

Supplemental Production Solution

Situation:

A first tier automotive supplier of drive train components has won business that involves the manufacturing of several new parts. The company hopes to grind the new components in-house, but the unique part specifications necessitate contracting with a machine tool manufacturer to build a specialized precision grinder. However, untimely delays in the build create a situation where the company is in jeopardy of missing several critical pre-production process approvals and the shipment of parts for product testing.

IPG Solution:

This company needed a partner who understood the unique part requirements, had the ability to engineer the grinding process quickly, and had the production capabilities, flexibility, and competence to produce pre-production short run batches and move into long term high production quantities. IPG utilized our **Supplemental Production Support** solution to design and develop the process, design and build production tooling, and deliver parts within 72 hours of our first interaction with the customer.

How We Do It:

Our team begins by developing a full understanding of our customer's situation. We then learn every aspect of the project by gaining the information needed to design, develop, implement, and execute measurable results. From the first step of implementation, through the highest volume production, our team communicates with our customer about the status of every milestone and production delivery.

Benefits:

The IPG Supplemental Production Support solution provides our customer with:

- On-time deliveries that allow them to meet all scheduled deliveries to their customer.
- Variable production support that delivers small pre-production build quantities, ramps-up to full production volumes, and then ramps-down, as their in-house capabilities develop to a level of producing full production volumes.
- IPG developed process parameters, which they apply to their in-house processes.
- A reliable, On-demand Back-up Support source, as insurance for in-house equipment failures.

