

# Check-up

"The time is ripe for  
maximum process power"

**Faster, more flexible, less expensive: Instant engineering optimization!**

In principle, a healthy engineering process can be compared to a living organism. Its organs work self-sufficiently in a wide variety of functions, but only their meaningful interaction ensures total effectivity and efficiency. That's why, from a process viewpoint, we focus on your engineering. Our invitation to an engineering check-up stands: Start using our measures right away in your continuous optimization process.

**Clear objectives: More efficiency, continuity and quality in your project planning**

The conflicting demands of extreme price pressure, short time frames and higher quality requirements send a clear signal: The pressure to take action continues to increase. Make an impressive stand in the market with the EPLAN Platform engineering solutions. Profit from our experience, expertise and solid concepts. Opt for an interdisciplinary engineering workflow that ensures a productive and plannable future.

**A savings of up to 90% is possible in individual process steps.**

**Your potential time and cost savings:**

- 50% - Organization and procuring information
- 60% - Searching for and finding templates and master data
- 50% - Integrating preplanning in the platform
- 50% - Increasing the degree of repetition through standardization
- 50% - Gradually changing engineering methods
- 60% - Maximizing project and option technology
- 90% - Introducing functional methods
- 50% - Integrating related engineering disciplines
- 50% - Revisions, service and archiving

**ePLAN** your **e**ngineering

FRIEDHELM LOH GROUP

**ePLAN**<sup>®</sup>

Check-up-days

Migration

System

**Engineering**

Methods

**EPLAN**  
**Engineering**  
**Check-up**

It bothers you that the same topics are brought up again and again at meetings and discussions?

You have the impression that there is not enough information at the start of the order?

You notice over and over again that parts are missing when the bill of materials is created?

It has happened once too often that the time remaining for the project is dangerously too tight?

You wonder why commercial processes run more consistently than engineering does?

We look forward to meeting you

**Engineering Check-up**

Ideal project planning.

# Check-up

## Analysis & Contents

### Engineering Check-up

#### Contents

We put your engineering workflow to the test and also perform a detailed check on important parts of your system.

- Itemization of the steps and time distribution in your project process using a typical order as an example
  - Parts/master data maintenance
  - Preplanning, execution planning
  - Working on quality/revising
  - Manufacturing documentation
  - Manufacturing (in-house or external production, interfaces)
- Average project size, number of projects, processing time
- Working steps
  - Time needed to collect information and clarify details
  - Pure design time
  - Evaluation of the degree of replication in projects
  - Time needed to enter parts (per part, per project)
  - Degree of standardization
- Time needed to create production documents
- Degree of integration of related disciplines

#### Result

You receive a written record of the stock taking result and analysis as well as an estimate of the cost/benefit.

#### Analyzing your data

One of your experienced employees is part of the check-up process. Together, we perform the short analysis. The choice is yours and you decide on the implementation of our suggestions.

#### Service

2 days on site + analysis + concept + calculation of ROI

#### Further information

For further information please contact your local EPLAN office.

[www.eplan-your-engineering.com](http://www.eplan-your-engineering.com)

#### Calculation example

<b>3 Designers (220 days * 8 h * 3 employees)</b>	<b>5.280 h</b>
50% of the time - engineering	
10% of the time - information procurement	528 h
40% of the time - working on the system	2.112 h

#### Measure

<b>Design guidelines</b> (Savings: 3 h * 46 weeks * 3 employees)	- 414 h
<b>Inclusion of pre-planning data</b> (Savings: 1 h * 46 weeks * 3 employees)	- 138 h
<b>Standardization of material and master data</b> (Savings: 1 h * 46 weeks * 3 employees)	- 138 h
<b>Standardized templates/option technology</b> (Savings: 3 h * 46 weeks * 3 employees)	- 414 h

<b>Savings of required engineering time: 41%</b>	<b>1.104 h</b>
<b>Cost rate: 60 €</b>	<b>66.240 €</b>