Robust & Efficient Workflows
Teamcenter with BCT CheckIt

Change processes (ECR/ECO), release processes, transfers to ERP systems and many other company process types are mapped with Teamcenter workflows.

Teamcenter workflows can be standardized and automated. However, to ensure that they run properly, a sufficient data quality is required.

Problems associated with Teamcenter workflows:

Interruptions due to missing and/or incorrect meta data:

- The workflow cannot be reset by the user and is no longer accessible
- Only the administrator has the permission to delete, continue or reset the workflow

Time-consuming and repetitive procedures for designers due to subsequent workflow crashes.

The solution: BCT CheckIt to ensure accurate workflow cycles in Teamcenter

Via early detection of data and consistency errors in the product development cycle, improved data quality can be achieved and unnecessary revisions can be avoided.

As a Teamcenter plug-in, BCT CheckIt provides the Teamcenter users with the option of flexible data checks which are fast and easy to perform.

User's Perspective

With BCT CheckIt you do not need to know technical details to ensure data consistency. Due to its ease of use, checks can be done quickly and effectively even without detailed knowledge of the Teamcenter data model. An interactive check protocol provides the user with information on the check results and shows the items that did not pass.

After a successful check, a Teamcenter workflow can be started automatically.

Administrator's Perspective

BCT CheckIt checks also can be integrated as a workflow handler into existing Teamcenter workflows. Standard check rules enable a quick implementation. Company-specific rules can be added and adjusted easily by a Teamcenter administrator.

So you can configure BCT CheckIt accordingly to the requirements in context of the Teamcenter use cases. There are various capabilities, e.g. to check item properties, check relations, bill of materials, status, datasets and much more. You also are able to configure different kind of rule sets for each user, role or group.
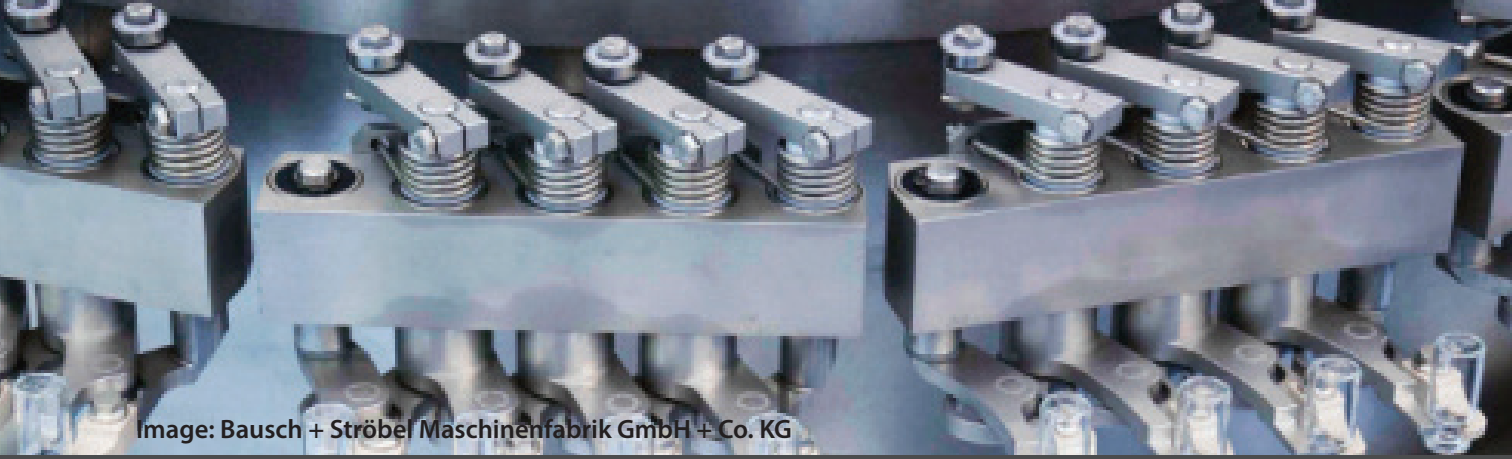
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Customer Case

Bausch + Ströbel, headquartered in Germany is one of the worldwide leading manufacturers in pharmaceutical packaging. Its product range is specifically designed for the primary packaging of pharmaceutical products including ampules, bottles, vials, syringes, cartridges, and insulin pens.

The packaging and production systems have a high percentage of individual parts and components produced in-house. Aiming to remain competitive the company is continuously improving its processes. One of the measures is reducing the number of workflow abortions by making sure, that all parts and assemblies are checked prior to sending them into their release process: attributes, characteristics, change information are checked for completeness, plausibility, and validity.

The solution provides many benefits to Bausch+Ströbel. Processes are more streamlined, accurate and have less abortions due to non-valid data. Communication between engineering and other departments is more efficient and faster model modifications are leading to shorter cycle times.

"With BCT CheckIt a product has been developed that enables the user to recursively check the attributes, characteristics and change information of complex assemblies for plausibility and completeness."

Michael Pratz

Head of Data Handling/ Organization/Technical Department

Bausch + Ströbel Maschinenfabrik GmbH + Co. KG