

The Straight Path Along The Digital Thread

The product development process (PDP) is a highly collaborative process that requires the contribution of multiple technical disciplines within engineering and manufacturing, including the involvement of the supplier network.

A special feature is that suppliers and project partners are also integrated into the continuous data flow (Digital Thread). A learning organization is created over the entire life cycle: From the product idea to the shop floor, including an established supply chain solution.

The integrated Lessons Learned process supplements the lifecycle management system and helps companies to improve during a project or with new editions and variants of a product based on experience and feedback on the entire product development process.

PLATO and iqs Merge to Form PeakAvenue

The two specialists are launching a unique combination of FMEA, Systems Engineering, and CAQ – areas in which they have decades of practical experience. This web-based platform leads to a holistic representation of the entire product life cycle. It centrally contains all relevant information (methods, documentation, results, milestones and action data), including suppliers. Thanks to the open architecture, external systems can also be easily integrated.

Unique Combination of FMEA, Systems Engineering & CAQ

- Complete traceability instead of an isolated view over the entire product life cycle.
- Consistent Quality Loops can be guaranteed, because feedback is directly connected.
- Active communication via the Digital Thread.
- Lessons Learned processes throughout the organization.

Excellent Development

- Improved quality
- Reduced rework, field failures and warranty costs
- Faster new product development and time to market

Excellent Risk Management

- Reduced complaint costs
- Lessons Learned Loops
- Avoidance of repeat errors

Excellent Manufacturing

- Increase in overall throughput and employee productivity
- Reduced downtime
- Less scrap

Excellent Product & Service Improvements

- Increased customer retention and satisfaction
- Optimal integration of customer feedback
- Support for Product as a Service and results-based business models

