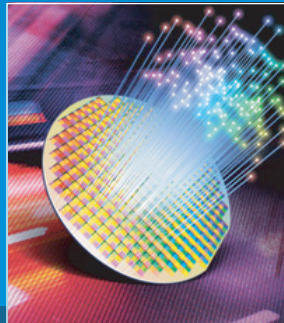




CASE STUDY: CAPTIVE LINE

CHALLENGE

First tier, US-based fabless Networking Company needed to implement volume manufacturing for their advanced Silicon Photonics technology. The new product is a replacement part that cost 1/10th of the original part cost from a 3rd party and can be manufactured in a OSAT facility.



Their production needs included:

- Secrecy of state of the art processes
- Class 1000 or less clean room
- Custom design equipment
- Conforming to strict Process of Record (POR)
- Production and qualification to start within 90 days
- Training and certification of CORWIL personnel

CASE STUDY

CORWIL worked with the customer to understand the problem and scope of the need. The customer and CORWIL had numerous engineering meetings to scope the requirements; from facility requirements, to equipment and process transfer requirements, to logistics requirements.

CORWIL was able to provide:

- Ready infrastructure
- Vertical process integration
- Ability to provide an in-house turnkey solution with the ability to manage outside sources if needed
- Process improvement to streamline processes and optimize yield

Contracts were put into place to cover the transition and volume production requirements. The customer and CORWIL worked diligently to meet deadlines, often working nights and weekends to ensure a timely start-up of production.



THE SOLUTION

The customer and CORWIL agreed that a captive line at CORWIL was the proper solution. CORWIL hired a number of the customer's people and installed one of their engineers as the Project Manager overseeing the line.

THE RESULT

The customer achieved their deadlines for qualification and are now producing the parts in volume saving the customer significant amounts of money while protecting its unique IP.