

Fab Build-Operate-Manage-Transfer (BOMT)

diverse, tailor-made service solutions spanning complete life cycle for Greenfield Fab Startup projects

BOMT capabilities backed by a 7-step proven methodology

We understand that running fabs and foundries is a complex, high-stakes business. From turnkey or joint design to optimising existing manufacturing facilities, IGSS breadth of solution spanning concept, feasibility study, design, execution, operation and close out, are tailored with your unique needs in mind.

Supported by competitive cost structures and internationally-experienced leadership, IGSS, in partnership with a global network of experts, drive fab and foundry efficiencies and enable aspiring semiconductor nations and multi-billion-dollar entities looking to achieve key commercialisation objectives and revenue goals within two years.

Corporate Profile

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2013

Year established



Headquartered in Singapore with global network of industry partners

US\$62M

Clients' savings achieved via fab/foundry transformation projects in the 1st year of engagement



Established profile in building and commercialising high-performance fab/foundries

Proprietary Hybrid Business Model

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Avg. 25 years

Industry experience of Project Leads

Invest 30% less CapEx

Achieve similar revenue goals

Within 2 years

Achieve revenue realisation



Full-suite service provider to support aspiring semicon nations

BOMT Capabilities

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End-to-end Fab/Foundry Operations



Manpower and Resourcing



Equipment Refurbish Ecosystem



Market Intelligence



Cleanroom Construction & Optimisation



Best-in-Class Fab Support Systems



Technology Enablement

BOMT Differentiation & Strategy

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Reduced CapEx, competitive cost structure with lowest funding in Emerging Niche high-margin products



Consortium of experts creating ecosystem of million-dollar supply contracts, global IDM, real estate developers, tool refurbishment and other sector capabilities



Experience in niche technologies & markets, joint ventures and access to preferential market reduces revenue-gestation period, accelerate fab utilisation to deliver higher margins

Clients' Transformation Successes via Operation Excellence initiatives (highlights)

20 - 40%

Cost improvement within 1st year

15%

Shipment improvement within 2 months

22%

Capacity increase within 6 months

5%

Productivity breakthrough within 3 months

15%

Cycle-time improvement in 6 months