



Improving innovation processes

Philips Industry Consulting

PHILIPS

Making innovation



faster, leaner and more effective



Bring new products to market faster, at lower cost and with fewer resources. Philips Industry Consulting is the ideal partner to help streamline your innovation processes. We offer extensive knowledge, experience and hands-on support. Our tailored improvement programs help you cut costs, drive growth and create value.

To succeed in your industry you need a constant stream of original products. You also need to get maximum value from your innovation investment. Achieving these goals demands a highly efficient innovation process that let you control costs, shorten development cycles and make best use of your resources.

Industry Consulting ensures your innovation processes are up to the challenge. Through proven methodologies and wide-ranging expertise, we analyze your processes from start to finish. You get a tailor-made improvement action plan plus all the support you need to implement it.

Our practical approach fills the gap between knowing and doing. We look beyond the headline 'symptoms' to tackle underlying issues and make your innovation processes as efficient as possible.

We help you:

- Make product development more efficient
- Get exciting new products to market faster
- Reduce innovation costs
- Achieve operational excellence in innovation
- Manage innovation processes across multiple sites and partners
- Create efficient, integrated innovation processes after mergers or acquisitions
- Effectively implement methodologies like CMMI

Real experience, real results



Faster product development

For the best results in fast-moving product sectors like flat-panel TVs, all key players in the value chain need to align their development processes. We helped one TV set maker and LCD panel manufacturer ensure their product creation processes (PCPs) were fully aligned. In doing so, we redesigned, streamlined and shortened the TV set maker's PCP.

Development throughput time was reduced from 9 to 6 months.

More efficient use of resources

One of our customers wanted a predictable and controlled process for executing software development projects. We helped them adapt SEI's Capability Maturity Model for Software (CMM) to suit their needs, providing support throughout the planning and implementation of the improvement program. Together, we created a new software process that has been objectively assessed as meeting CMM L3 requirements, and forms the basis for continuous improvement.

Development effort and software defects were reduced, and schedule slip cut from 30% to below 10%.



Cutting operating costs

A global company was working on products that integrate components from several business groups as part of an end-user driven innovation strategy. It asked us to create a company-wide vision for managing product data across business groups that would streamline collaboration. We set up a project team, consisting of people from the various business groups and the customer's central IT department, to analyze existing practices and solutions. Through our knowledge and experience of commercial product lifecycle management (PLM) systems, the vision was developed and accepted by management.

The vision will reduce IT costs and accelerate collaborative development projects.

Creating one from many

A global company had recently acquired a number of new businesses. To create a single, efficient organization, we reviewed all relevant processes and then guided the customer through a smooth change program that we had devised. This included redesigning, introducing and rolling out a harmonized business process for the entire organization.

New business initiatives building upon cross-business collaboration have been successfully launched.



Our services

Complete, customized improvement programs

A complete improvement project ensures your innovation processes are effective, efficient and right for your business. Projects start with an **organizational X-ray**: using audits, assessments and appraisals based on proven methodologies like CMMI, ISO 13485, Lean Development, ISO 9001 and EFQM / PBE. We then create a **tailored improvement plan** including improvement actions ordered by relevance, with indications of the necessary effort and potential gains.

We also provide **hands-on support** in managing and implementing your plan – deploying its outcomes, handling change management, and overseeing any updates to your quality system. Furthermore, we ensure these new processes form a solid basis for continuous improvement.

Managing suppliers and design partners

Innovation is increasingly 'open', with many activities carried out in cooperation with suppliers and design partners. Using industry standards, we help you choose the right partners, get them involved at the right time and effectively monitor them throughout the innovation process. This ensures shorter development cycles and maximum value for your investment.

Align and optimize processes for merging organizations

Harmonizing innovation processes after mergers is a challenging task – especially when it involves multiple sites worldwide. We review all relevant processes, then help you set-up and guide the entire change program for optimum benefit to your overall business.

Implementing information management

Today's global innovation networks are built upon digital platforms. These generate masses of product, process and project data that needs to be shared reliably, consistently and securely. We help you develop your Product Lifecycle Management strategy to meet this challenge. This can include tools for CAD, EDA, software configuration management, pipeline and project management, product data management and collaboration. We also support you in implementing ways of working aligned with your businesses needs.

Software reliability engineering

Reliability is a must for any software system. We offer training courses tailored to various target groups. Plus we can support your development groups in reliability-related tasks including software reliability FMEAs, operational profiles, software defect prevention techniques, software fault tolerance, fault-tree analysis, reliability growth modeling and orthogonal defect classification.

Philips Industry Consulting is part of Philips Innovation Services

Contact us at the following address:

Philips Industry Consulting, Eindhoven Office, The Netherlands

Phone : +31 40 27 40827

Fax : +31 40 27 42828

e-mail : industry.consulting@philips.com

Find out more at:

www.innovationservices.philips.com/industryconsulting



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