

CompoundTek accelerates commercialisation capabilities in next-gen semicon technologies as SEA region strengthens foothold in high-value manufacturing

In combining foundry expertise with leading industry research, the firm aims to drive adoption of emerging niche technologies for Industry 4.0, IoT

Singapore, 1 February 2019 – CompoundTek, a global technology provider in silicon photonics (SiPh) foundry services looks to showcase its expanded services portfolio, designed to connect intellectual property to commercialisation capabilities that delivers enhanced margins over reduced timeframes and accelerate time-to-market. To be featured at the upcoming Optical Fiber Communication Conference and Exhibition 2019 (OFC 2019) in San Diego, USA, the development of these niche semiconductor technologies is timely as high-value manufacturing gathers momentum in Southeast Asia.

Spurred largely by demands in Industry 4.0 and Internet-of-Things (IoT), the portfolio combines foundry expertise with leading industry research, offering solutions developed as part of CompoundTek's unique "hybrid business model". This approach provides customers total fab/foundry solutions alongside targeted product capabilities, positioning the firm amongst the few elites globally with end-to-end SiPh industry expertise. Offering cost optimisation through high volume manufacturing, ensuring high yield while bringing to the forefront innovative fabrication solutions, CompoundTek has its sights on driving the adoption of SiPh in various high-growth industries.

With applications spanning data centre, telecommunication, artificial intelligence, bio-medical diagnostics, automotive/electric vehicles, lidar, smart sensor and quantum computing, the company looks to leverage the robust high-value manufacturing sector in Southeast Asia, where its operation is based.

The region, favoured globally as a hotbed for testing disruptive technologies and services, sees its semiconductor manufacturing driven by the global rise in data volumes, computational power and connectivity, the emergence of analytics and business-intelligence capabilities, new forms of human-machine interaction such as touch interfaces and augmented-reality systems, and improvements in transferring digital instructions to the physical world, such as advanced robotics and 3-D printing.

CompoundTek, having its base in Singapore, boasts of an operation that include partnerships with a leading fabrication service provider in Malaysia and renowned SiPh research institutes globally. Backed by wide-ranging expertise from process technology, product design support capabilities delivered through strategic design partners, to manufacturing, CompoundTek's solutions are increasingly sought after by Fortune 500 entities, aspiring 'semiconductor nations' and other strategic clients and partners.

OFC 2019, billed as the world's largest industry event of its kind that connects attendees from key market sectors including data centre end users to service providers, carriers, systems and component vendors, will see CompoundTek exhibiting its SiPh solutions at Booth #6105 from 5th – 7th at the San Diego Convention Centre, USA.

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About CompoundTek Pte Ltd

Founded and supported by industry veterans and technologists, Singapore-based CompoundTek combines world-class commercial foundry with leading silicon photonics (SiPh) research institutes to provide cutting-edge SiPh technologies that enhance foundry services capabilities. As one of the elites offering SiPh solutions internationally, CompoundTek brings to the marketplace revolutionary semiconductor applications designed to meet critical requirements in high bandwidth and high data transfer solutions particularly in emerging connectivity driving Industry 4.0. The company's in-depth know-how includes end-to-end technologies - from proprietary fabrication process expertise to product design support with strategic partners and extended services for end-product manufacturing. CompoundTek's global customers span leading brands and FORTUNE 500 companies in high-growth industries including artificial intelligence, automotive, bio-medical diagnostics, data centre, lidar, smart sensor, telecommunication and quantum optical computing.

Visit <https://compoundtek.com/our-solutions/> for more information.

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