



**Product  
Realization  
Group®**

# Technical Program Management

## OPTIMIZE YOUR PRODUCT DEVELOPMENT

Poor product development management can lead to huge cost inefficiencies and ultimately product failure. PRG helps you meet product launch goals with our Technical Program Management (TPM) services.

Our Technical Program Managers are engineers with deep expertise in hardware development, ensuring you have the skills and knowledge to help you successfully bring your product to market. We work with you to reduce project risk and enable you to meet your quality, cost and timeline requirements.

### **Our team of experts will help you to:**

- Understand your program plan, including budget and schedule
- Pinpoint needs and gaps, and drive action items
- Add and improve processes as needed
- Identify key product features and requirements
- Align market and product requirements with development and test plans
- Manage resource scaling (including internal teams) and remote teams
- Launch your product on time

### **TPM resolves common product development challenges:**

- Schedule delays
- Unmet reliability, quality and compliance requirements
- Exceeding budget

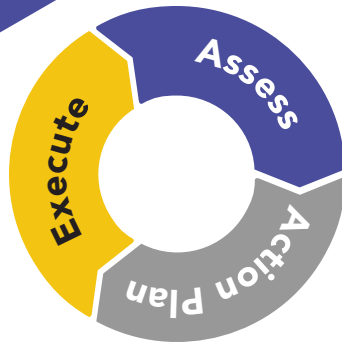


**“PRG was critical  
in pulling our product  
development program  
together”**

-- COO, Alternative energy company

**“PRG’s complete TPM service helped us to get to market faster and more cost-effectively”**

— VP Development, Consumer product startup



## HOW IT WORKS

PRG optimizes the product development process via our TPM offering:

1. **Assess:** First, we conduct an assessment of your product development process to identify if there are existing gaps and risks.
2. **Action Plan:** PRG then develops an action plan using a dedicated Technical Program Manager, who has specific expertise in project management and engineering.
3. **Execute:** The comprehensive TPM solution can then include:
  - Creating the program plan & leading the new product development team.
  - Implementing “best in-class” processes (Product Lifecycle, Phase Gate, EVT, DVT)
  - Identification of bottlenecks and risks, and implementing mitigation plans
  - Incorporating product regulatory requirements and reliability goals into the plan
  - Pinpointing additional skills and resources needed and helping to source and manage them
  - Coordinating with key external suppliers, ODMs, CMs and other development partners
  - Ensuring the most optimal balance of time, cost and quality to meet business goals

## KEY BENEFITS

Working with PRG’s Technical Program Managers will provide you with a holistic view across electrical engineering, mechanical engineering, firmware, reliability, testing and manufacturing to unify diverse requirements. Our TPM service provides:

- Deep expertise in project management, and product development and launch
- Ability to meet time-to-market and cost goals
- Assurance in meeting agreed-upon product function and feature set
- Adherence to regulatory requirements
- Higher product reliability
- Ability to avoid fatal mistakes and delays
- Better product quality for an enhanced customer experience