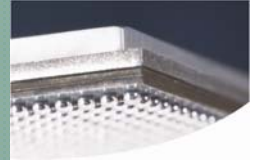


Case Study



THE CLIENT

Military Application

This client is a leader in the design and development of integrated systems and solutions for advanced missions. These include: unmanned aerial operations, electronic warfare, active electronically scanned array radars, airborne processors, weapon grade lasers, missile defense and intelligence, surveillance and reconnaissance systems.



F-22 Raptor

THE CHALLENGE

The client is a prime subcontractor on the F-22 Common Integrated Processor (CIP) program. The F-22 CIP contains both signal processing and data processing elements that provide integrated data and signal processing for all of the avionics sensor and mission software. The CIP is fault tolerant, multi-level secure and modularity expandable enabling plug-in growth as future mission capabilities are added.

Endicott Interconnect Technologies was approached because of our reputation as an innovative and reliable supplier to the military market segment. Endicott Interconnect Technologies was one of twelve participants in the bidding process and one of those participants was the existing supplier. The client needed a world class supplier of very complex, 14-28 layer PCBs and there are 12 PCBs in the processor board system.

THE SOLUTION

After evaluations of Endicott Interconnect Technologies products and facilities, we were selected as the second source supplier on the F-22 CIP program, outperforming the existing supplier as well as the other participants. The PCB fabrication team at Endicott Interconnect Technologies suggested design changes that led to process improvements and increased reliability. PCBs were delivered ahead of schedule and showed improvements to the client's current yields which will help Endicott Interconnect to capture the first source position.

THE BENEFITS

"The high caliber of the Endicott team was evident in response, follow through, engineering and execution of program requirements. Thank you and the Endicott team for taking and meeting this challenge. Excellent work," comments the client.

This prime subcontractor is committed to building strong relationships with partners like Endicott Interconnect Technologies in order to provide world class service to their customers.