

The Digital World of Construction

PERI offers solutions for each and every project phase

At PERI, we offer our customers the ideal solution for each and every phase of their project. With our extensive service and product portfolio of digital solutions and software, we aim to make a value-added contribution in the form of new technologies and solutions – with added value for the customer the key area of focus at all times.



The objective of all digital solutions is to facilitate, automate and simplify work processes. This ensures a higher level of safety, greater efficiency, improved quality and, ultimately, lower costs. The portfolio covers everything from planning and organisation to implementation.

It all starts with a plan

Every project starts with a plan – because the right planning is the foundation for the project’s success. Using suitable, efficient CAD software, it is possible to create professional formwork and scaffolding solutions for complex engineering structures in great detail. That said, even simple ground plans for residential or office buildings require well-founded planning.

PERI has developed the PERI QuickSolve planning tool for this purpose. The tool

can be used to design simple ground plans in the formwork and scaffolding area quickly and intuitively. The thinking behind the planning application is that the required solution for the products can be created in a manner that is fit for use, even without having detailed knowledge. Registration is free of charge and can be completed at any time of day.

All of the planning tasks can be organised on a product-specific basis. You can react spontaneously to unexpected changes at any time, whether it’s in the planning or construction phase.

Intelligent material management

Having information about the materials improves the work processes on every construction site. Using various identification technologies, both active and passive ones, it is possible to track the materials

from the stockyard to the construction site and back again. The digital solution PERI Locate is available for this purpose. Live data and localisation will help you to plan the use of your materials in the best possible way.

In this way, storage costs and resource expenditure for material management and logistics can be reduced over the long term. What’s more, we are able to optimise internal communication and work processes. Last but not least, PERI Locate ensures that materials are used optimally and in a project-oriented manner. Unnecessary time spent searching for missing material is completely eliminated. ▶



3D visualization

Visualisation plays an important role in all stages of the construction process. In particular, these virtual models are beneficial for communication, security and efficiency across a wide range of processes. With the PERI Extended Experience app, project-specific models, data and BIM content can be visualised during construction work using technologies such as augmented reality, virtual reality and mixed reality. The virtual world and real life are beginning to merge with one another. Various visualisation options allow the respective models to be optimally integrated into the planning and construction process. The app is available for both Android and iOS.

Using BIM in formwork and scaffolding planning optimises the use of resources, such as labour and material resources, both before the project starts on the construction site and throughout the entire life cycle.

The range of BIM services offered by PERI includes consistent use of construction data throughout the entire building life cycle with the support of selected software partners.

All data at a glance

The myPERI online customer portal serves as a comprehensive platform for project organisation for keeping track of all data during the construction phase. This includes project reports for

evaluations and analyses, online return delivery requests, technical drawings, project videos and much more. With myPERI, customers are able to manage their construction sites and projects in a simple, purposeful manner. You get access to important project data and can call up product and article information around the clock, even if you are on the construction site.

The basic version of myPERI is available to all customers free of charge and provides an overview of ongoing construction projects, includes commercial documents and provides the latest news from PERI. It is a system that is constantly undergoing technical refinement and can be used from all end devices. ►



► Watch now the video – myPERI – The digital customer portal



Planning large industrial construction sites

With PERI, digital solutions are used regardless of the size of the construction and project. Even on large industrial construction sites, planning and management of scaffolding materials can be optimally combined into a single tool. By using mobile applications on the construction site, it is possible to document the scaffolding status, the material and time usage as well as the inspection processes. This enables better control and execution of all scaffold-related tasks.

With the PERIpath software, it is possible to plan a chronological sequence of scaffolding work. It is easy to integrate and manage all of the information and clearly

assign it to a scaffold. This minimises costs and further risks associated with scaffolding work on the construction site. The Scaffold Estimation Tool is available to estimate the required scaffold material quickly and flexibly. It is easy to use, does not need to be installed on a system and does not require any prior CAD knowledge.

PERI is able to assist its customers with a digital solution regardless of the project phase, for example with planning software, system configurators, PERI component libraries for BIM, plug-ins for CAD software, a customer portal as well as numerous other innovative technologies and approaches. ■