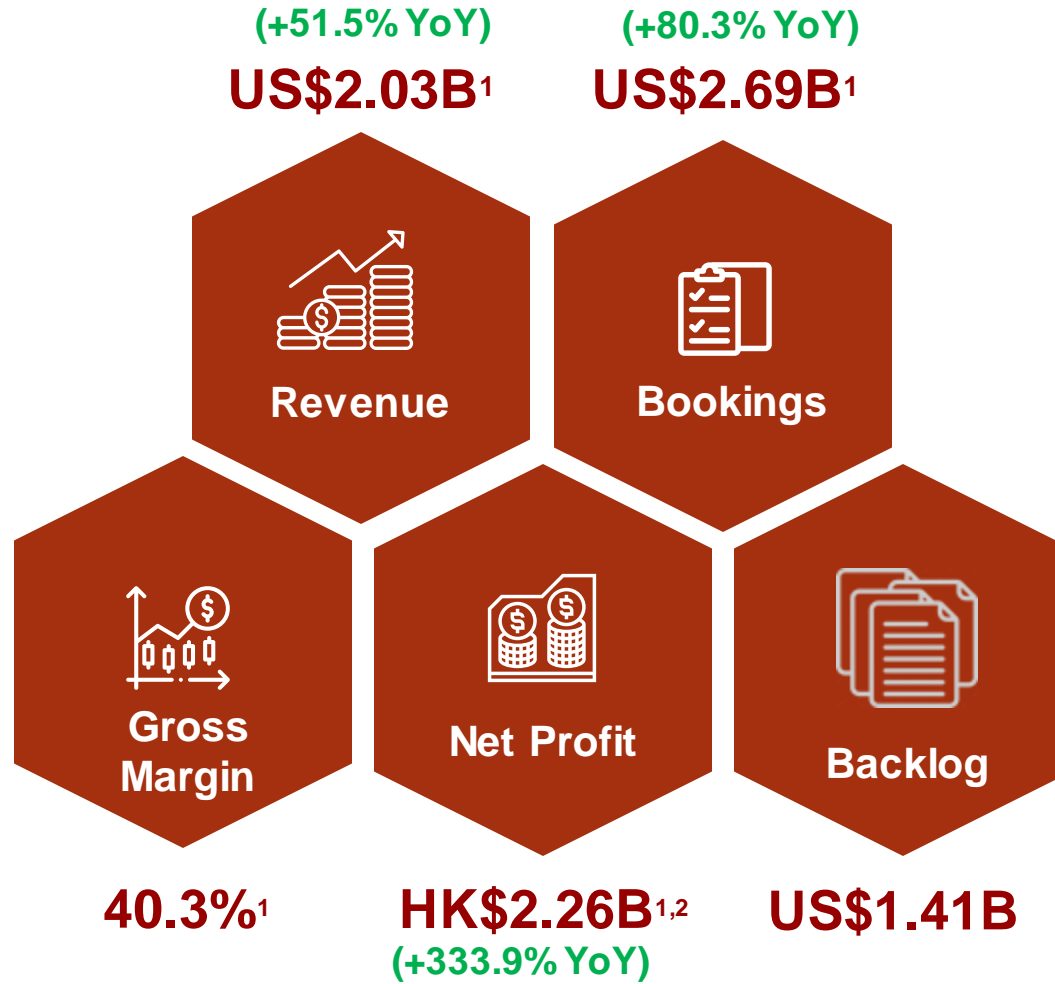
Strategic Acquisition of Automation Engineering, inc. (AEi)



FINANCIAL PERFORMANCE

9M 2021 Group Financial Results

Record Bookings, Revenue and Net Profit³



Notes

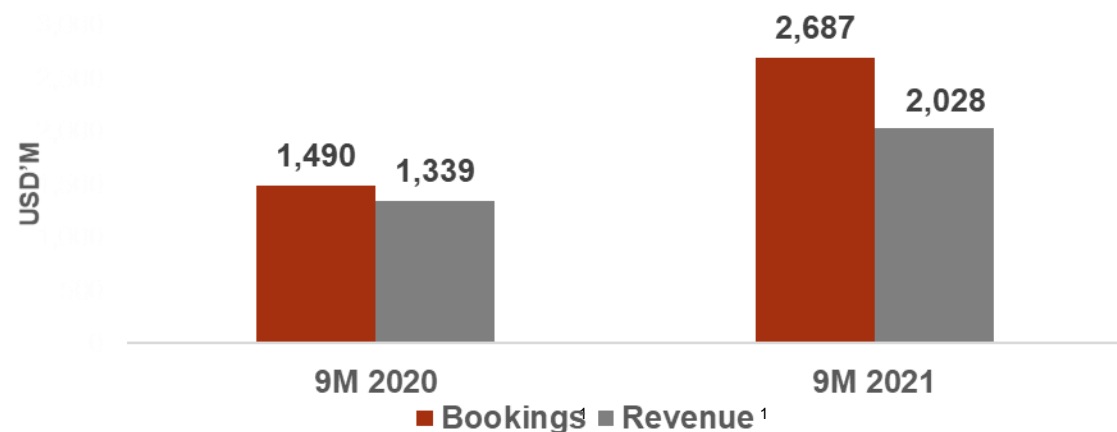
¹ excluding contributions from the Materials Segment, which has been deconsolidated and equity accounted for since 29 December 2020

² including share of results from AAMI, a joint-venture, commencing from the beginning of 2021

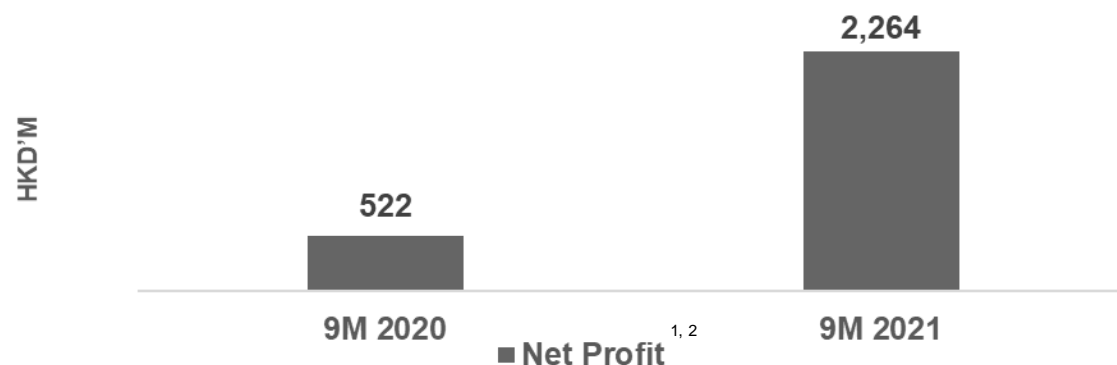
³ compared with historical 9M net profits and excluding 2011 and 2017 one-off items

9M 2021 Group Financial Results

Record Bookings, Revenue and Net Profit³



Gross Margin ¹	36.7%	40.3%
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Net Profit Margin ^{1, 2}	5.0%	14.4%
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Record bookings, revenue and net profit³
Substantial backlog of US\$1.41B and book-to-bill ratio of 1.33

- Bookings remained elevated
- YoY gross margin improved sharply to 40.3%

Strong revenue performance driven by:

- Customers building self-sufficiency and supply chain resilience
- Long-term secular growth trends driving demand in silicon consumption
- Broad-based end-market demand growth recovery
- Under-investment of capital equipment in previous years

Record³ net profit of HK\$2.26B, a 333.9% YoY increase
Record³ EPS of HK\$5.49

Notes

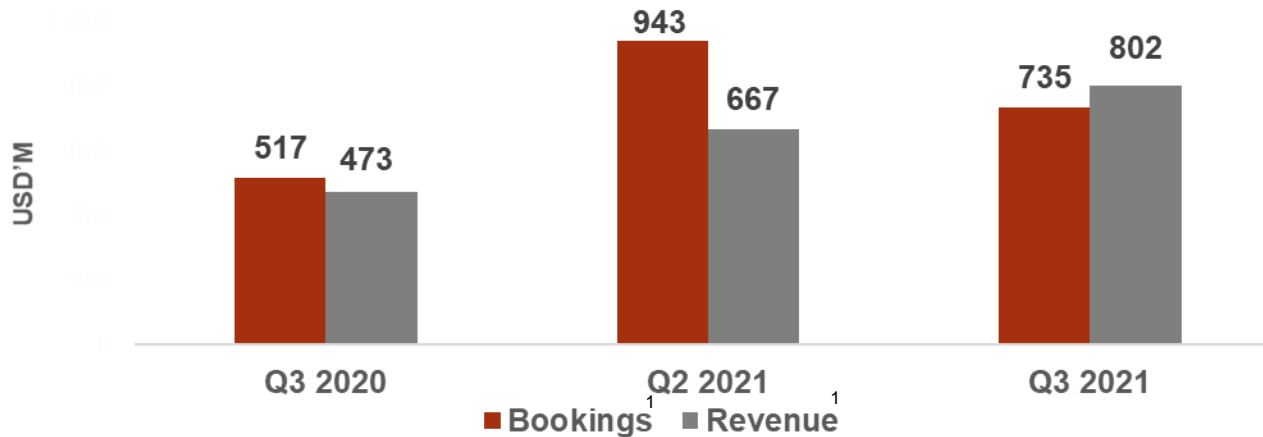
¹ excluding contributions from the Materials Segment, which has been deconsolidated and equity accounted for since 29 December 2020

² including share of results from AAMI, a joint-venture, commencing from the beginning of 2021

³ compared with historical 9M net profits and EPS, excluding one-off items in 9M 2011 and 9M 2017

Q3 2021 Group Financial Performance

Record Revenue, Exceeded Guidance

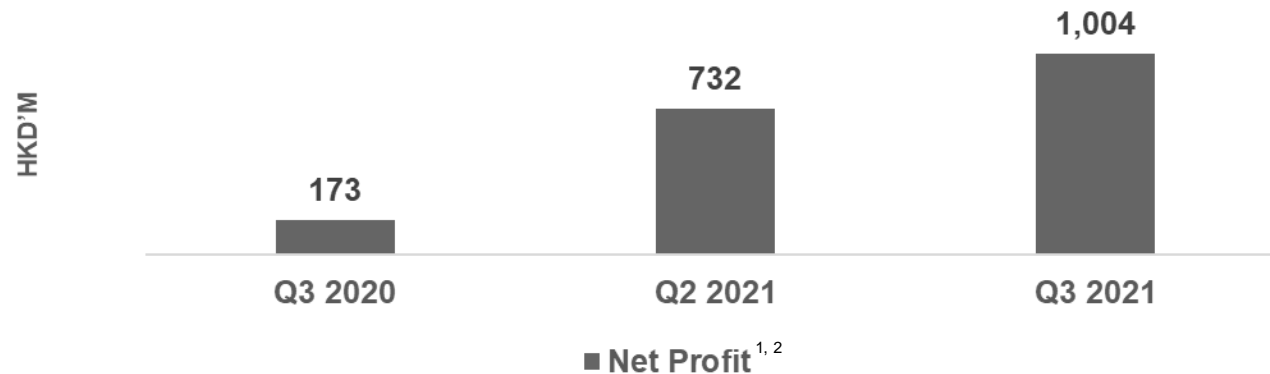


Record revenue exceeded top end of guidance

Bookings remained elevated relative to historical Q3 levels, increasing YoY, albeit moderated from high base in Q2

Gross Margin ¹	35.1%	40.6%	40.6%
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Sharp GM YoY improvement to 40.6%



Record³ net profit of HK\$1,004M, a 480.6% YoY increase

Net Profit Margin ^{1, 2}	4.7%	14.1%	16.1%
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Notes

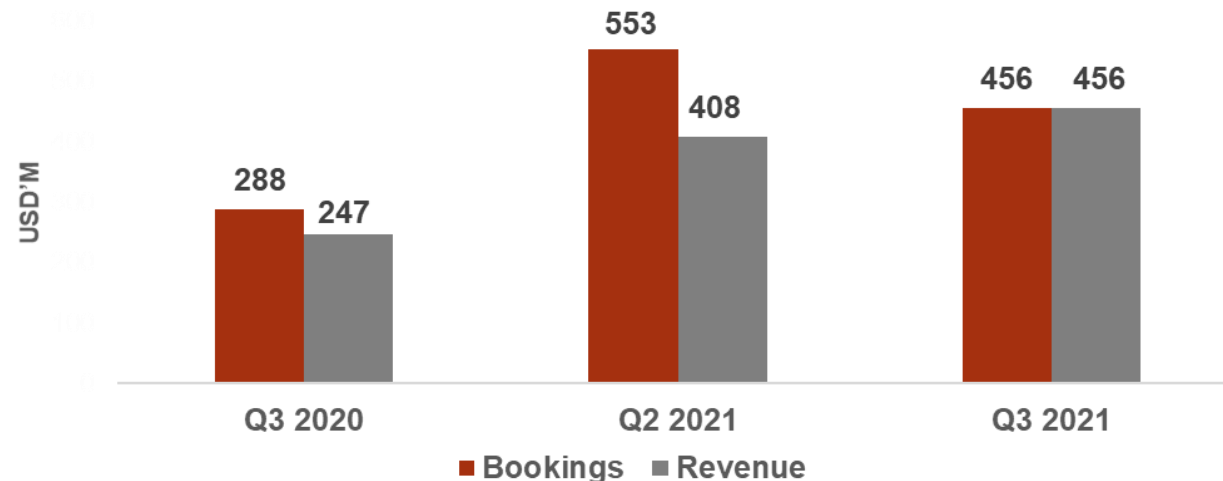
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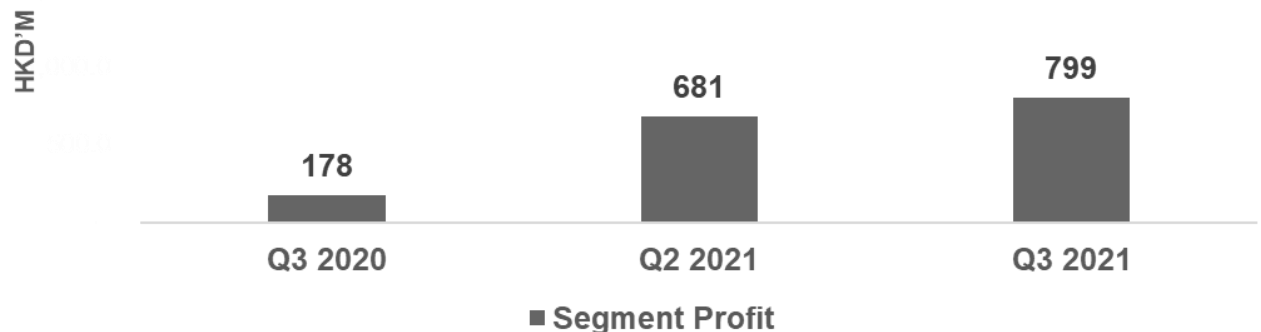
³ compared with historical quarterly net profits, and excluding one-off items in Q1 2011 and Q4 2020

Q3 2021 Semiconductor Solutions Segment Performance

Strong Revenue with Sharp YoY Segment Profit Improvement



Gross Margin	40.0%	43.8%	43.6%
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Segment Margin	9.3%	21.5%	22.5%
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Robust QoQ and YoY revenue growth
Segment profit of HK\$799M, a 349.1% YoY increase

Strong bookings, albeit moderating off a high base in Q2

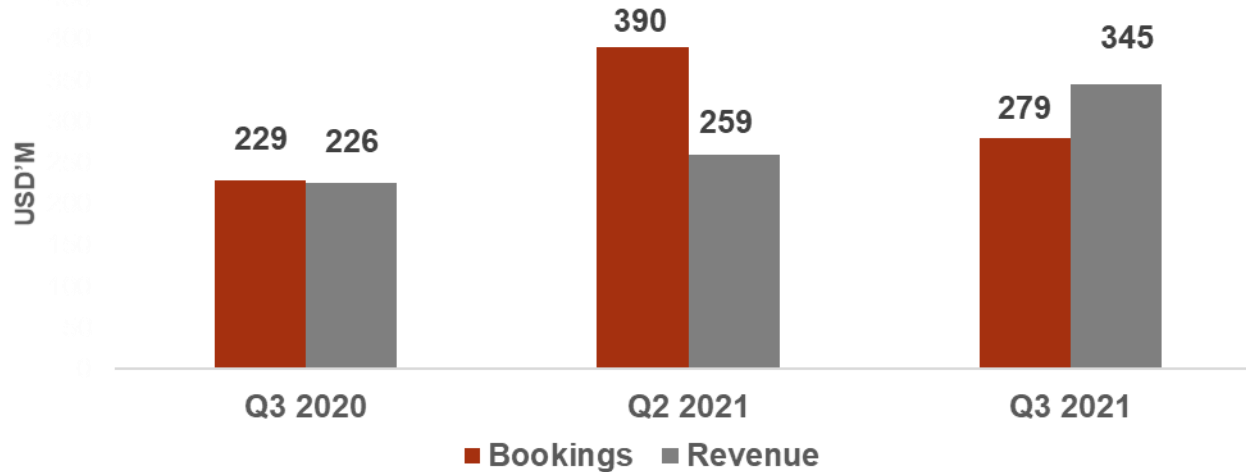
Strong revenue attributed to following Business Unit (BU) factors:

- IC/D BU
 - Accounted for majority of Segment Revenue
 - WB and DA dominated deliveries
 - FC Bonders experienced strong YoY growth
- Opto BU
 - Displays, general lighting & photonics applications showed QoQ & YoY growth
 - Encouraging contribution from ultra-precision placement tools for advanced displays (Mini & Micro LED)
- CIS BU
 - Consecutive QoQ growth due to broad customer base (including leading Tier-1 customers)

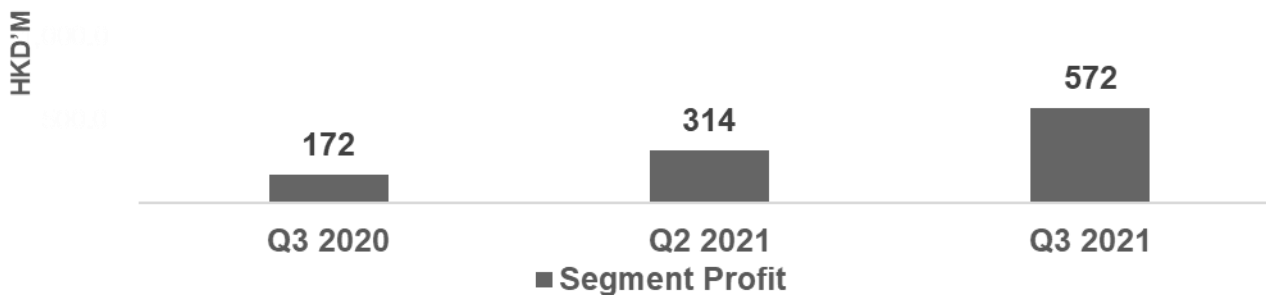
GM YoY improvement of 359 bps

Q3 2021 SMT Solutions Segment Performance

Strong Revenue with Sharp YoY Gross Margin Improvement



Gross Margin	29.9%	35.5%	36.6%
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Segment Margin	9.8%	15.6%	21.3%
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Robust QoQ and YoY revenue growth
Segment profit improved to HK\$572M, a 233.1% YoY increase

Bookings momentum

- Automotive and Industrial end market applications continued their strong momentum.
- Computing applications registered strong QoQ growth

Strong revenue performance underpinned by:

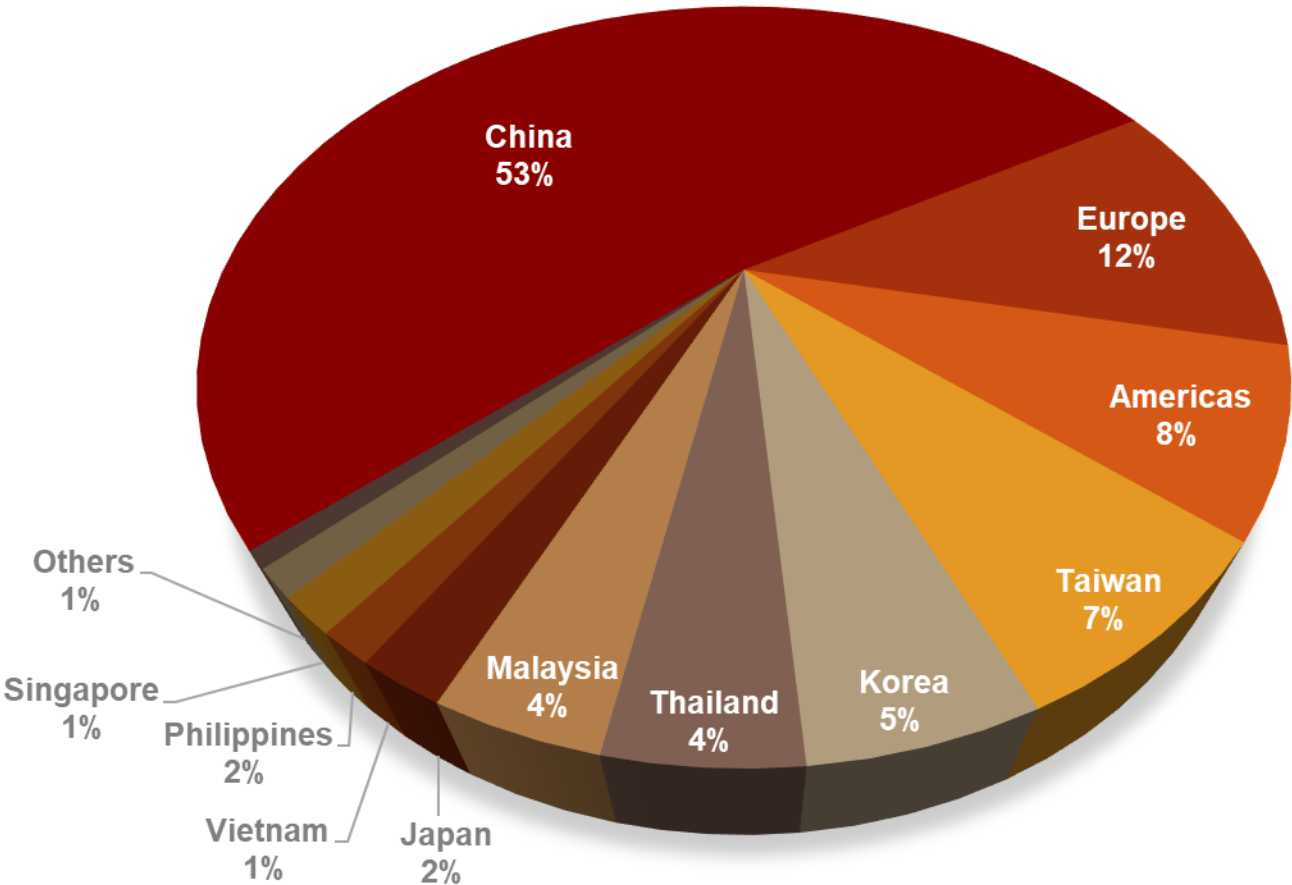
- Mainstream high-end placement tools delivering strong QoQ growth
- AP tools for SiP experiencing strong YoY growth driven by wearables and connectivity devices markets
- Mainstream printing tools experiencing strong YoY growth

Sharp GM YoY improvement of 675 bps

Key Partner to Industry Leading Customers

Serving Industry-Leading Semiconductor and Electronics Manufacturers Globally

9M 2021 Revenue Breakdown by Geography



Customer Groups

OEM

Fabless/Foundry

OSAT

EMS

IDM

LED Manufacturers

CIS Camera
Module
Manufacturers

High Density
Substrate
Manufacturers

Awards and Accolades in 2021 So Far

Intel **SAA** Supplier Achievement Award 2020

Intel Supplier Achievement Award (SAA)

- Recognised for COVID-19 Response
- One of only 38 suppliers in Intel supply chain to receive an SAA for 2020



Fifth VLSI Triple Crown in VLSIresearch Customer Satisfaction Survey 2021

- Among 10 Best Large Semiconductor Equipment Suppliers for 2021
- Top Assembly Equipment Manufacturer (5th year running)
- Voted among the best suppliers globally



Winner - Clarivate South and Southeast Asia Innovation Award 2021

- One of only 27 out of 270+ assessed companies to receive award
- Top Innovator in Corporations Category for Singapore
- Measured on patent volume and patent quality



OUTLOOK

Revenue Outlook

Q4 2021 Revenue Outlook



USD 720M to USD 770M

Supported by Strong Backlog

FY2021 Revenue Outlook



~USD 2.8B (+46% YoY)

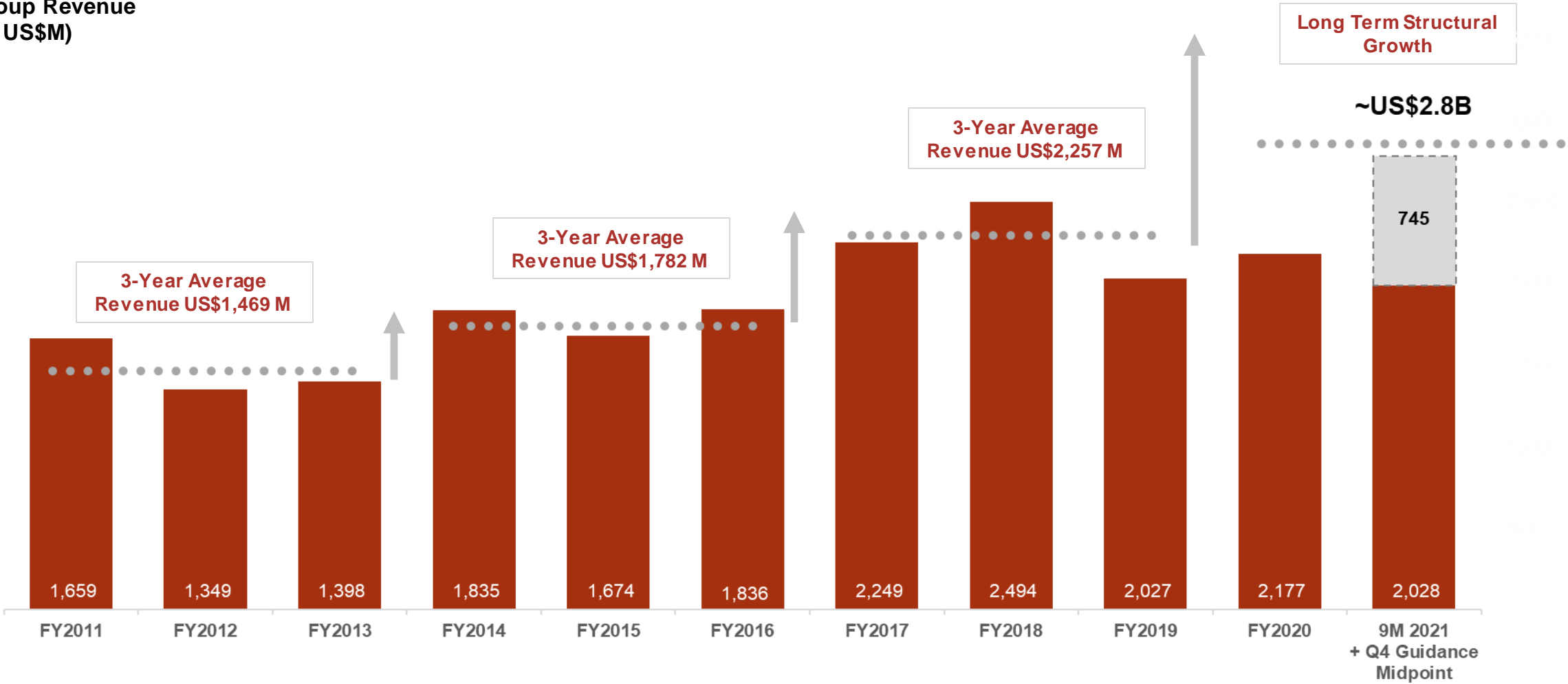
Poised to Achieve All-Time Record¹

¹ Based on 9M Actual results and mid-point of Q4 Guidance

Through-cycle Industry Revenue Growth

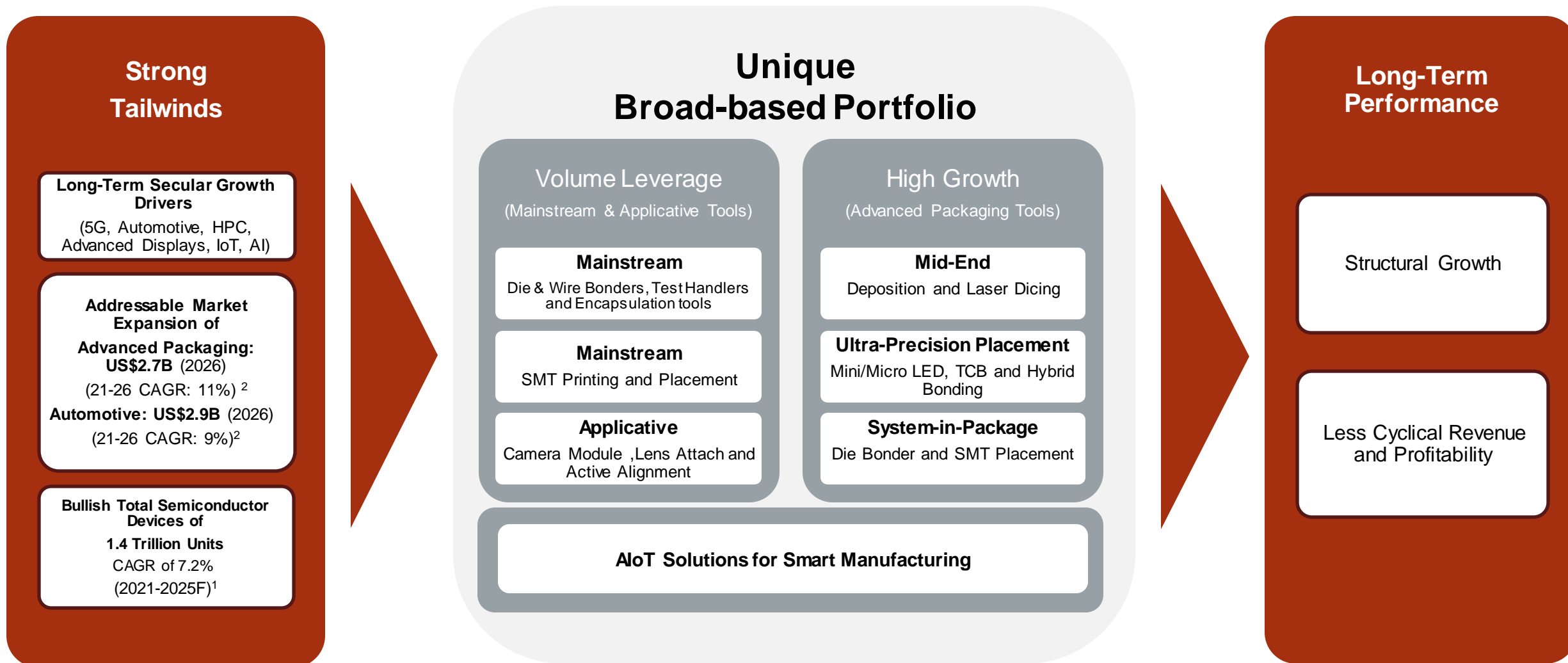
Unique Broad-based Portfolio Competitive Advantage

Group Revenue
(in US\$M)



Key Investor Takeaways

Achieving Long Term Structural Growth with Our Unique Broad-Based Portfolio



¹ VLSIresearch Worldwide Semiconductor History and Forecast, April 2021

² Company Management's Estimates

Strategic Acquisition of AEi

Expands Addressable Market for Camera Assembly and Testing

Background

- On 30 September 2021, ASMPT signed an agreement to acquire Myconic's subsidiary, Automation Engineering, Inc. ('AEi')
- AEi is the de facto leader in the automotive camera active alignment market
- Transaction is subject to satisfaction of customary closing conditions and regulatory approvals

Strategic Rationale & Opportunity

- Provides ASMPT with significant presence in total automotive camera assembly and test solutions for global Tier 1 and 2 automotive component providers
- Opens new adjacent market opportunities in security surveillance, drones and Light Detection and Ranging ('LiDAR') with an addressable market of US\$460M¹ by 2025
- AEi can tap on ASMPT's extensive global sales and fulfilment networks, particularly in Asia, to capture new and emerging opportunities at a faster pace

A Fully Automated ASMPT Production Line Process for Automotive Camera Complemented with AEi's Solutions



¹ Based on management's estimate

Strategic Acquisition of AEi

Expands Addressable Market for Camera Assembly and Testing

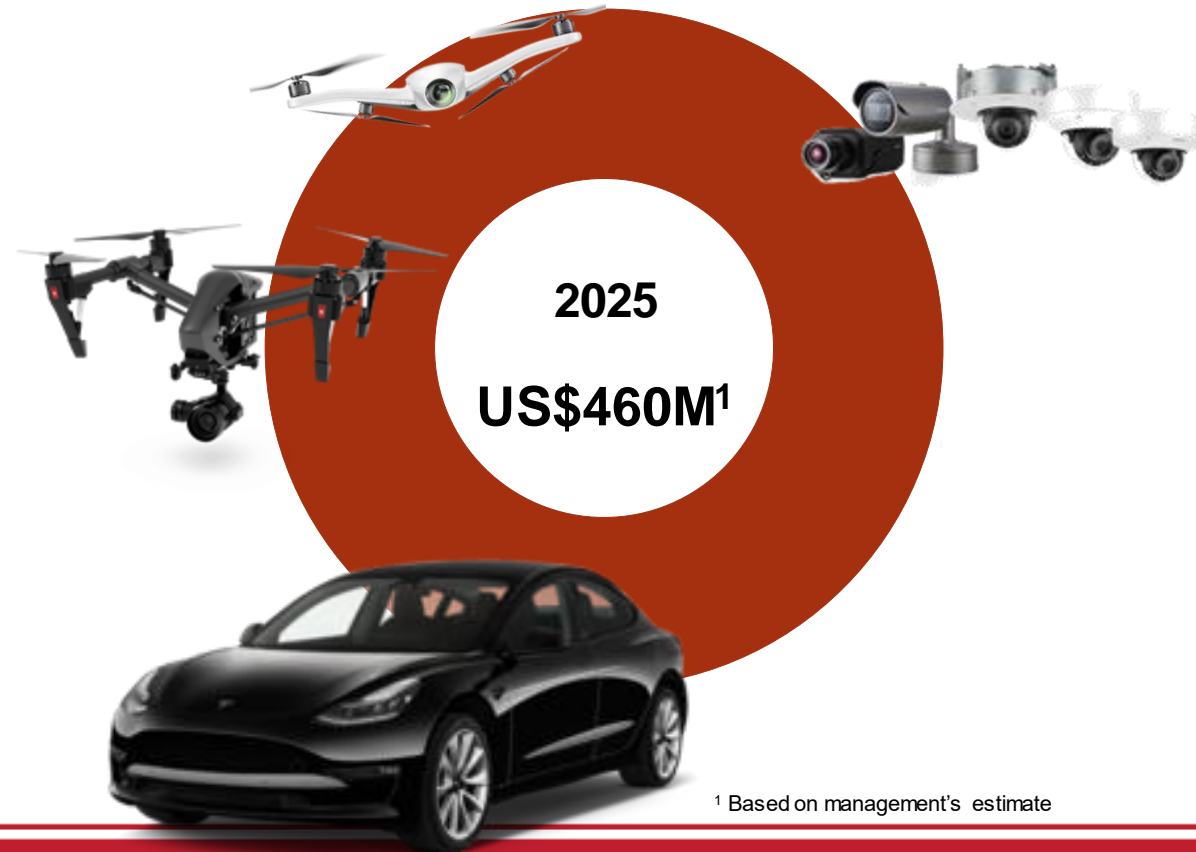
**Automotive Camera
Active Alignment Market**

**2021
US\$60M¹**



**Automotive Camera
Assembly and Test Solutions Market
+
Adjacent Markets
Security surveillance, drones & LiDAR**

**2025
US\$460M¹**



¹ Based on management's estimate



Q&A



THANK YOU