SPTS 2011 MEMS UPDATE

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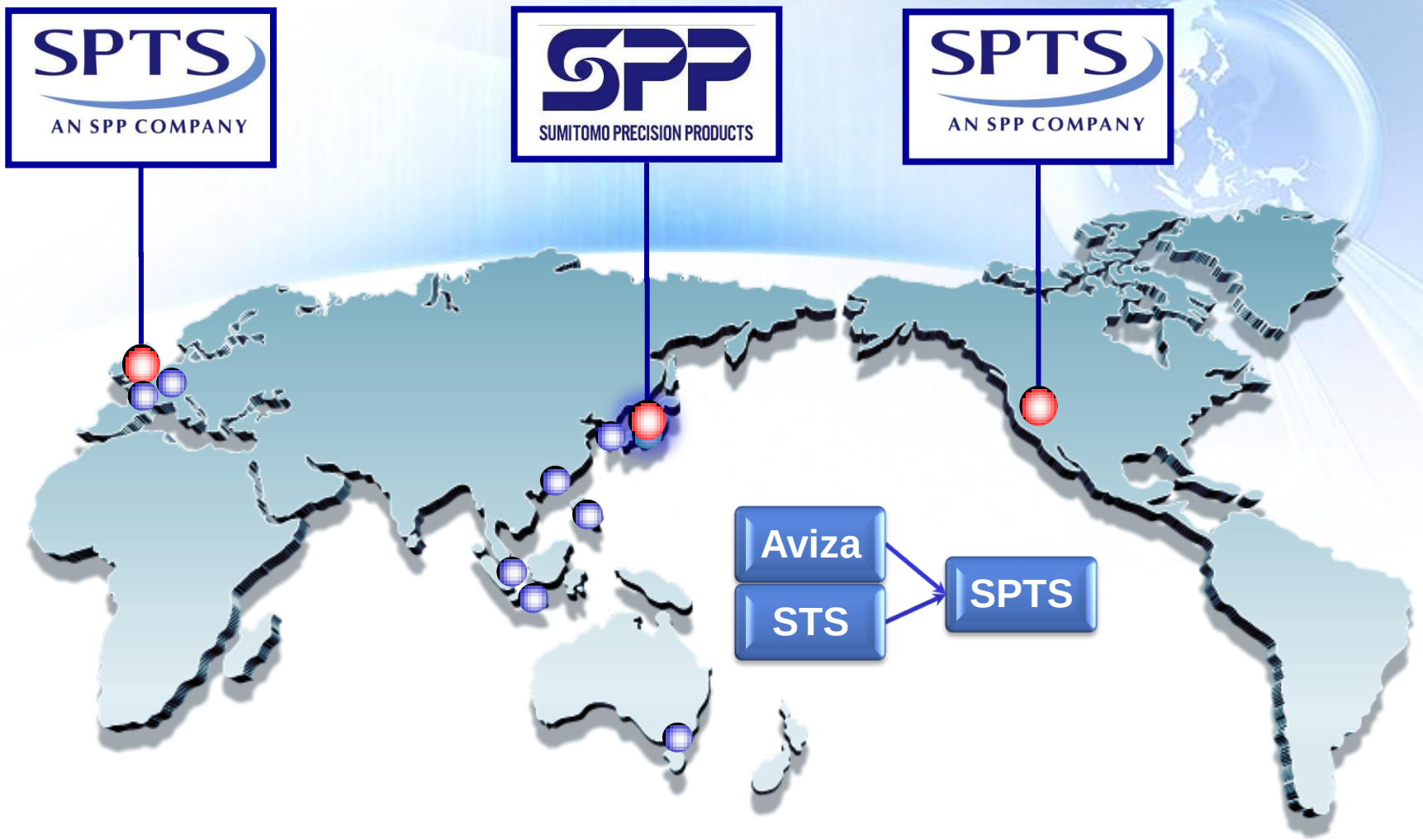
SPTS – A Global Presence



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Products & Served Markets

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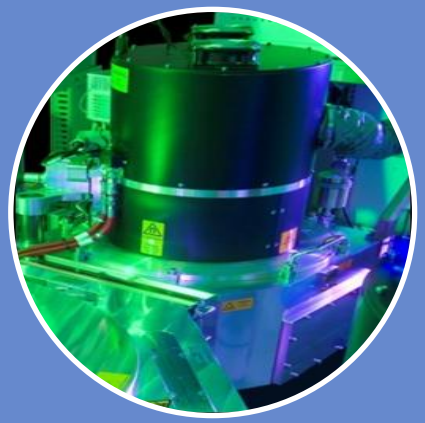

ETCH

DRIE/ICP/Dielectric Etch/HF

DEPOSITION

PVD/PECVD/IBD/AP CVD

THERMAL

150-300 mm Systems

Served Markets – MEMS/Compound/SEMI/Advanced Packaging/Targeted FEOL

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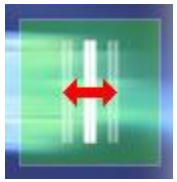
MEMS are Everywhere…

Scrolling

Gaming

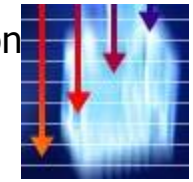


Vibration sensors

Activity monitor

Navigation

Freefall detection



Weather forecast

Context awareness

Image stabilizer

Health monitor

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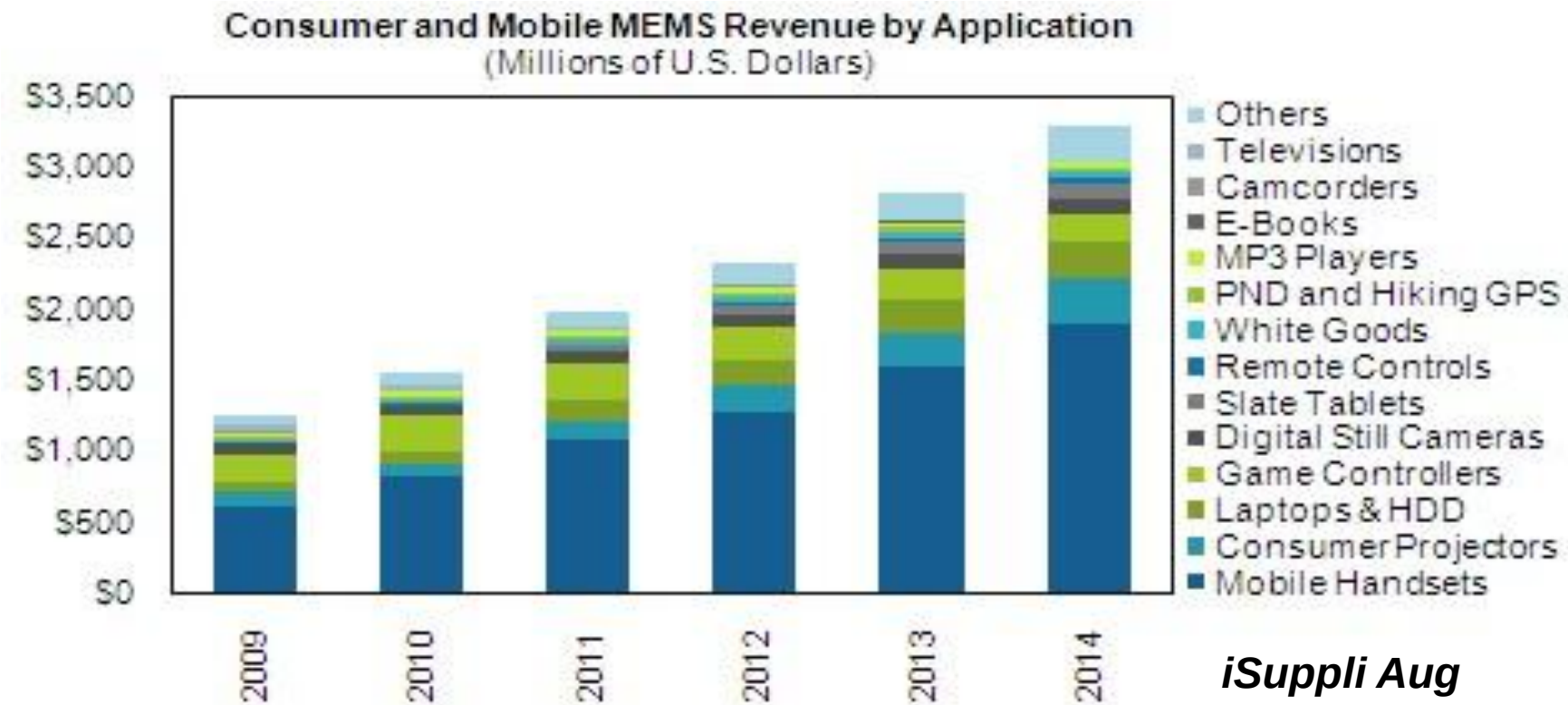
MEMS in 2011 and Beyond



iSuppli Aug 2010

- Consumer and Mobile MEMS drive the market
  - Super smart phones, tablets, e-books…20% CAGR through 2014

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Summary

- MEMS manufacturing is moving onto a new phase of maturity:
  - Booming volume and shift to foundry models (e.g. semi of the 80s)
  - Potential consolidation for economies of scale
  - It’s no longer a niche market

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