Product Realization Group®

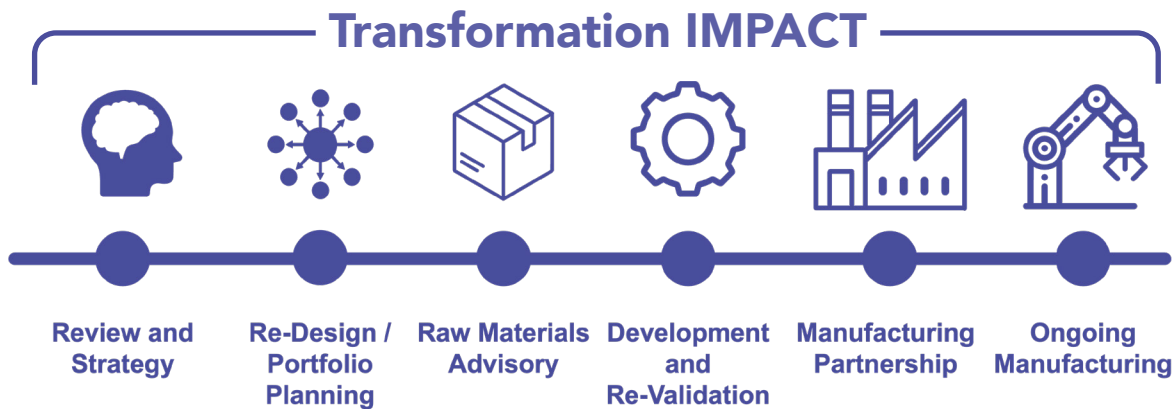## Transformation
IMPACT
Re-engineering your products for the future

Transformation Impact allowed 8 of my products to remain in market, keeping all my customers happy!"
-- CTO, Global Life Sciences Company

Contact Us

ProductRealizationGroup.com
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Transformation IMPACT

Review and Strategy	Re-Design / Portfolio Planning	Raw Materials Advisory	Development and Re-Validation	Manufacturing Partnership	Ongoing Manufacturing

Extend Hardware Product Life with Transformation IMPACT

Many companies have hardware-based products that they just ship, year in and year out. Designs were completed many years ago and so they are just cranked out of the contract manufacturer and have high profit margins - until they can't be! At some point those old design reach the end of their practical life, whether it's end-of-life notices for components, supply chain issues or out of date manufacturing processes.

PRG and our partner, PowerBeam can help give these hardware products a new lease of life, extending your time in market, supporting your existing customers and shielding you from future supply chain and manufacturing issues.

Many companies struggle when faced with the following problems:

- Reviving old designs is hard when you don't have the original design data
- Building in supply chain resilience for the updates to these designs is hard in today's market
- Tasking your current design team, who are busy with your next great product, with picking up the pieces of years-old legacy designs wastes their time
- Regulated products can't easily be updated incrementally and require a lot of testing.
- Making product and portfolio decisions can be hard when you are supporting legacy markets and customers

How we work with you

1. Together with you, we conduct a review of your company's hardware product portfolio to determine the required activities

2. We design a specific plan for your product continuation strategy ncluding frameworks to prevent re-occurance of re-engineering needs

3. We work with you to implement the Action Plan and support you throughout your development

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powerbeam

The PRG Transformation IMPACT process

Review

- Collect and review all available design resources to understand your current and intended future state.
- Interview your team(s) to broaden understanding of your product continuation goals
- Review the results of our findings with you to establish a common mindset about future possibilities.

Action Plan

Sample Focus Areas within a Transformation IMPACT Engagement

- Fully assess your portfolio of aging designs
- Examine all available product design data and documentation
- As necessary, recreate all design files (electronic as well as firmware and FPGA configurations)
- Produce new and often improved versions of your product portfolio requirements (combining designs as new technology permits)
- Fully test and prequalify new assemblies for all required regulatory and reliability standards
- Create a multi-year supply chain resilient manufacturing strategy
- Work with your current and any new CM to migrate to the new product designs
- Create full design and manufacturing test requirements
- Update product documentation as required

Implement

- Establish transformation project delivery team
- Create and manage full project plan; meet weekly to update on progress
- Bring in PRG and PowerBeam experts as required to fill temporary gaps in staffing/expertise
- Manage PRG and Powerbeam resources to re-engineer and recreate your hardware products
- Assist in hiring additional permanent internal team members as needed
- Deliver fully documented, supply chain resilient updated products to delight your customers

Keep your customers happy with Transformation IMPACT

We provide you the resources you need to fill gaps in your team as needed. PRG allows you to quickly staff up in areas of expertise to expedite the re-engineering of your hardware products. As you grow, our team can continue to support you or allow you to transition the work to your own team.

Learn more about how you can benefit from end-to-end control of your product continuation strategy with Transformation IMPACT. Contact us today.

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