

# Change Tables, Four-Eyes Principle, Email notifications

## entegra Vault Engineering Tools

The Vault engineering tools enable automated processing in Vault and Inventor, and can be executed before or after a Vault command or in the case of a Vault status change. The functions listed below are examples of possible configurations. Others can be added, some via configuration only.

### Updating change tables

After a file status changes, the current date and logged-in user are automatically entered into the Vault change table. In addition, a change reason from the previous revision can be reset for the new revision.

### Four-eyes principle for approval

Compliance with the “four-eyes principle” is checked when a file is approved. The status change is cancelled in the event of non-compliance.

### Email notifications

Emails can be sent automatically to a configurable distributor, e.g., after a file is approved.

### Bill of materials export

An Excel bill of materials can be automatically exported when an Inventor assembly is approved. An Excel license is required for this task.

### Additional options for job creation

The engineering tools can be used to create any number of jobs for all the files in a folder (with or without including sub-folders).

During this process, you can define conditions for the job creation to ensure that only certain files are included in the job creation.

Recurring tasks can also be regularly created automatically in accordance with a fixed schedule (e.g., every minute, daily at 10 p.m.).

Both features can, of course, also be combined, enabling regular jobs across the entire Vault data pool.

### Linking components in projects

All components of an assembly, as well as the associated drawings, are linked in the current assembly folder. All the drawings related to a project can thereby be easily combined into one project, regardless of where they are stored.

### Updating Inventor documents

Update Inventor drawing derivations automatically using the Job Processor to ensure they are displayed correctly by a viewer despite any changes to the referenced model or file properties.

### Creating links on the Thin Client

Create links on the Vault Thin Client for internal sharing with colleagues via email.