

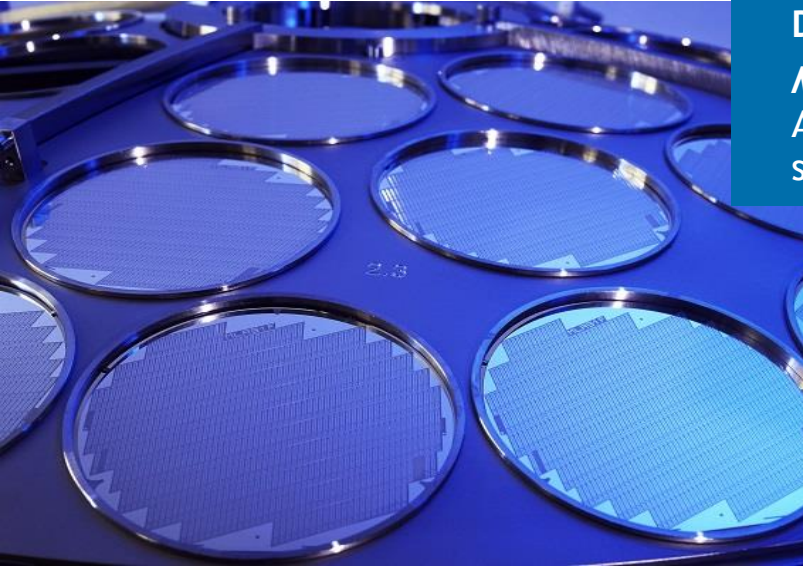
**Project: Foundry Transformation,
Operational Excellence and Cost
Improvement**

Location: Malaysia

Duration: 4 years

Most notable success:

Achieved approx. US\$5M in actual cost savings



“We are delighted that client’s satisfied with the quality of our work and the demonstrated benefits resulting from solutions that were rolled out over the years. Being awarded this long-term contact clearly shows our value-add and the confidence clients have in IGSS.”

Kelvin Lim

Chief Operating Officer, IGSS

Client Profile

A Pure-Play global semiconductor foundry focused on 200mm wafers - offering CMOS fabrication processes for Integrated Chips (IC) in Advanced Logic, Mixed Signal & Radio Frequency and High Voltage applications.

Challenge

We are involved in multiple scope of work like Capacity, Productivity, Ramp Management and Cost Reduction at the same time.

Hence the most critical need is to achieve most efficient (largest) gain while minimising spending with no increase to operational cost.

Solution

With a focus on Operation Excellence, the following were implemented:

- Cost
- Capacity
- Cycle Time & OTD
- On-site Work: Winning the trust of working-level teams was initially tough but having seen IGSS experts themselves performing operational tasks demonstrated the team’s in-depth know-how, paving the way for an effective collaboration.

Results

- **Cost saving:** USD\$4.9M actual savings to-date and with \$10M cost saving projects identified
- **Capacity:** Achieved 22% Cu Capacity Improvement in Jan 2016 (US\$8M additional revenue per year)
- **CT/OTD:** Started weekly CT/OTD meeting, performed Q-Time analysis and improvement plan, revamped lots prioritisation using X-factor and revised dispatch rules to focus on cycle-time

Being able to demonstrate results within 6 months into the project is perhaps the best testimony.