Jarltech International

CASE STUDY

Successful Partnering for a Small-production

Customer

Founded in 2015 and headquartered in Taipei, Taiwan, ATRON CO is a provider of In-Vehicle Computer developer and intelligent solutions . The service-to-market business model gives ATRON CO core competence to build a strong world-class service by providing customized service.

Application

ATRON CO ' product is certified with eMark , Additionally, the vehicle/railway/marine box PC has high integration ability with two full-size PCI Express Mini Card slots, one SIM card which makes it a multi-function device for transportation applications. The n-Vehicle Computer is definitely the top choice for M2M intelligent system for railway, marine, and vehicle solutions.

Background and Challenges

In mid-2015, ATRON CO's many of customer to ask development time of products will be more quickly. When a factory is set up for large-scale production it need carries a massive inventory of raw materials and equipment. However, when they need small quantities on a regular basis or if they want to bridge the gap between the prototyping stage and full-scale production. They have to choose low-volume manufacturing to allow for flexibility in design changes, to test the market, and for cost savings. which helps them thoroughly evaluate possible risks before mass production.

"Some of customers is thinking about to develop their new projects with tight budget, so they always need to proceed small production running."

- Armani Yang
ATRON CO Marketing Specialist

Solution

Jarltech provides pilot run manufacturing services . The pilot run manufacturing required special attention to detail that In the required time to match customer production plan. Jarltech use the ERP system enables quick and accurate part and material control, and re-assign complete part numbers to the parts listed in the BOM ,and we are able to know the inventory & location of parts and materials in the shortest time. This not only saves the storage space for our customers but also avoid the trouble of purchasing small-volume materials often with long lead time. SMT, DIP, testing, assembly, and packaging. Jarltech's engineers set their focus on assembly procedure control and problem analysis. It's helps them thoroughly evaluate possible risks before mass production.

OBJECTIVE

- Coordination of shipments and installation to match customer's plan
- Improve productivity of all equipment in production
- Evaluate possible risks before manufacturing

SOLUTION

- Provides pilot run manufacturing
- Improved manufacturing flow for production systems
- Focus on assembly procedure control and problem analysis

RESULTS

- All systems manufactured, tested , installed and qualified in line with ATRON CO 's plan
- Match customer shipment plan

Success

Jarltech's systems and employees, tasked with an aggressive manufacturing goal, were perfectly positioned to ensure delivery performance. Through its well-Productivity and manufacturing process, Jarltech is able to rapidly respond and adjust to productivity .The delivered to the customer within budget and at the promised dated. The positive results accomplishments realized in this project spurred the design of the next generation's units and helped drive in-Vehicle Computer industry forward.

"We have been impressed with the ability of Jarltech to achieve the promised delivery deadlines to meet our planned ramp.We're delighted that we chose Jarltech – it is going to be the platform for our future success."

- Jimmy Lee
ATRON CO Director