Digitalizing construction projects for over 20 years

Factsheet

DIGITAL PLAN MANAGEMENT

EASY. SECURE. CUSTOMIZABLE.



CHECK PLANS EFECIENTLY.

EFFICIENT

With the plan management from projectnetworld, you can efficiently control your plan runs in a short time and automatically distribute information and coordinate it in the team.

FAST

Use our extensive templates or define the processes yourself. You can configure your planned runs with just a few clicks and adapt them to your requirements.

EASY

The focus of projectnetworld is on the simplest usability and a perfect overview – for everyone involved – whether planners, auditors or project managers.

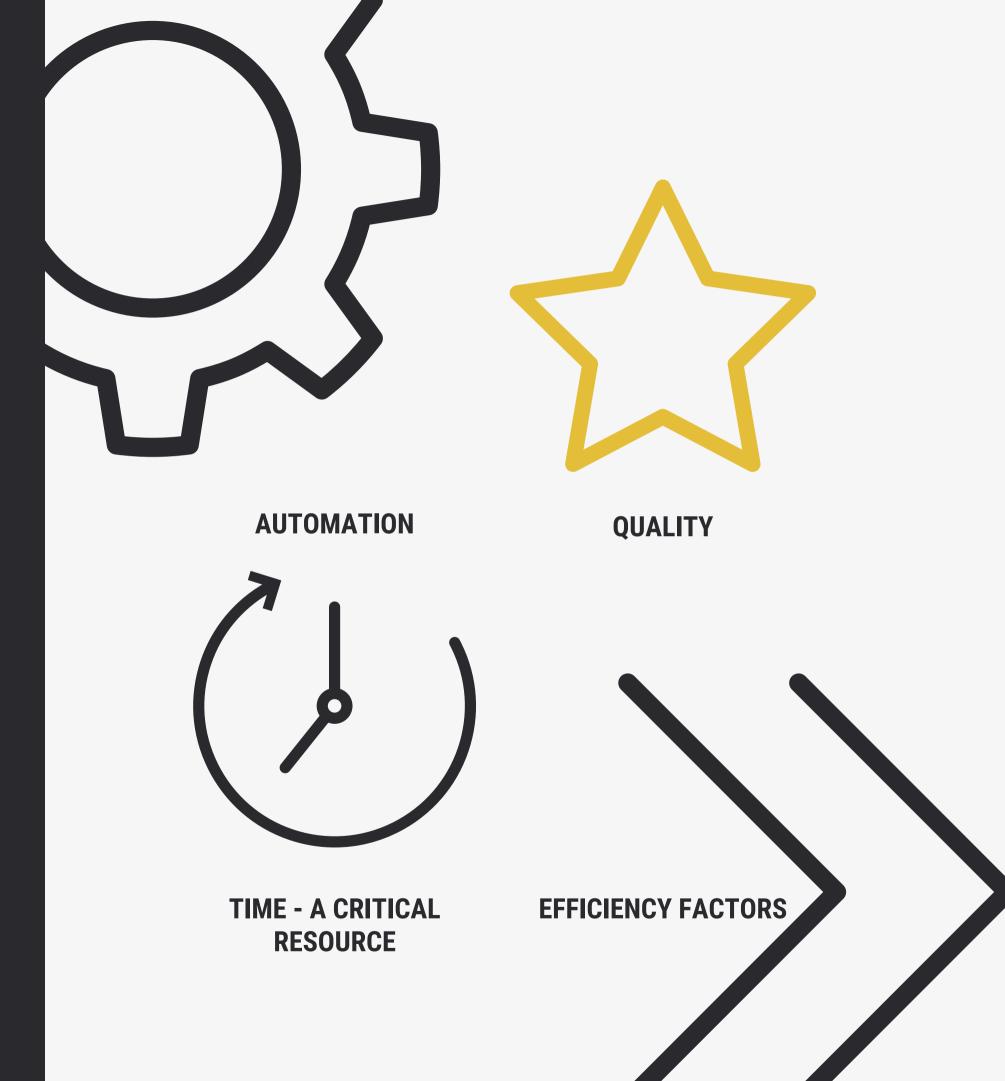
Inhalt

P 04	DIGITALIZATION AS AN EFFICIENCY BOOST
P 08	PLAN MANAGEMENT WITH PROJECTNETWORLD
P 10	WHO BENEFITS FROM PLAN MANAGEMENT
P 11	IN 5 STEPS TO A DIGITAL PLAN RUN
P 19	KEY FEATURES AT A GLANCE
P 30	CUSTOMER TESTIMONIALS AND COMPANY INFORMATION

AUTOMATION AND STANDARDIZATION AS THE BASIS FOR MORE EFFICIENCY AND HIGHER QUALITY.

EFFICIENCY BOOST THROUGH DIGITALIZATION

With the digitalization of construction project management, the entire construction process gains in quality. Delays can be either completely avoided or at least better controlled. The higher the level of digitalization, the closer your ties with customers, partners and suppliers. Digital leaders generate higher revenues and are more resistant to crises.



Source: Digitalisierungsindex Mittelstand 2020/2021 - Der digitale Status quo im deutschen Baugewerbe

DIGITAL MANAGEMENT OF **CONSTRUCTION SITES** PAYS OFF



Around a quarter of construction companies manage construction sites digitally, and a further 34 percent are planning to do likewise. This means that all data - from planning and organization, to structure and execution, to construction progress and defect notifications - is digitally recorded and stored and can therefore be viewed and accessed by all project participants at any time. Thanks to digital construction site management, the entire construction process gains in quality. Delays can be either completely avoided or at least better controlled:

92% 96% 90% 85%

REGISTER AN INCREASED QUALITY

ADHERE TO DEADLINES BETTER SAVE TIME

MINIMIZE **ERRORS**



The cloud solutions from projectnetworld enabled us to work easily and quickly from day one.

The tool's independence of location and time, as well as the security of our data, were of great concern to us.

Together with the experts from projectnetworld, we have taken the digitalization of our construction projects to the next level.

MARTIN GFRERER, TRECOLORE ARCHITECTS
ABOUT PROJECTNETWORLD

PLAN MANAGEMENT CHECK



Can you currently answer these questions at the push of a button?

- At what point in the inspection run is the plan now?
- Is the inspection schedule still being met or do actions need to be taken?
- What adjustments were brought in by the previous inspector?
- Which planner made which changes and when?
- Is this the current plan or is there a newer one?

PLANS ARE THE BASIS

SECURITY AND TRACEABILITY THROUGH ERROR-FREE PLANNING AND CONSISTENT TRANSPARENCY

Plans are the basis of every construction project

- on this basis, the services are delivered and the construction documented. Faultless plan runs and consistent transparency in all phases of plan processing are essential, especially in view of increasing complexity and rising time and cost pressures. Plan management from projectnetworld offers you this security and traceability.

Digital workflows: Digital workflows are an essential and significant component of our plan management. Our focus is on traceability and ensuring that plans are up-to-date. Our workflows enable a high degree of automation and thus significantly reduce the time you need to prepare and search for information.

Templates: As a result of our many years of experience in the construction industry, we can provide our customers with numerous plan review templates or support them as consultants and service providers.

Configuration: Our plan management offers standardized yet individually configurable views with efficient filters, allowing an effortless order in the display and search of plan documents. Any number of associated documents or comments can be added to each plan - all the information you need can thus be found quickly and easily.

Transparency: Project participants always have access to the latest versions of the plans and can track changes via a history and graphical plan comparisons.

Evaluations: Evaluations or status information, such as the current plan status or a list of missing plans or plans that still need to be checked, are immediately visible to everyone involved at all times and can also be evaluated at the push of a button.

EVERYONE BENEFITS



BUILDER

The advantages for builders lie primarily in the shortened planning throughput times, automatically documenting processes and decisions, auditing security and transparent information processing for all project participants.

PROJECT MANAGEMENT

Project managers benefit above all from the continuous transparency in all phases of plan processing and testing, the significantly reduced coordination and control effort, as well as the automatic status reports and the avoidance of claims by means of stored deadlines.

PLANER

The focus on value-added work through the structured overview of all inspection tasks, the reduction in processing and throughput times, change information and inspection comments at a glance are just a few of the advantages for planners.

INSPECTOR

Inspectors benefit above all from the structured overview of all inspection tasks, the reduction in processing and throughput times, the change information at a glance and the focus on the value-adding work.

CONTRACTOR

The plan management gives contractors an overview of all approved plans, detailed information about which plans are currently being reviewed or approved, and they avoid additional work and idle times.

IN 5 STEPS TO YOUR DIGITAL PLAN RUN



Setting up the plan coding

Providing plans

1

2

3

4

5

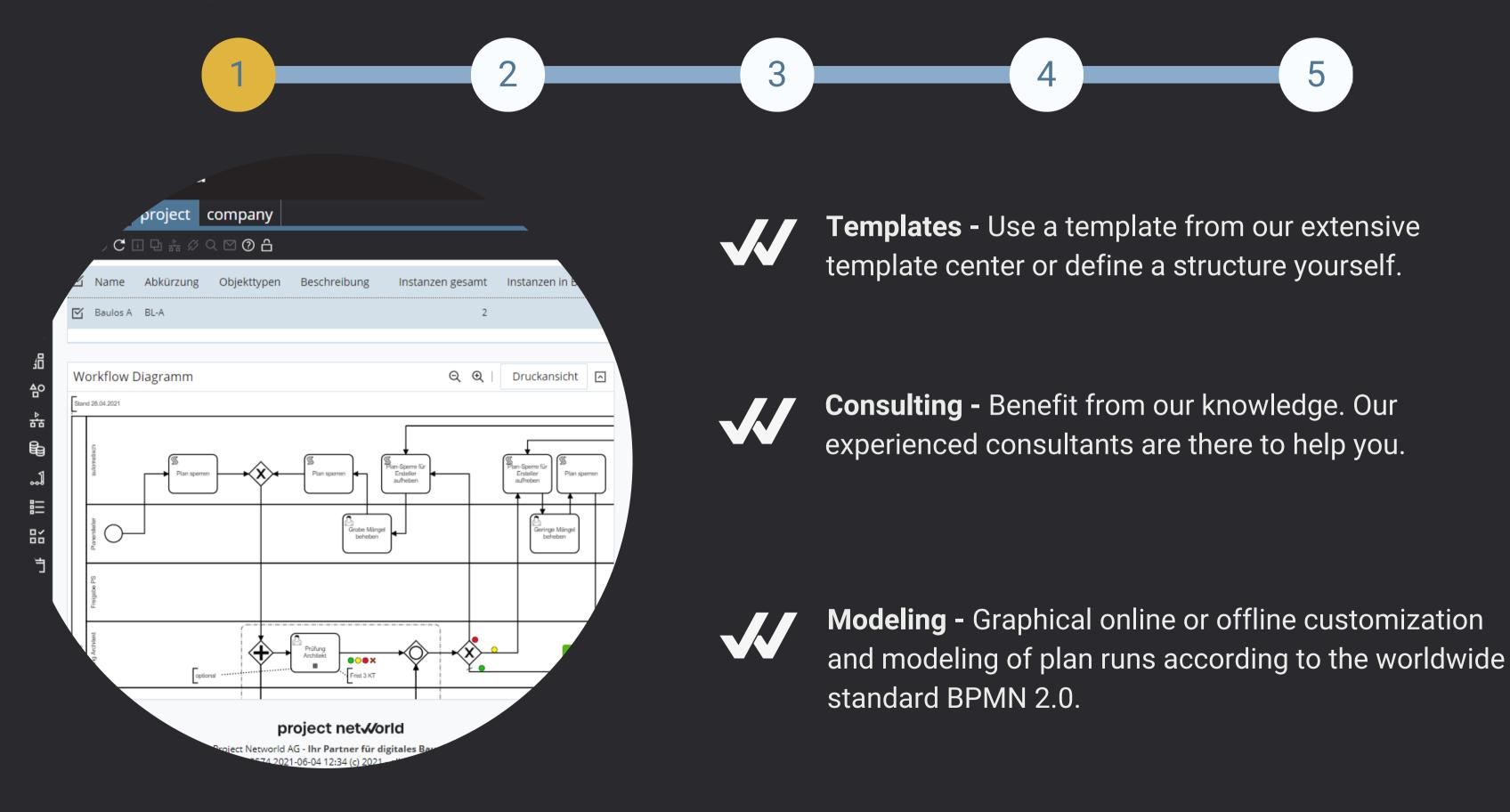
Modeling the plan runs

Creating a plan delivery catalog*

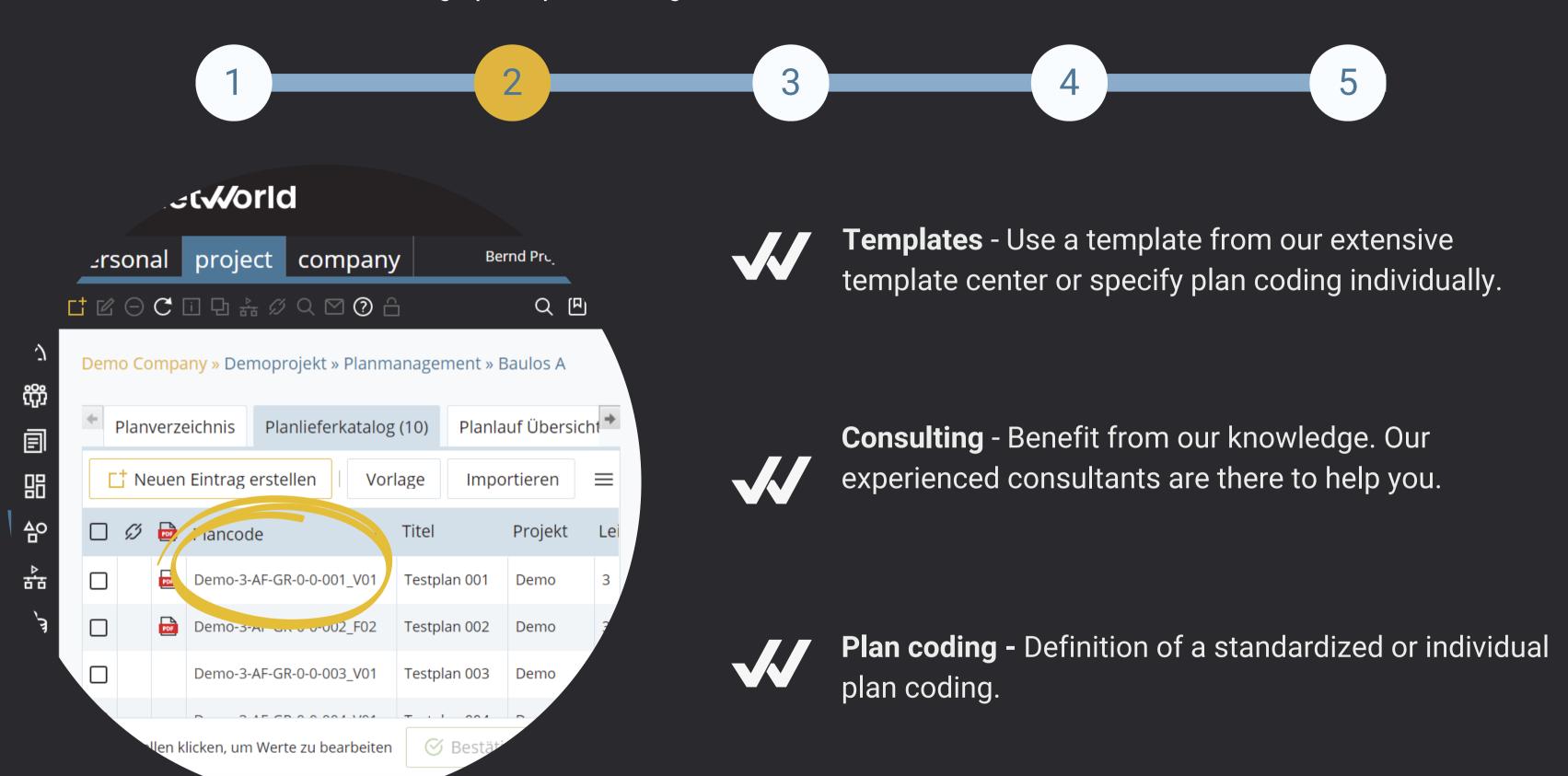
Inspecting plans

*not mandatory

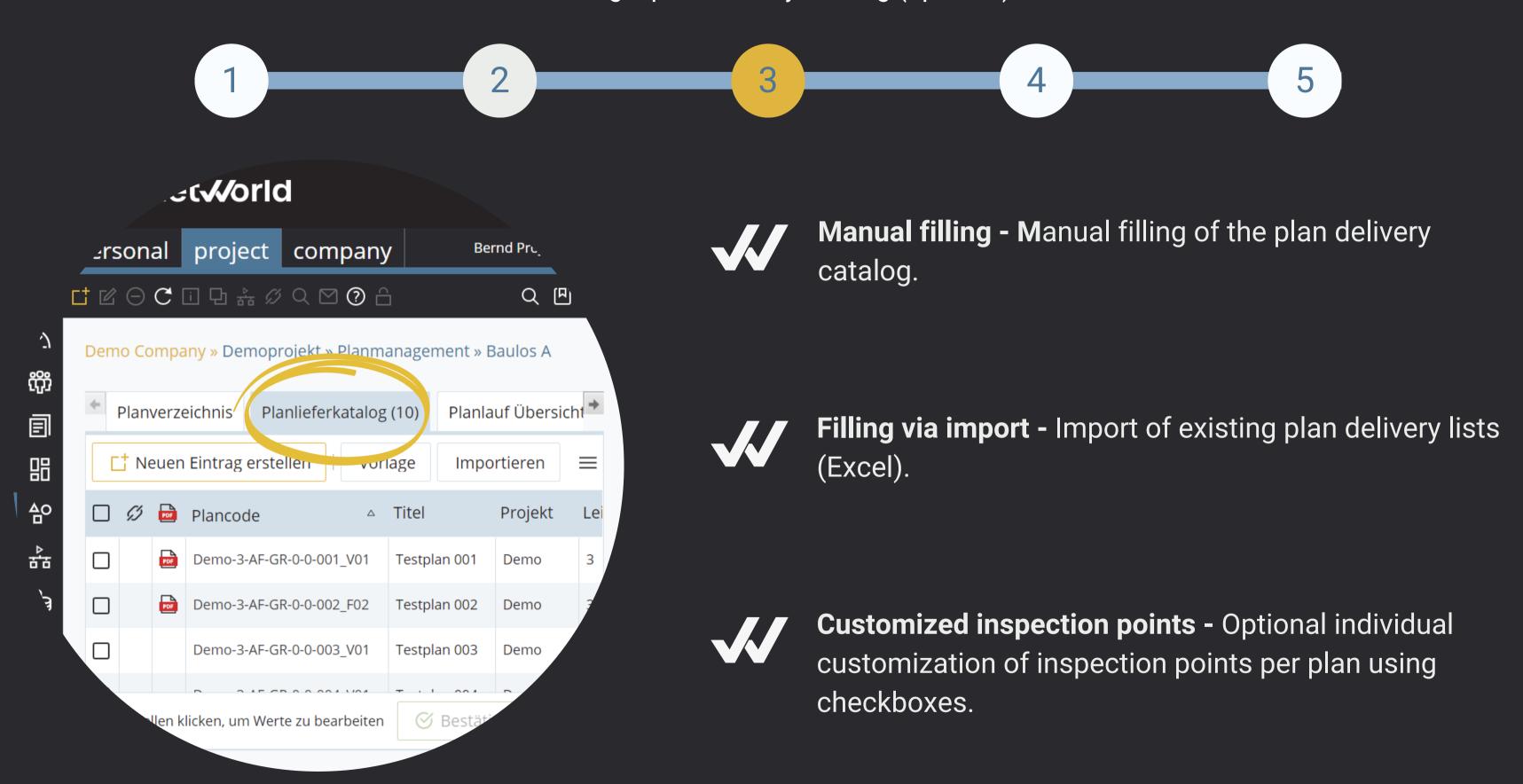
Modeling the plan runs



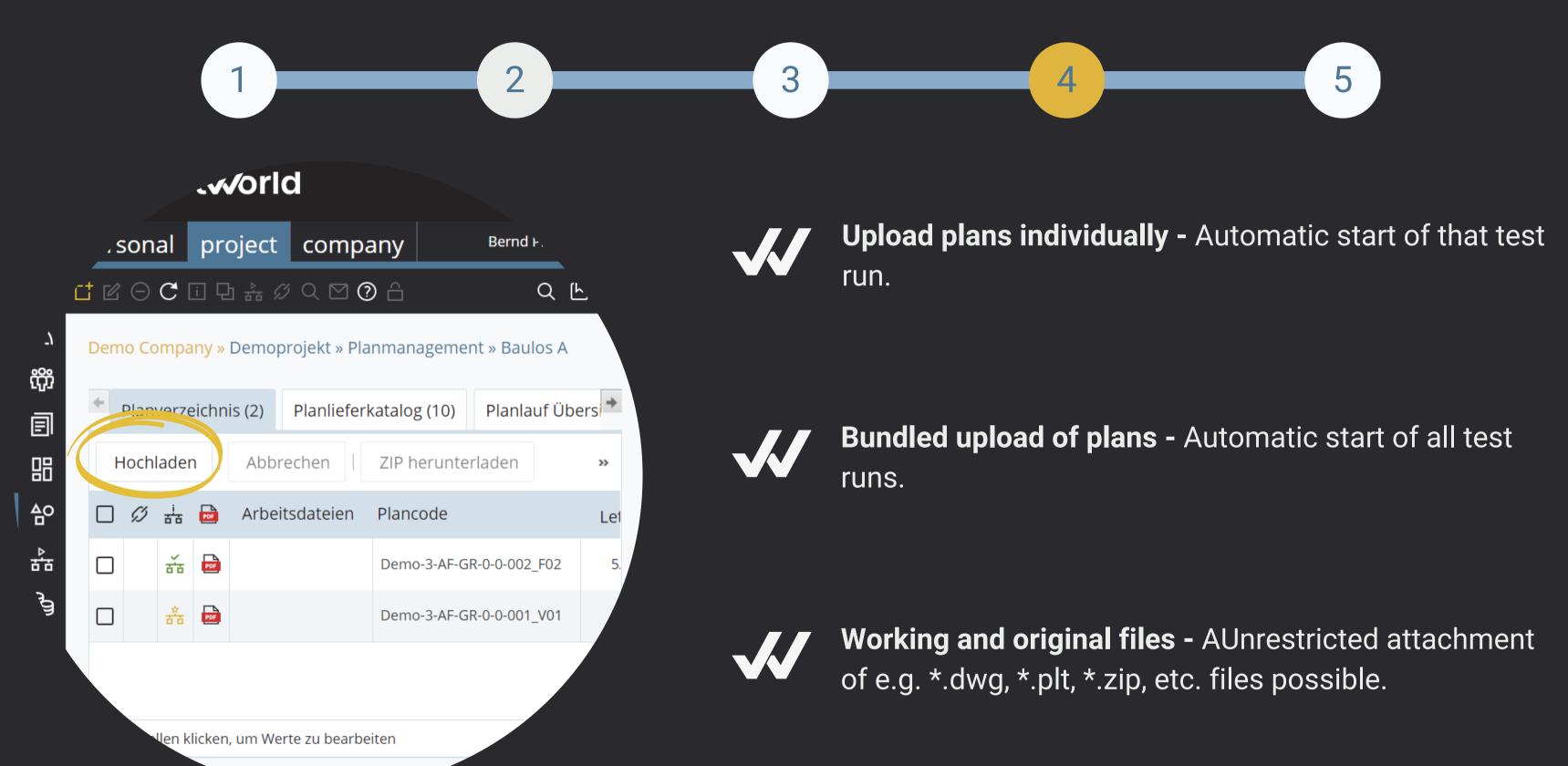
Setting up the plan coding

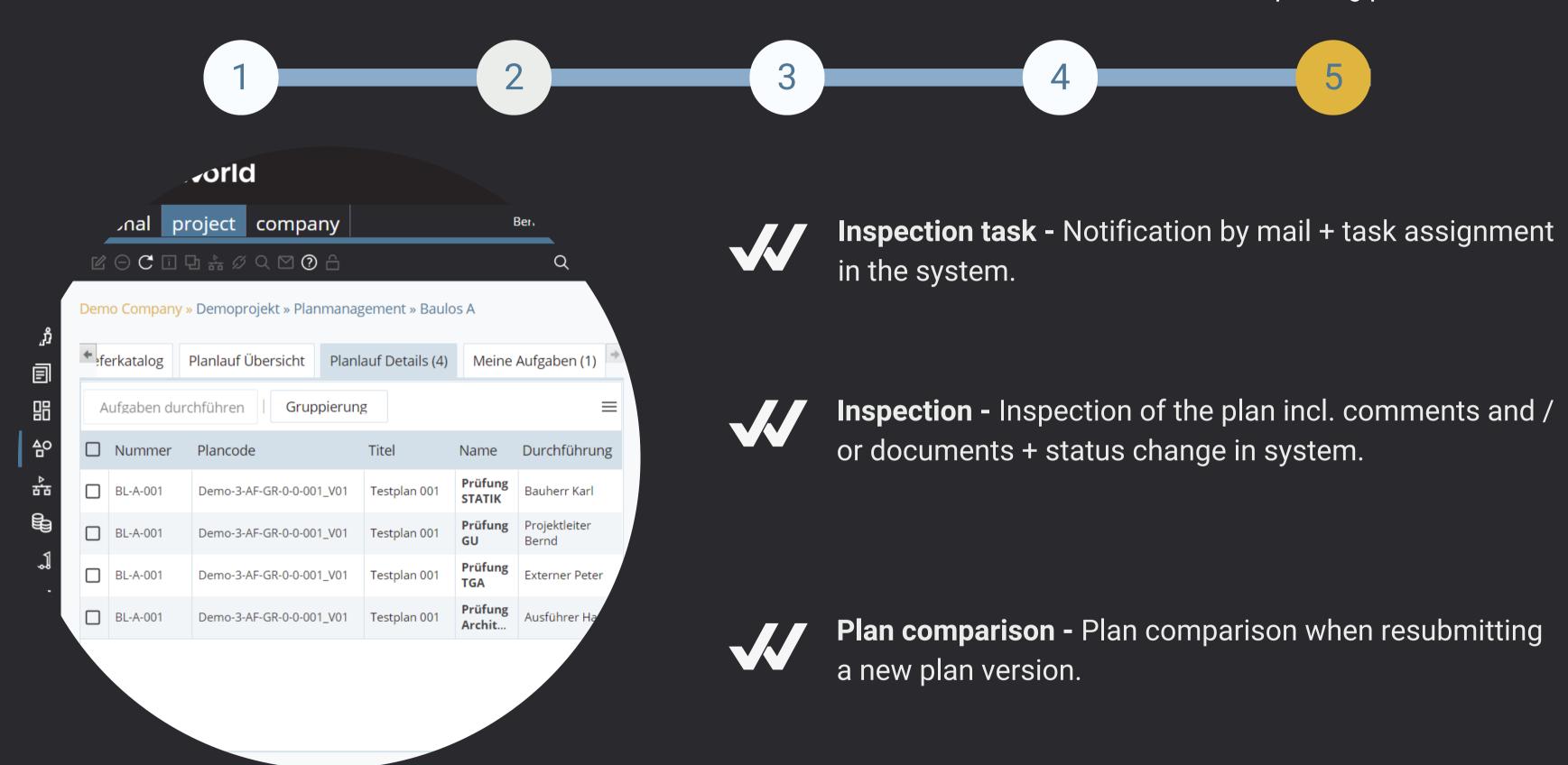


Creating a plan delivery catalog (optional)



Providing plans





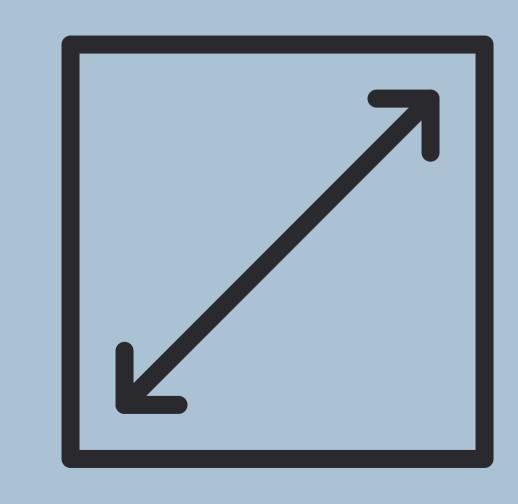
SOLUTIONS FOR ALL PROJECT TYPES AND PROJECT SIZES

PROJECTNETWORLD PROVIDES IMPORTANT TOOLS FOR THE EFFICIENT MANAGEMENT OF CONSTRUCTION PROJECTS OF ANY SIZE. DEPENDING ON THE PROJECT TYPE, THE PLATFORM IS FREELY SCALABLE.

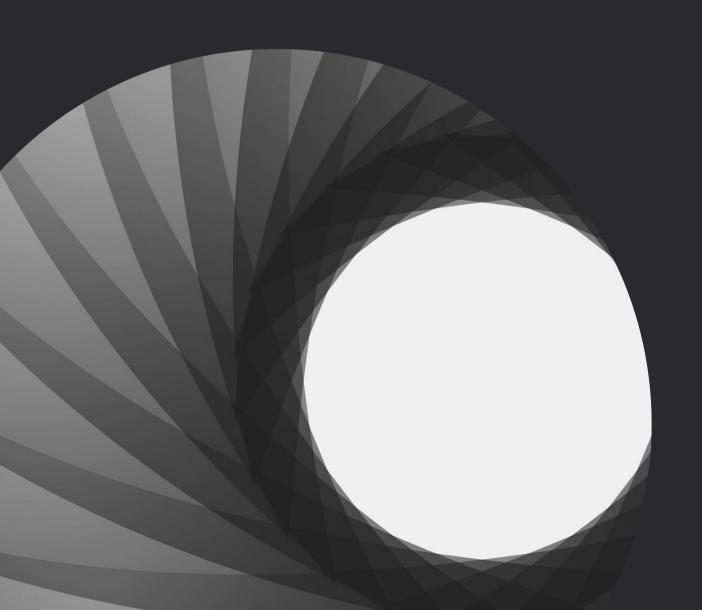
You manage a small construction project and do not need a plan delivery catalog?

No problem - perhaps our document management including versioning is already sufficient for your project. Medium-sized projects may also not need a plan delivery catalog but prefer to work with our workflows. Large projects enjoy the support of our comprehensive plan management solution.

Please contact us if you have any further questions!



OUR FOCUS: YOUR BENEFIT





Template Center

Our template center for plan runs or plan coding, among other things, is available to you as needed at any time - you don't necessarily have to reinvent the wheel and can rely on our expertise.



Multitasking

Inspectors have the ability to open multiple inspection tasks at the same time to complete them more efficiently.



Automation

Checking tasks are automatically distributed to the responsible persons after uploading, thanks to stored responsibilities in the workflow.



Flexibility

Flexible adaptations of the inspection runs, e.g. the integration of additional inespectors or the introduction of additional decisions, are also possible at any time during ongoing inspection operation.



Date Security

Smart and easy-to-generate report lists on, for example, missing or existing plans or lead times facilitate schedule control.

Key features at a glance

PLAN RUN DESIGNER

PLAN CODING

PLAN DELIVERY CATALOG

PLAN DIRECTORY PLAN RUN
OVERVIEW AND DETAILS

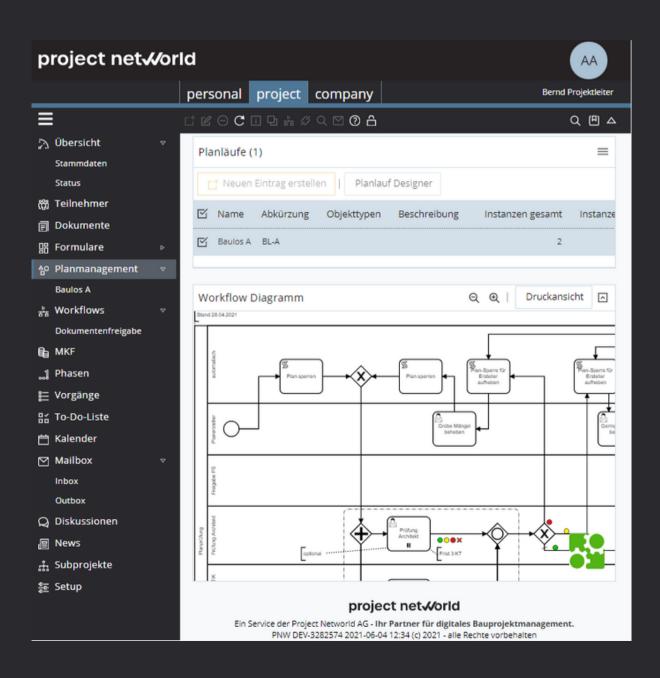
TASKS IN PLAN RUN

MY TASKS

PLAN COMPARISON

PLAN HEADER AND QR CODE

PLAN RUN DESIGNER



THE PLAN RUN DESIGNER ALLOWS A FLEXIBLE GRAPHICAL CONFIGURATION OF PLAN RUNS.

Plan runs can be modeled individually per project, copied from other projects or taken over from project space templates.

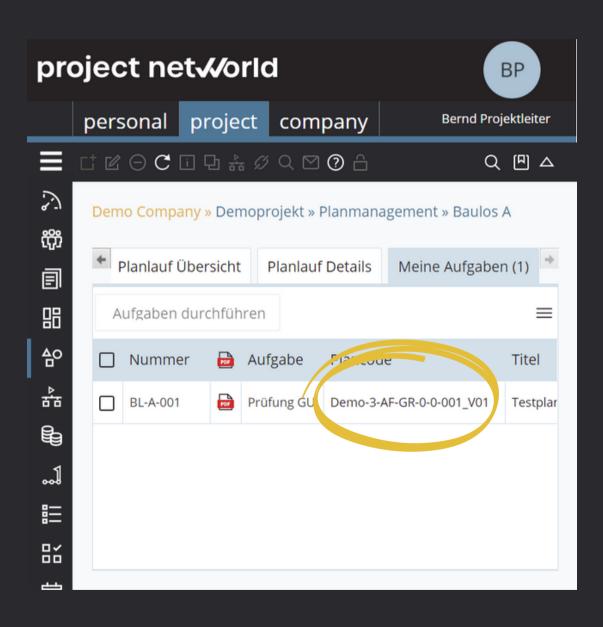
Plan runs are modeled graphically based on the international workflow standard BPMN 2.0 (Business Process Model and Notation).

Inspection runs can be adapted during the inspection process via version management, thus ensuring maximum flexibility. In addition, configurations can be used to flexibly adapt the platform behavior (locking of plan versions in the course of inspection tasks, etc.).

Any number of inspection runs can be configured with the Plan Run Designer if different test logics are required in the project.

Inspection points can be set up in such a way that they can be flexibly switched on and off per plan via checkboxes in the plan delivery catalog.

PLANE CODING



PLAN CODING IS A UNIFORM MARKING SYSTEM FOR ALL PLANS.

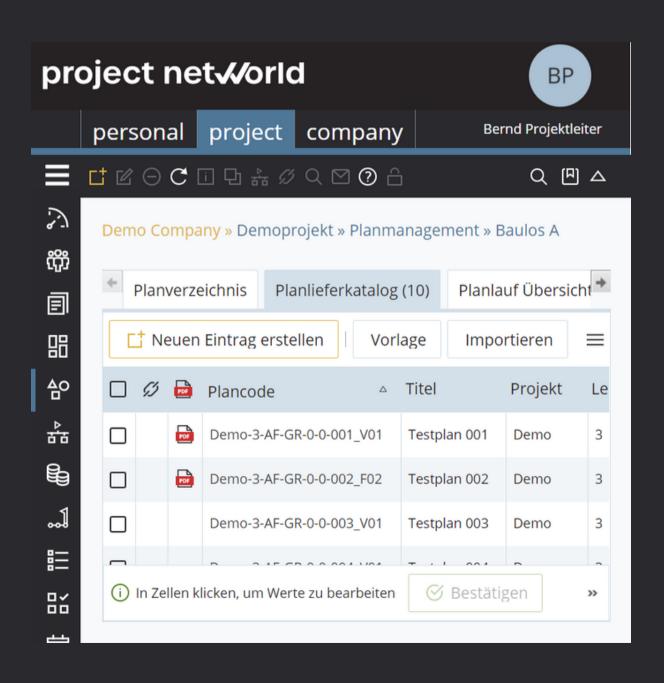
An individual plan code can be defined for each project. This ensures that only correctly named plan documents can be sent through the inspection run.

The value lists of the coding can even be flexibly extended during the inspection run.

The plan coding includes automatic plan versioning, which can also be adapted if required.

In the plan delivery catalog, the defined plan coding can be viewed and exported at any time.

PLAN DELIVERY CATALOG



ALL PLANS TO BE CREATED DURING A PLAN RUN (TARGET) AND THEIR ASSIGNED INSPECTORS ARE REPRESENTED IN THE PLAN DELIVERY CATALOG.

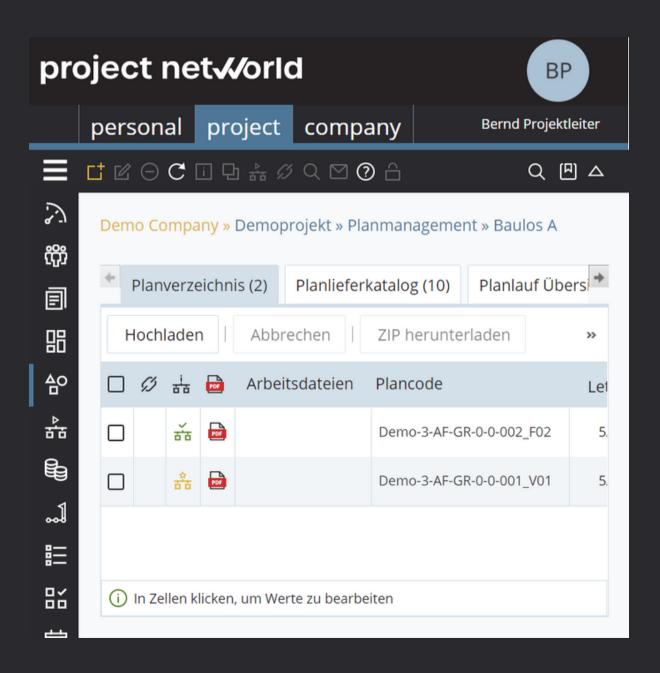
The plan delivery catalog can be created easily and quickly and if desired can also be imported via Excel upload. A template is available for the import as a download.

The view of the plan delivery catalog can be configured individually. Columns can be shown and hidden or filtered by column content. For example, only plans with a certain plan type can be displayed. In addition, each user has the possibility to save individual views.

Individual inspectors can be conveniently customized via checkboxes. Thus it is possible to define the inspectors individually for each plan.

The plan delivery catalog can be output in the form of a CSV or PDF file.

PLAN DIRECTORY



THE PLAN DIRECTORY SHOWS ALL PLANS THAT HAVE ALREADY BEEN UPLOADED.

The plans to be delivered are uploaded to the plan directory. All plans are displayed with their last revision number and the status of the corresponding plan run.

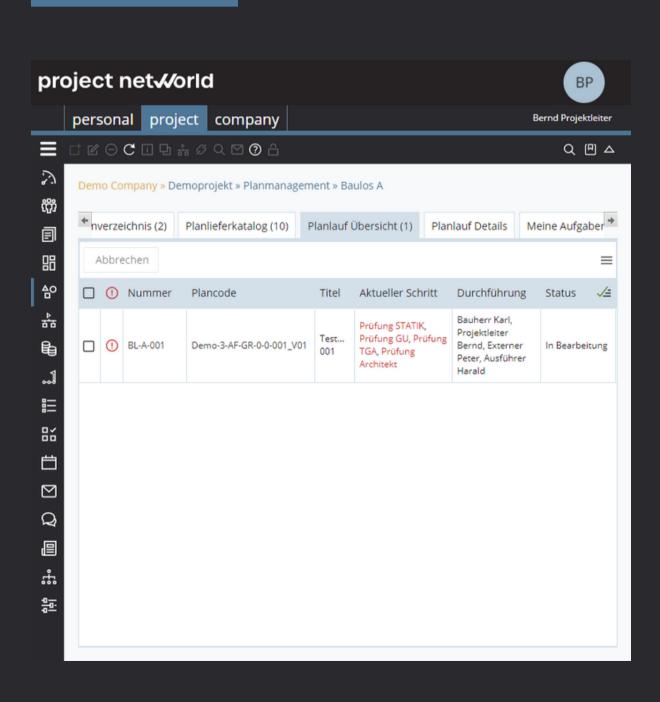
If the plan code corresponds to an entry in the plan delivery catalog when uploading and at least one inspector has been selected, the stored plan run is started automatically.

The status of the plan run is displayed by means of a colored symbol logic. By clicking on the icon, you can access the plan run details, such as current inspection tasks, plan run history, etc.

Uploaded original files (e.g. *.dwg, *.plt, ...) to plan that is currently being inspected are automatically assigned and displayed.

Current plan revisions can be viewed in the plan directory at any time. Multiple plans can also be downloaded as a compressed ZIP file.

PLAN RUN OVERVIEW



THE PLAN RUN OVERVIEW SHOWS THE CURRENT STATUS FOR ALL STARTED PLAN RUNS.

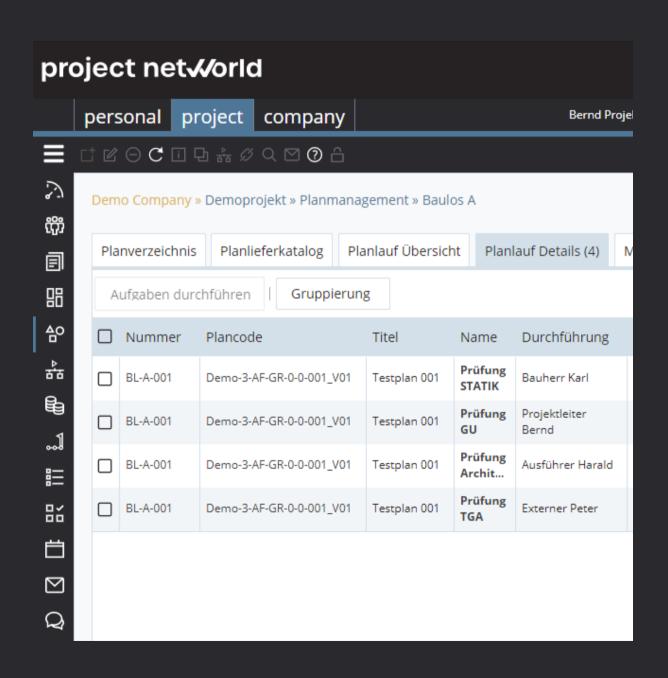
The plan run overview is a controlling overview on plan run level.

Each planned run is assigned a unique, consecutive number. Clicking on this number opens the detailed, unchangeable plan run history, in which each task - who processed what and when - is documented in a separate line.

If deadlines are not met during a plan run, this is marked accordingly. By setting a filter, you can display the overdue plan runs in a clear form, even if you have a large number of plans.

The status of the plan run and the version of the plan can also be monitored.

PLAN RUN DETAILS



THE PLAN RUN DETAILS SHOW ALL CURRENT AND COMPLETED TASKS FOR ALL PLAN RUNS.

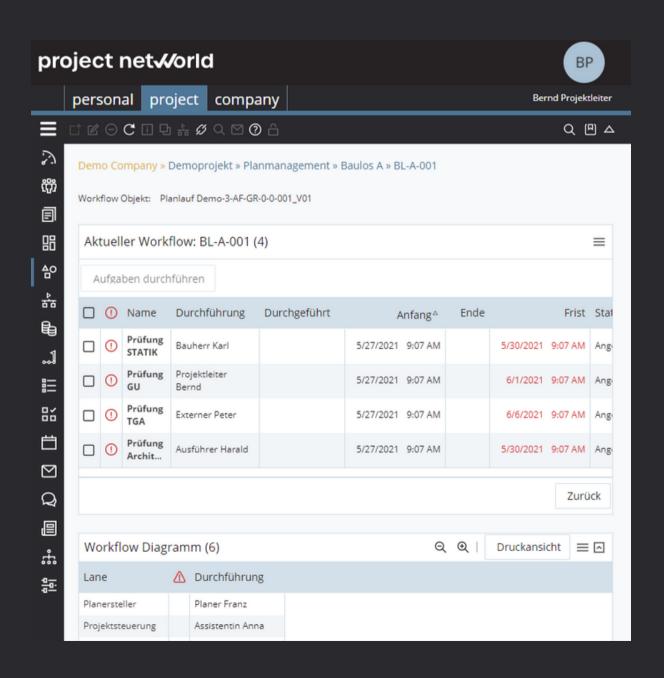
The plan run details view is a controlling overview on task level. Here, precise analyses of the processes can be carried out.

The view can be adjusted as required using the standard functions "Sort" and "Filter" or subdivided according to any criteria using the "Group" function.

If deadlines are not met for a plan task, it is marked accordingly. By setting a filter, you can display the overdue tasks in a clear form, even with a large number of plans.

In the case of parallel tasks, all tasks are listed with the corresponding responsible persons.

TASKS IN THE PLAN RUN



PLAN RUNS START AUTOMATICALLY AND THE CORRESPONDING TASKS ARE ASSIGNED TO THE RESPONSIBLE PERSONS.

If a user receives a task from a plan run, the user is notified about it in several ways:

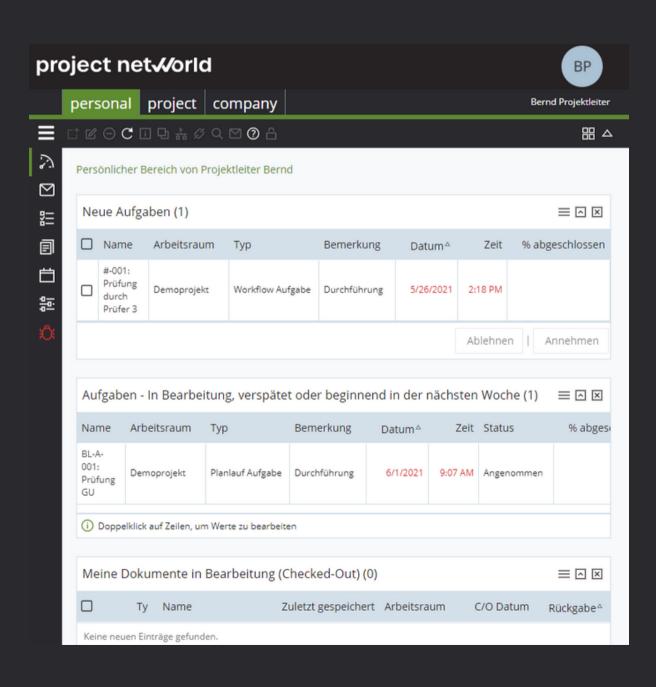
- Notification by e-mail with all details about the task.
- New task in the "personal" section of the "Tasks" module.
- New open task in the projects for each plan run in the "My tasks" area.

If a user opens a task, he will basically see three areas:

- the details and contents of the task
- the history with the already executed tasks of this plan run (can be expanded or collapsed)
- the diagram with the graphical representation of the plan run.

If the user has made all the necessary entries and confirmed them, the next plan run step is initiated automatically.

MY TASKS



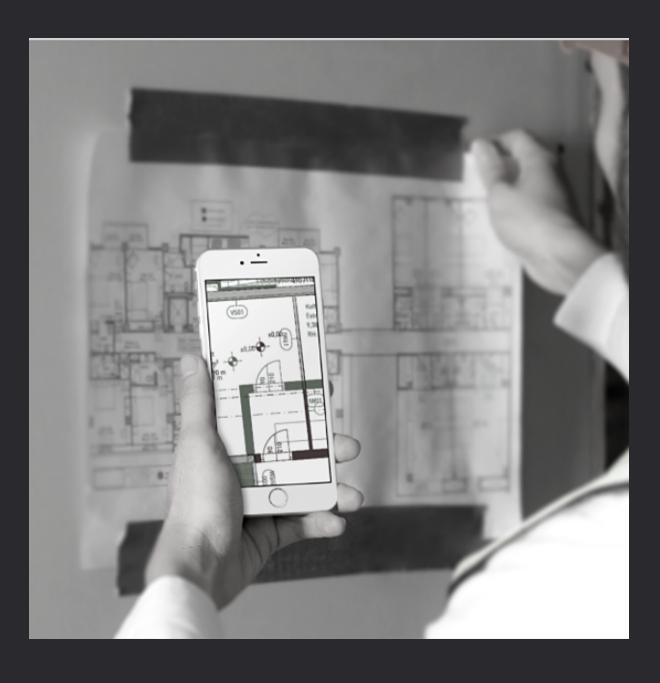
THE "MY TASKS" VIEW SHOWS EACH PROJECT PARTICIPANT HIS OPEN TASKS FOR THIS PLAN RUN.

In this view, all open plan run tasks of the user are clearly displayed.

The associated plans are automatically linked, thus reducing search times and error rates.

In the course of the inspection of plans, there is the possibility, to ensure good usability, that any number of plan run tasks can be carried out "in one step". This prevents each task from having to be opened and completed individually.

PLAN COMPARISON

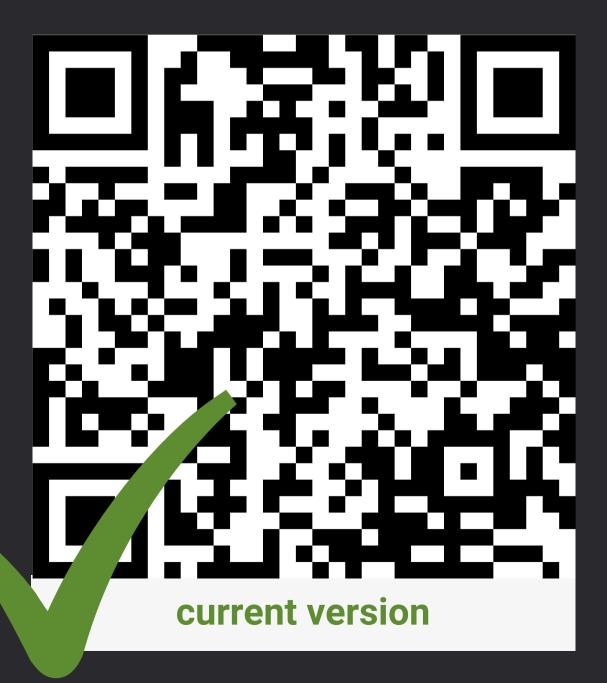


THE PLAN COMPARISON SHOWS YOU ALL PLAN CHANGES AT A GLANCE.

The plan comparison shows you all plan changes at a glance. Plan statuses are automatically versioned on the platform. After uploading a new plan status, you can view the differences to other versions.

The plan comparison function automatically detects plan changes and highlights them in color. Thus, differences in the two plan versions (old / new) are immediately apparent.

PLAN HEADER AND QR CODE



MAPPING PLAN RUN INFORMATION ON THE PLAN HEAD.

The possible positions of the plan header fields (e.g. plan code, revision number, release status, etc.) are specified in advance.

Current information about the plan run, e.g. signature stamp after successful inspection, can be mapped automatically on the PDF plan.

A particularly useful field of the plan header is the QR code with which you can quickly check whether you have the current plan revision in front of you. This supports version control on the construction site.

Even users who are not registered on the platform can use a simple QR code scanner to scan it and see at a glance whether you have the current version of the plan in front of you.



The plan management solution from projectnetworld allowed us to work easily and quickly from day one. None of the project participants have to deal with the complexity of the inspection run, but instead can concentrate on their value-adding tasks.

ABOUT PLAN MANAGEMENT WITH PROJECTNETWORLD

AN EXCERPT OF OUR CLIENTS ...







StaDt#Wien





























Jungbunzlauer

project net-World

DIGITAL CONSTRUCTION PROJECTS. FOR OVER 20 YEARS.

The Vienna-based software company Project Networld AG, founded in 2000, is considered an Austrian pioneer in the digitalization of construction processes. The construction project management software projectnetworld is purely web-based and is used in infrastructure, construction and plant engineering projects of various sizes throughout Austria and internationally. The modular structure of the software and a multitude of smart tools offer not only clear documentation but also integrated plan management, defect management, task management as well as workflows and team communication for clear cross-company collaboration. Customers of the multi-award-winning cloud service range from small to medium-sized construction companies to international infrastructure companies.

More Information about projectnetworld: www.projectnetworld.com



FURTHER QUESTIONS?



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