



## 3P Partners Case Study - Tier 1 Program Management Task Force

**Problem Statement:** Tier 1 Automotive company experienced OEM programs past Start of Production (SOP) and program timing threats to approximately 10 OEM programs due to lack of incoming parts and components having PPAP approvals. Subsequently the module PPAPs to the OEM customers could not get completed and approved resulting in major financial strain to the client and supply base.

**Project Description:** [3P Partners](#) created a **Task Force** to rectify the following issues:

Supplier Quality — Tooling— Internal Assembly Engineering Project Management— Quality and Program Management onsite at Manufacturing Plants—Supplier Quality Engineers onsite at critical Suppliers - OEM Service PPAPs

This project lasted over 18 months resulting in **systemic issue resolution** and **OEM Program timing back on track for PPAP submissions and approvals prior to SOP.**

### Key Resources Provided:

- 1 -VP Supplier Quality
- 1 -PPAP Project Manager
- 1 -Tooling Subject Matter Expert
- 2 -Supplier Quality Engineers Onsite at Critical Suppliers
- 1 -Engineering Project Manager
- 1 -Quality & Program Management Subject Matter Expert onsite at Client Manufacturing Plant
- 1 -Quality Engineer focused on service PPAPs for all programs at one OEM Customer

### Activity Summary:

**VP Supplier Quality**— Reporting to client's CEO responsible for all aspects of Supplier Quality including Procurement of Resourced Suppliers. Managed Supplier Quality Department, 3P Partners Task Force and Supply Base of approximately 400 Suppliers.

**Supplier Quality PPAP Project Management**—Timelines in place for corrective actions resulting in approved PPAP. Root cause systemic issues which resulted in late PPAP approvals. Weekly status reporting to Executive Management on all OEM Programs.

**Tooling**— Subject Matter Expert to deep dive issues at Suppliers relating to tools and process.

**Internal Assembly Engineering Project Management**—Program Manager focused on new internal assembly design and manufacturing process improvements.

**Quality and Program Management onsite at Manufacturing Plants** - Resource dedicated to specific OEM programs assisting with all aspects of quality and program timing. Performed current program supplier PPAP submissions and closed all open issues/items missing from PPAP submissions allowing client to submit PPAP to OEM customer.

**Supplier Quality Engineers onsite at critical Suppliers**—Manage quality and delivery on all components produced by supplier for the client.

**OEM Service PPAPs**—Quality Engineer to create, review and submit all Service PPAPs for one specific OEM Customer on all Programs.

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