# BABTEC

# Babtec.APQP
# Process-oriented Project and Product Management

With APQP (Advanced Product Quality Planning), you plan, manage and track all the phases of the product development up to series production. Across the divisions in your company, you are supporting the planning and development of new products as well as the continuous improvement process and ensure the correct management of all relevant documents according to project status. With a clearly arranged representation of all project steps, you implement your quality projects transparently and according to schedule.
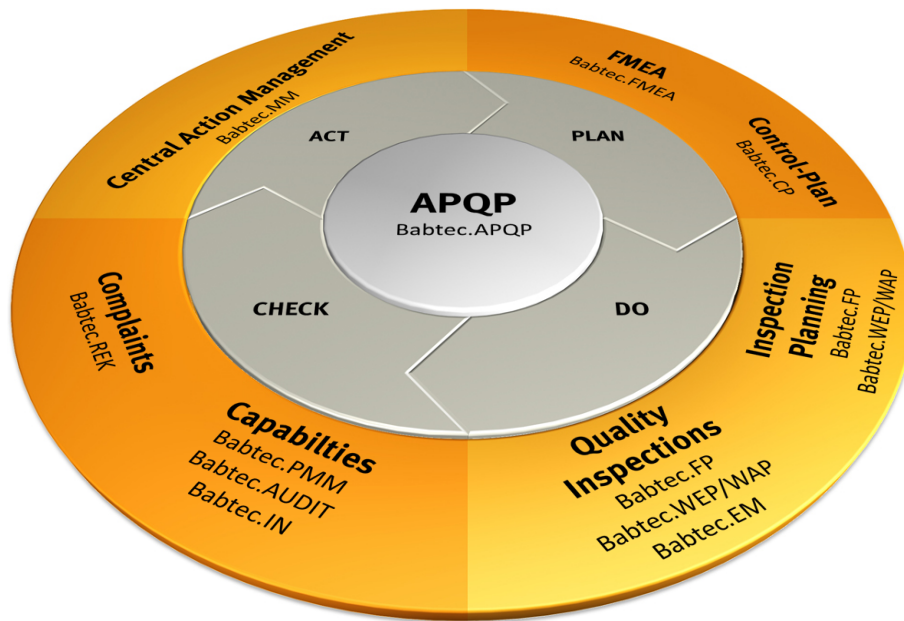
## Everything from a Single Source

Babtec.APQP supports **flexible project management** in the areas of product development and production. Create project plans with all the required project steps and utilize the possibilities of project tracking to adhere to the milestones agreed upon with your customers. With Babtec.APQP, you maintain the overview of your projects and results as project manager – clearly arranged and always current. All the relevant **information and documents** for a project (e.g. FMEAs, part approval processes, design drawings, cost-based pricing, etc.) are managed centrally and with reference to the specific project status.

In doing so, Babtec.APQP meets the customers' demand for a **complete documentation** of all quality-assuring actions. The often time-consuming and complicated gathering and assembly of information from several IT systems can be avoided. Babtec.APQP offers efficiency from the start: beginners can copy all existing documents for product planning and development directly during the introduction.

In addition, you are realizing enormous time benefits by accessing already existing **project templates** in case of repeated projects. The uncomplicated and clearly arranged planning of project steps as well as the simple and flexible possibilities to respond to changes and to document them in the project ensure minimum administrative effort.
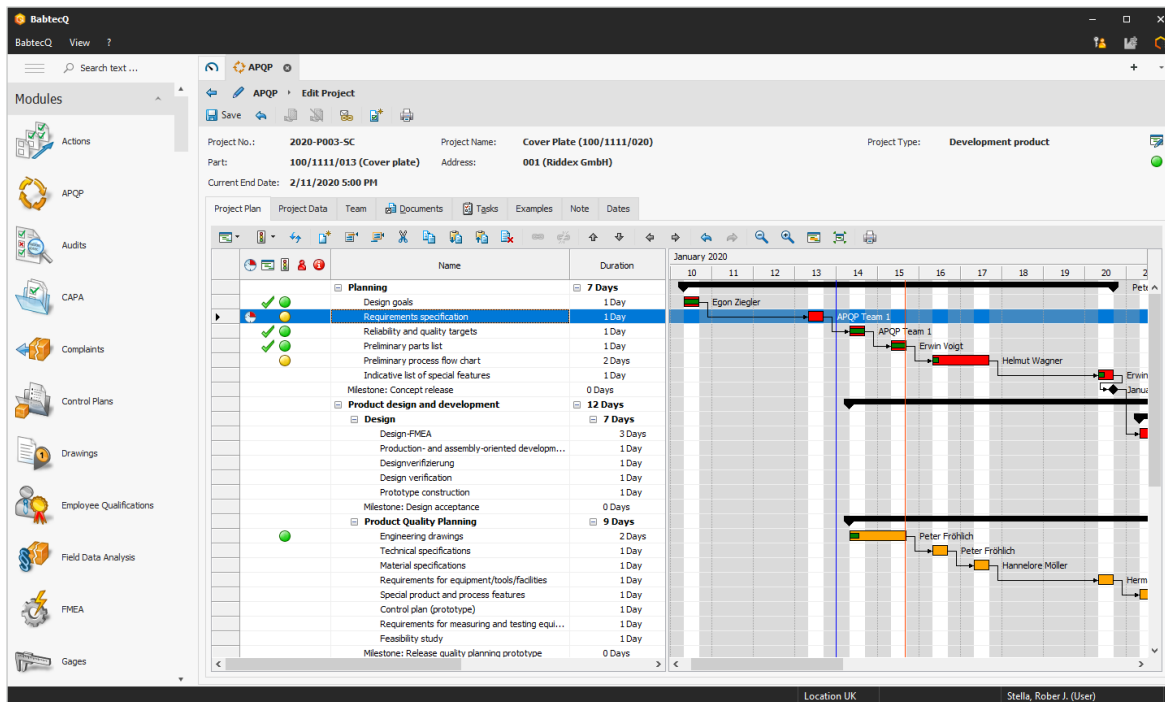
Continuous Improvement Process with APQP

# Practice-Oriented Planning and Tracking of Projects

Optimal scheduling is the best guarantee for a successful project management. Apply Babtec.APQP to utilize the graphical options of a **state-of-the-art planning tool** for creating and visualizing project plans. With the help of a **gantt chart**, you are planning the **project steps** to be performed – sequentially as well as simultaneously. This always provides you with an overview of the sequence of defined process steps, including their duration, in a structured and time-dependent graphic.
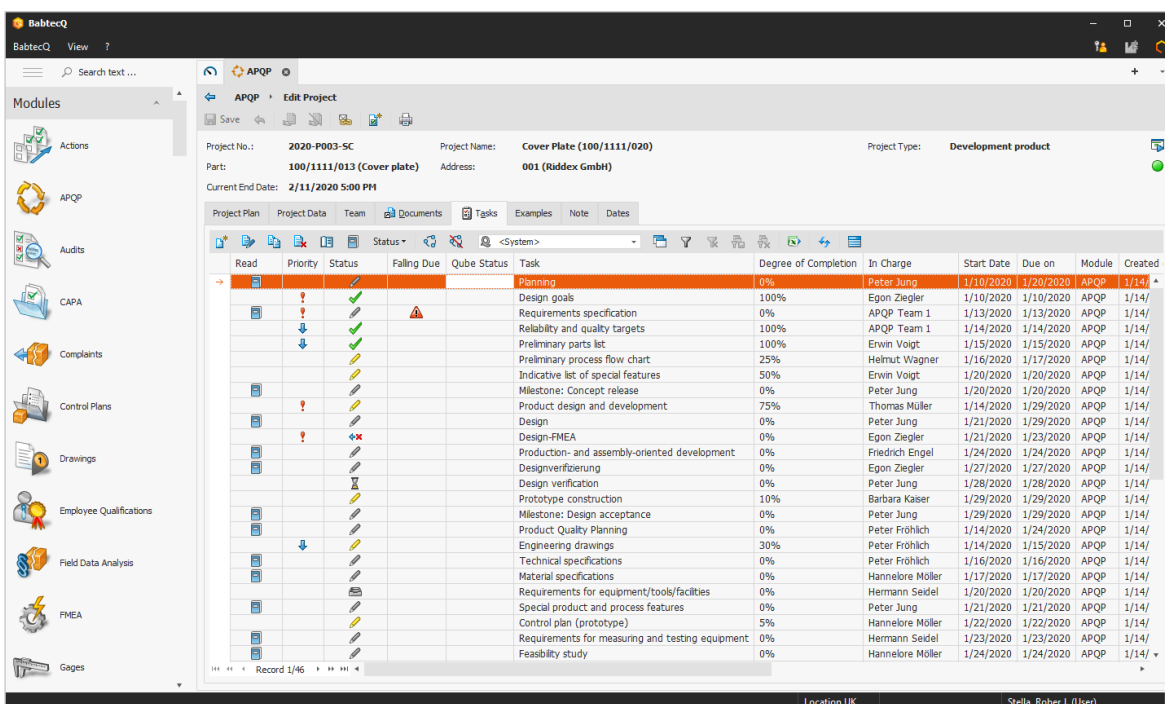
Use the intuitive drag & drop functions of Babtec.APQP to conveniently move process steps around and determine processing times. Create absolute and relative dependencies between project steps, thereby specifying the structural sequence of your project. The easy definition of **milestones** supports you in adhering to the promised deadlines.

Application-oriented **zoom functions** allow the project manager to monitor the overall project as well as individual project steps. The determined critical path is identified in the project plan. Comparisons between projected and actual data show in which step a project is being delayed. Use the integrated **project calendar**, e.g. to include working hours or holidays in your project planning. With configurable print functions, you publish your project plans, e.g. for team sessions or your customers.

By grouping project steps, you can map even **complex projects** in a clearly arranged way. It is often necessary to hive out certain task sequences into independent **subprojects** that are under the responsibility of another project manager. Hence, you create subprojects as individual steps in a project so that the deadline monitoring for them is also performed in the context of the overall project.

The high degree of user friendliness is complemented by the **integrated warning system** of Babtec.APQP. Past due dates are identified in the corresponding project step. Use this information to take suitable counteractions. In addition, you receive **status feedback** and risk assessments concerning the processing status of your project.
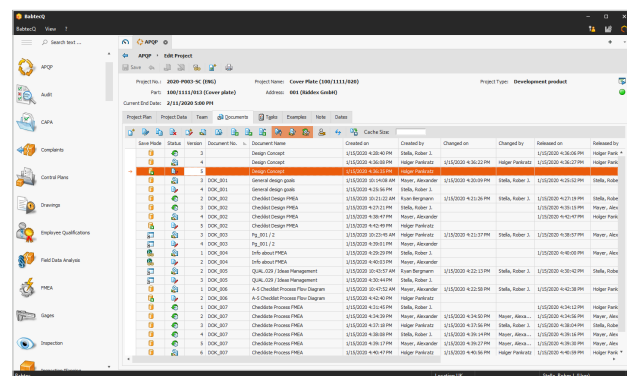
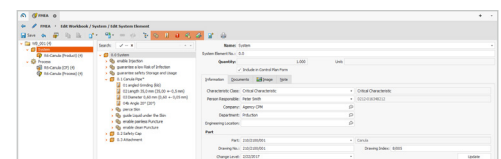Babtec.APQP

# Fully Integrated in BabtecQ

In the context of your project processing and advance quality planning in Babtec.APQP, you can effortlessly access other modules thanks to the seamless integration of the BabtecQ modules. For example, you can edit an FMEA directly from within Babtec.APQP or view the version applicable to the project status in each case. This allows for **process-oriented** working, as you do not explicitly have to switch between individual modules and thus save valuable time.

Tasks with responsibilities and dates are being automatically generated in Babtec.APQP for processing project steps. The distribution of the tasks is done via the **central task management** (Babtec.AM). This, in turn, notifies the responsible specialists from the project team in advance about the scheduled dates. With the clearly arranged **tracking** of all tasks in a project, you as the project manager can always keep an eye on current information about the processing status and the **progress** of the individual project steps.
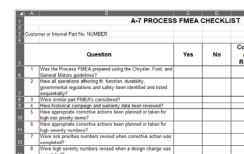
The smooth **flow of information** between the project manager and the project team is ensured. Easy and quick access to **personal tasks and dates** is ensured by to-do-lists that can be filtered. At the same time, the on-schedule processing is ensured through current status information and periodic reminders. In case of changes to the project plan, all tasks that are still open are automatically being updated. Responsible employees are notified about the updates directly via Babtec.Q.Agent using e-mail. With the help of the intranet, you can easily involve all the required employees in the task management process. In the company-wide Q.Manager **information portal**, tasks can also be processed without direct access to BabtecQ.
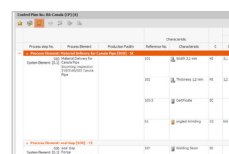


FMEA



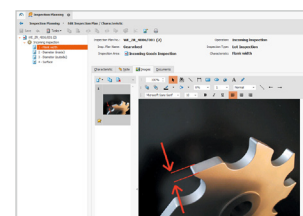Checklist



Control Plan



Central management of all project-relevant documents



Inspection Plan

# Versioned Project Documentation

Babtec.APQP allows you to document the results obtained in the context of a project directly with the corresponding project step. Save **any number of documents**, e.g. Word, Excel or PDF files, in the BabtecQ database or place a link to the corresponding file.

The reference to **internal documents**, e.g. from within the FMEA or part approval process modules, is also possible. The **versioning of documents** assists you in seamlessly retracing different processing steps. The **integrity** of your documents is ensured using the convenient check-out and check-in functions. A central **document folder** is available in each project for managing the project documentation.

# Babtec.APQP
## At a Glance

- Process-oriented project management

- Supports the fulfillment of normative requirements (IATF 16949), including the advanced quality planning during the development of product and production processes

- State-of-the-art and practice-oriented tool for project planning and tracking

- Support of the Continuous Improvement Process (CIP)

- Creating and managing project templates

- Convenient graphical project planning on a Gantt chart using drag & drop for
  - isimple definition of project steps, milestones and their dependencies,
  - ispecifying dates and responsibilities, and
  - igrouping project steps

- Integrated monitoring of subprojects in a main project

- Extensive zoom functions for simple navigation in the project plan

- Project calendar for including working hours, holidays, etc.

- Workflow-based generation of tasks for processing project steps

- Distribution, processing and tracking of tasks via the central task management (Babtec.AM)

- Result documentation for each project step using versioned documents via
  - iexternal documents (e.g. Word, Excel, PDF files), or
  - ireference to internal documents (e.g. FMEA, initial sample inspection reports, inspection plans)

- Central management of all project-relevant documents

- Safe project monitoring based on status feedback for each project step (processing progress, schedule, risk via GYR status)

- Integrated warning system, including plausibility checks (e.g. check of dependencies, schedule violations)

- Current project status with target/actual comparison

- Status reports and overviews

- Flexible design of company-specific forms and reports (Babtec.RPT)

- Integration in BabtecQ (Babtec.AUDIT, Babtec.FMEA, Babtec.CP, Babtec.WEP/WAP, Babtec.FP, Babtec.EM, Babtec.REK, Babtec.AM)

- Automatic information distribution via Babtec.Q.Agent (e.g. e-mail notification when allocating new tasks, deadline monitoring)

# Let Us Advise You

**Individual Consulting**

We would be happy to introduce you to the module in a personal appointment in which we can show you how our solution can optimize your processes. In doing so, we record the current status and explain the further procedure.

**Make an appointment**

**Our Solutions**

Are you interested in further modules that support your processes even better? Just have a look around on our website.

**To the website**

**Overview of Our Portfolio**

Would you like to get an overview of our entire range of products? In the current overview we present you our software solutions and services.

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