



*Benefits:
Helping Our Customers Succeed*

System Level Product Case Study

Microfabrication Benefit OEM System: Miniaturization – portable “System-on-Chip”

Challenge: A large optical system OEM needed to meet challenging performance requirements while producing a system that was smaller and lighter. They had a system level product that was functioning as a prototype but lacked the final microfabrication process refinement for a key component embedded in the system.

Solution: Sensera engineering was able to refine the process and produce a miniature – portable “System-on-Chip” that made the product more producible and cost effective. Sensera also implemented their Matched-to-MarketSM. Sensera’s Matched-to-MarketSM is an approach to volume manufacturing, whereby they understand (listen) and manufacture (execute) to the demands specific to their customers’ volume requirements whether it is a custom design, small run manufacturing or like this specific success story, a transition to high throughput demand.

Result: All performance requirements were met or exceeded while reducing weight and volume. The production solution afforded our customer a manufacturing process that was repeatable and optimized the supply chain while beating cost targets.

