Presentation to Shareholders

AEM Holdings Ltd | AGM 26 April 2018

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Business highlights

- Leading global provider of high-end test handlers. Estimated global TAM of S$1 billion per year.
- Stable, 15+ year relationship with marque customer spanning 4 test handler platforms
- Attractive and durable core business based on selling handler platforms
  - Test handlers provide significant benefits to customer, reducing costs and increasing product yield
  - Each handler platform represents a proven, multi-year life cycle of equipment, upgrades and consumables sales
  - New high-volume platform represents multi-year opportunity for AEM
- Defensible competitive position
  - Highly complex customized equipment
  - Early customer engagement at R&D level
  - Integrated Field Service Support and Spares organization across multiple geographies
- Growth momentum
  - Growing order book for new high density modular test handler tools
  - Known upgrade and consumables opportunities for existing platforms

Note:- TAM means total addressable market

AEM's solutions

AEM's solutions cover logic, MEMS and RF, from wafer level to system level

Semiconductor



- High density modular automated test platform (HDMT)
- System level test Platform
- AOI solutions – below 2 micron and 3D inspection

MEMS



- Package and Wafer Level test solutions
- Pressure, Gyroscopic, Accelerometers, Humidity, Magnetometers, etc.

Test & Measurement

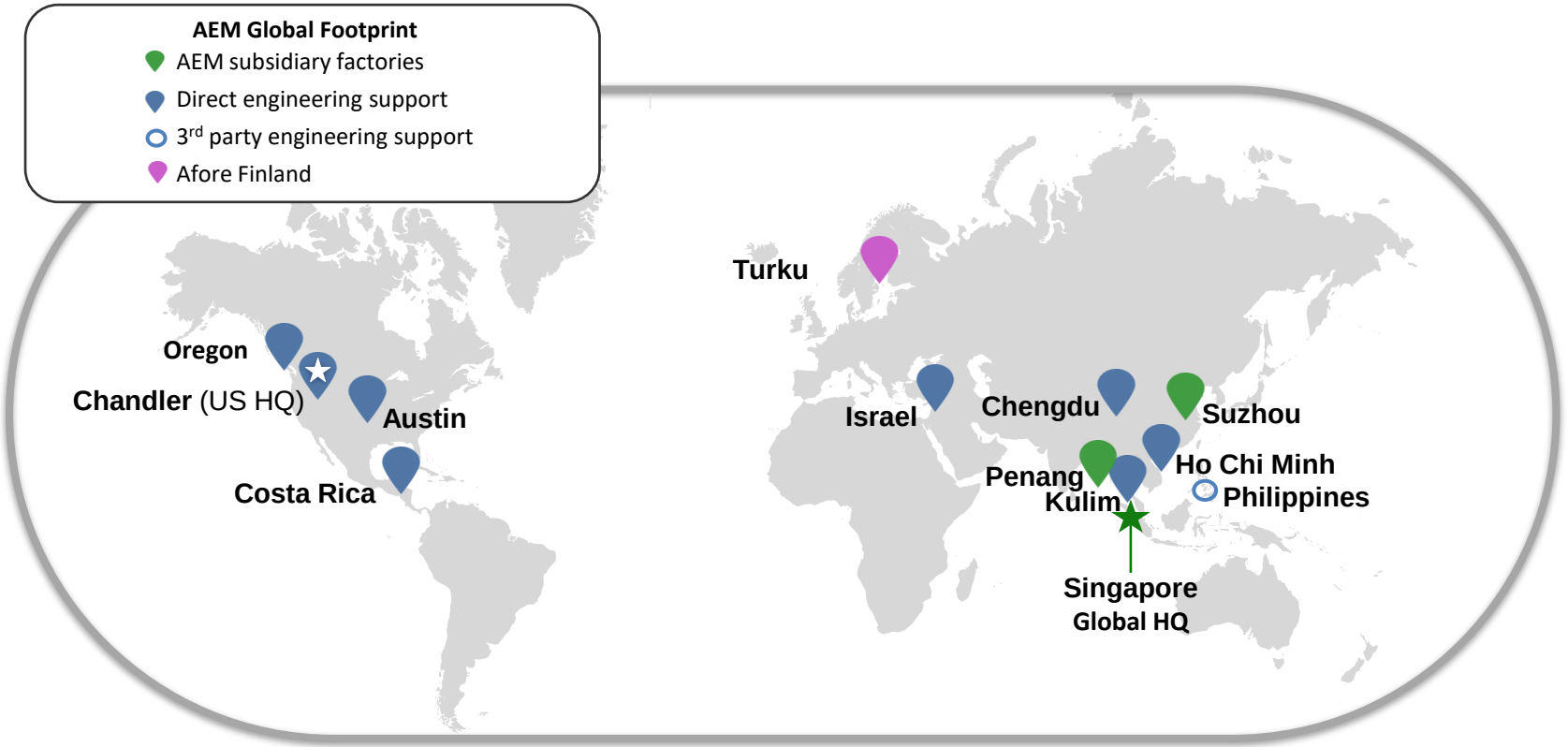


- Portable multi-mode vector network analyzers
- Cable testers
- Socket testers

Our solutions are the result of years of dedicated research and development, backed by intellectual property development and ownership

Note:- MEMS means Micro-Electro-Mechanical Systems, RF means radio frequency, AOI means Automated Optical Inspection

AEM's global footprint contributes sales, manufacturing, and field support to acquired businesses



Global platform provides merger synergies through both growth and global operating efficiencies

What has changed in the last 12 months?

Our business is on a solid growth footing as our investments continue to pay off

1 New handler platform is in full commercial ramp up and into replacement cycle of competitors' equipment

- Strong ramp in 2017 that is expected to continue in 2018 (as per our issued guidance)
- Expect to enter existing fleet replacement cycle from 2019 onwards with occasional quarterly ramps
- We expect continued requirement for pans and kits over the lifetime of our tools

2 Solid operational capability enhancement to drive customer satisfaction and operational excellence

- Rolling out extensive field service and quality organizations to support key customer 24/7 across multiple sites
- Continued opportunity to "lean" operations to drive productivity improvements
- Product improvement and cost reduction engineering initiatives

3 We see continue to seek diversification and growth opportunities

- New engineering resources have been hired to work on System Level Test & Inspection opportunities
- We continue to broaden our solutions footprint at our major customer
- Good execution on accretive and strategically diversified M&A (InspiRain, Afore, IRIS Solution)
- M&A program continues

A broader and technically deeper leadership team as the business scales

AEM's strategy and success have allowed us to attract more world-class talent

Additions to the AEM leadership team since last AGM



Vesa Hentonnen

CEO Afore

- Pioneer and inventor in MEMS testing
- Founder Afore Oy
- Patent holder
- Main designer at Consulting Engineering Firms before started Afore



Harshang Pandya

GM of Test & Measurement

- Co-founder InspiRain Technologies
- R&D lead, Agilent technologies
- Sr Engineer Pixelmetrix



TM Chua

VP Engineering

- Motorola Engineering Director, recognised as top 1.5% global engineers of Motorola
- 30 years industry veteran
- Holds a US patent
- PMP and six sigma green belt holder



Darren Lim

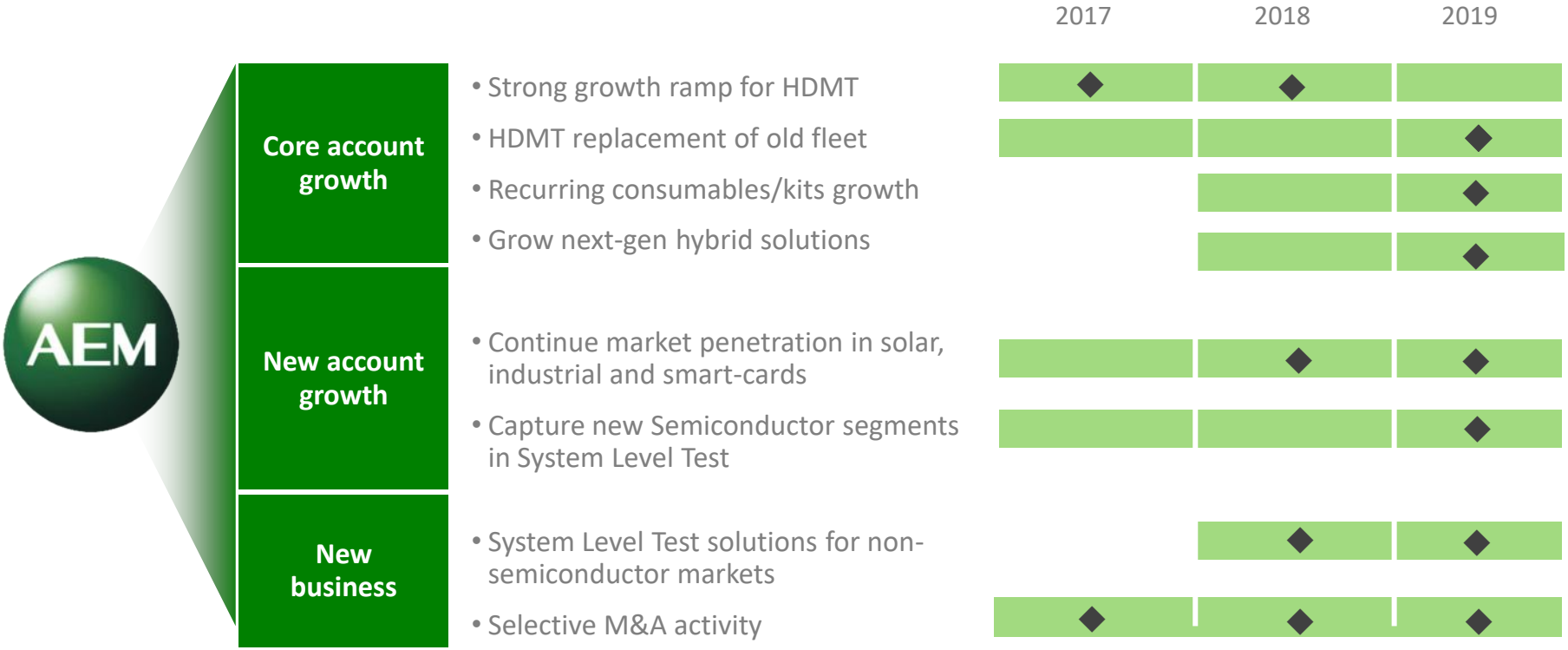
Scientist of Vision Laboratory

- Founder, CEO IRIS Solution
- 27 years industry veteran
- Leader in machine vision systems and solutions
- Research engineer with Gintic

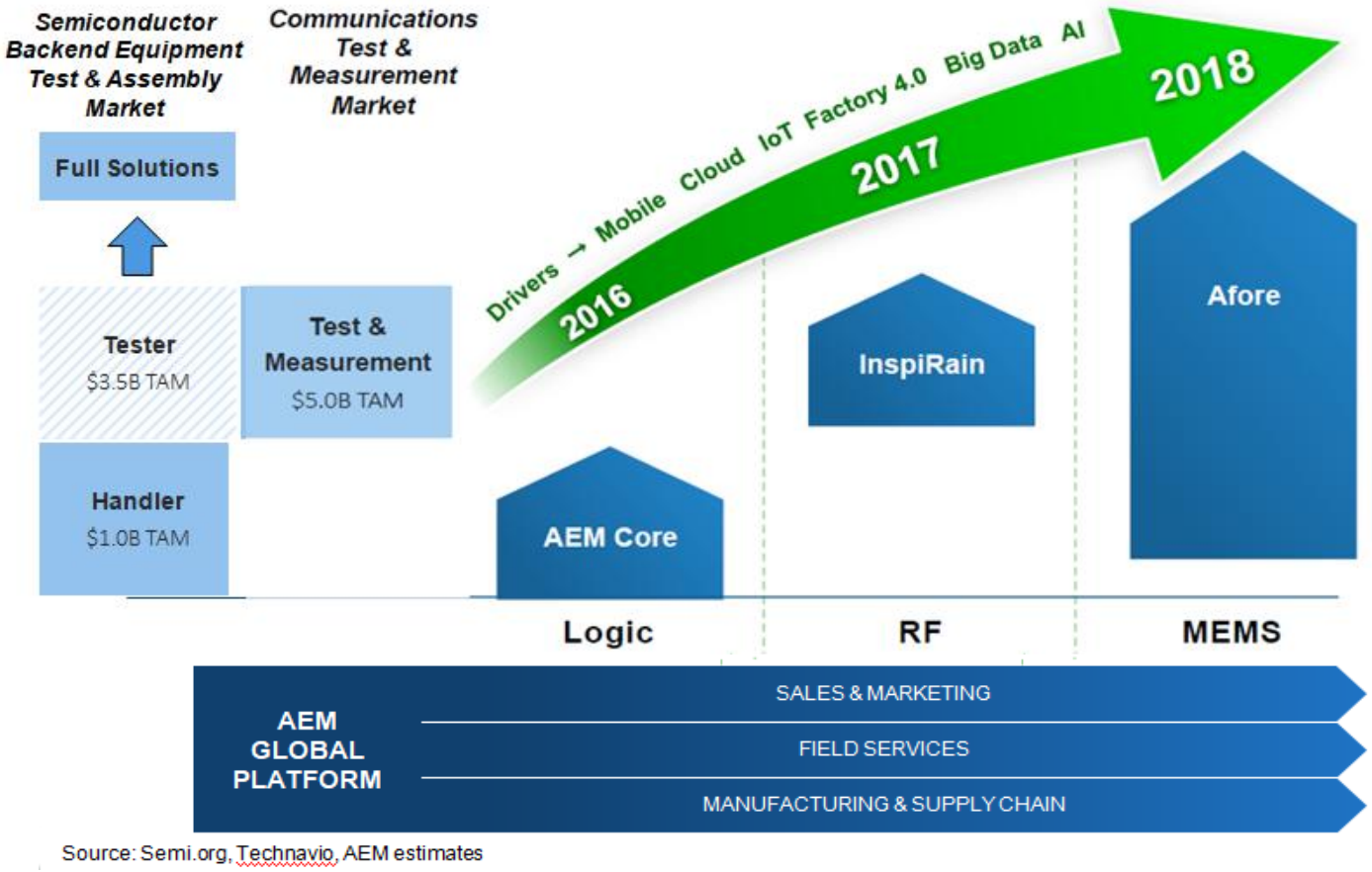
Scaling the leadership team has been a priority for AEM as we evolve the business into a diverse, multi-platform global company

Future earnings growth through consumables, new programs and M&A

HDMT program expected to hit maturity in 2019. Earnings growth will be driven through HDMT consumables, new key account programs, and new business units from 2019 and beyond



AEM's acquisition strategy drives market expansion & strong synergies…



Source: Semi.org, Technavio, AEM estimates

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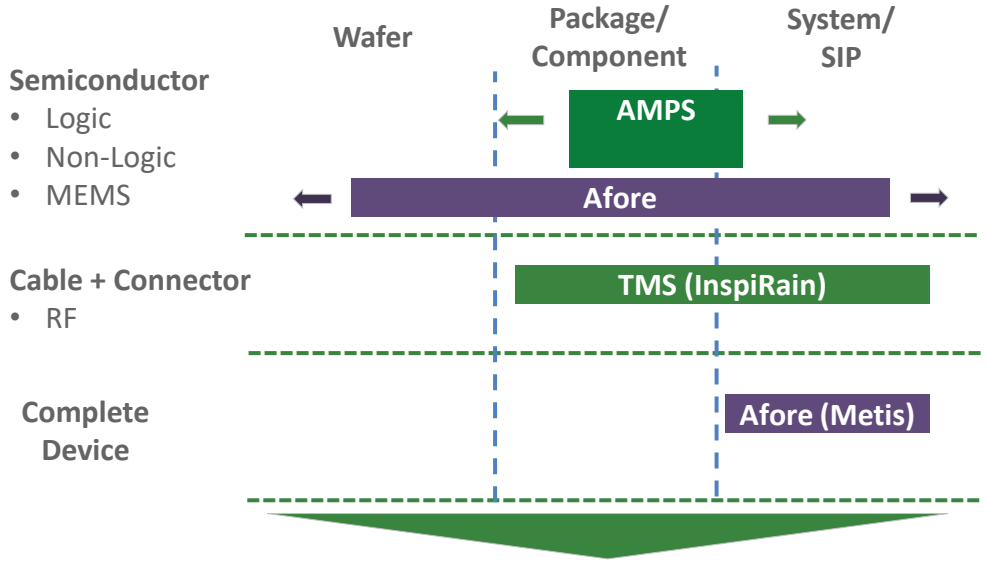
Acquisition of IRIS deepens engineering, product & technology capabilities across all segments for AEM

… and also drives AEM's industry leadership in a growing market

Macro Drivers

1. **Smart + Connected everything**
   Megatrends: AI, Big Data, IoT, 5G, Industry 4.0, Cloud Computing, Autonomous Driving
2. **Drives innovation + complexity in semiconductors & electronics + software integration**
3. **Semiconductors in "everything" drives the need for more comprehensive systems level testing at lower costs**

AEM's Roadmap



AEM's IP

- Asynchronous + modularity
- High parallelism + multi-site testing
- Active thermal control
- Central control software
- Machine learning
- Vision + Pick & Buffer ➡ Low index times

What is AMPS by AEM

AMPS

Asynchronous Modular Parallel Smart platform

- Singular Test framework that support for different testers or same testers/different-programs to coexist.
- Common, configurable test environment for both functional and system level test.
- Modular handler structure with advanced support for ATC & intelligent vision.
- Scalability that enable rapid high parallelism for fast pace environment.
- Tester Ecosystem 3rd party partners or customer in-house solutions
- Customized to your specific needs.

Note:- ATC means active thermal control

AEM has proven ability to build test platforms for large-scale global customers

Customized Design: Concept to Prototype

Volume Manufacturing and Global Field Service Support

1. Deep knowledge in next generation post assembly test solutions
   - Synchronous and Asynchronous test solutions
   - IP for modular and high density handler solutions
   - Familiarity with leading tester platforms and track record with software integration
2. In-house technologies
   - Active Thermal Control
   - Vision (AOI)
   - Asynchronous Test Control
   - Self-teach/ Machine Learning
   - Thermal and Fluid dynamics design
   - MEMS
   - RF
3. Competitive engineering cost with stringent IP framework
   - US and Asia development sites for round the clock development
   - Strict NDAs and IP control
   - Accelerated Life Testing for field reliability and preventive maintenance specifications
4. Mass production sites with world class quality
   - Supplier Recognition Award
   - Dual production sites
   - Globally recognized quality systems
5. Track record in global rollout and field service support
   - Over 800 tools supplied globally across sites in N America, EMEA, Asia
   - Extensive FSE network globally
6. Global supply chain and RMA
   - Global supply chain management including highly specialized suppliers from N America, Japan, Europe and Asia.



Test & Measurement

AEM Test and Measurement Solutions (AEM TMS) Journey



Note:- MMVNA means mixed mode vector network analyser

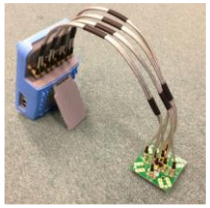
AEM TMS: Comparison with Traditional RF Testers



Traditional VNA

- Fewer ports, high cost/port
- >120dB noise floor, required only in some lab tests
- >50GHz frequency
- Bulky, difficult to handle in manufacturing environment

Good for lab testing



AEM MMVNA-100

- Large port count at low cost
- Perfect mix of adequate noise floor, port count, size and cost
- Small size, customizable, ideally suited for manufacturing test
- Innovative patent-pending measurement architecture

Good for manufacturing testing

TMS Products and solutions at trade-show



Customers viewing demonstration of automated Connector testing at AEM booth at BICSI show in Florida, Feb 2018





Further Updates on TMS progress

Marketing efforts enhanced with AEM's global outreach, specifically in the USA through the Chandler office

Leveraging synergies: Integrated R&D efforts under way between TMS team AEM's System level test team to develop innovative automation test solution

Beta testing of TestPro handheld nearing completion with positive feedback

Mass production of TestPro starting Q2/Q3 2018

Key distributor agreements signed for the handheld tester

Thank You

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