



PROFIS ENGINEERING BASIC TRAINING

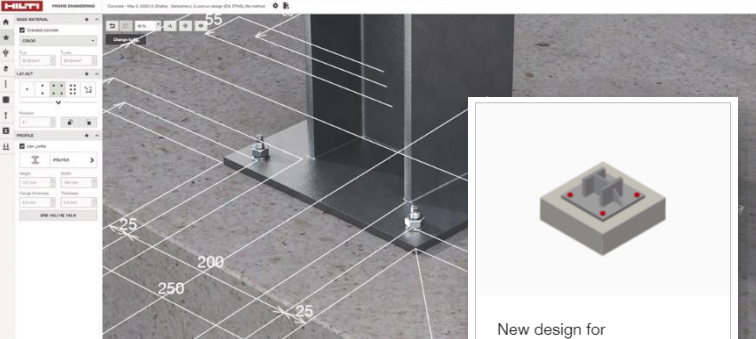
Daria Skoreva
BEng & Arch



AGENDA

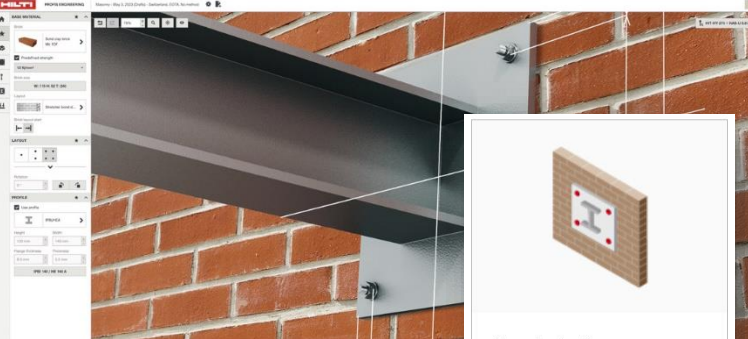
1. Introduction
2. PROFIS Engineering Suite:
 1. Interface and design examples
 2. Versions available
3. Join us for the upcoming events

PROFIS ENGINEERING: ALL-IN-ONE SOFTWARE FOR STRUCTURAL CONNECTIONS



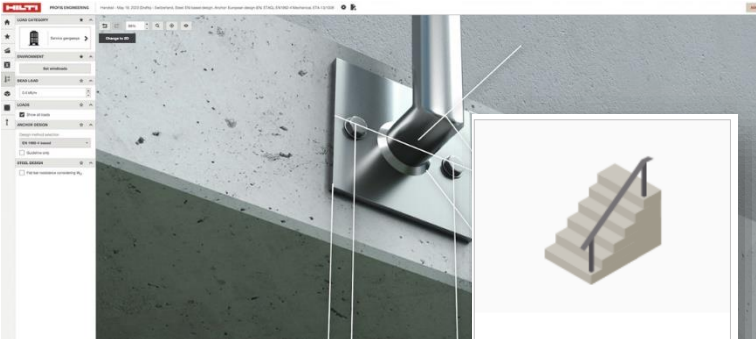
EC2-4, ETAG, Hilti SOFA

New design for **Concrete fixing**
United Kingdom, European design (EN, ETAG)




EOTA TR054

New design for **Masonry fixing**
United Kingdom, EOTA



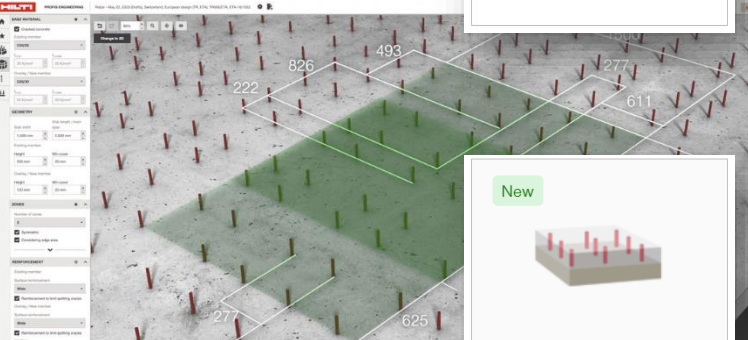
EC2-4, ETAG, Hilti SOFA

New design for **Handrail fixing**
United Kingdom, European design (EN, ETAG)



EC2-1-1, EOTA TR069, Hilti Methods

New design for **Post-installed rebar**
United Kingdom, European design (TR)

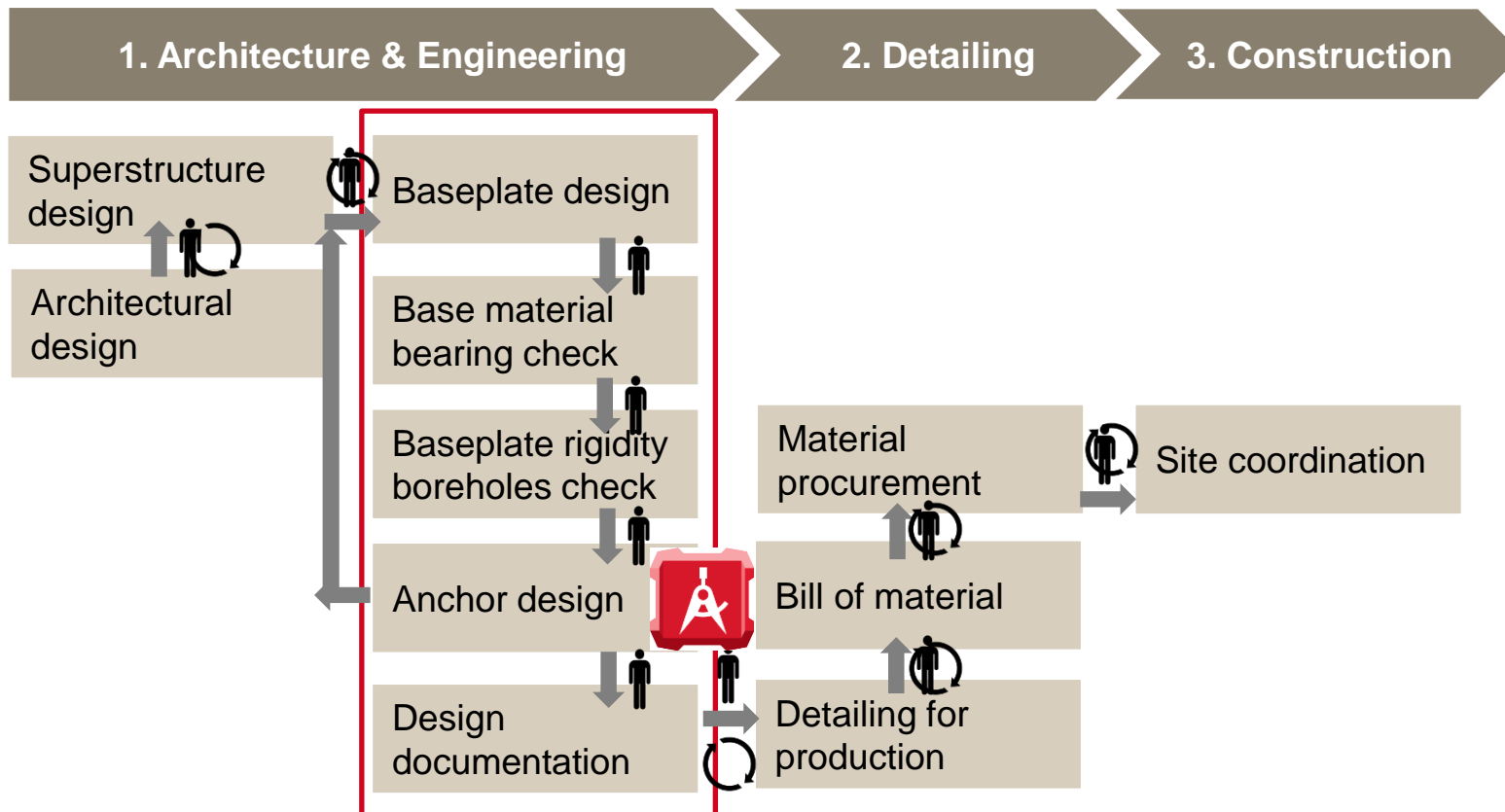


EOTA TR066

New design for **Concrete overlay**
United Kingdom, European design (TR)

- Timber screw design
- Composite decking shear connector design
- ...

BASEPLATE CONNECTIONS DESIGN FLOW



Manual data transfer



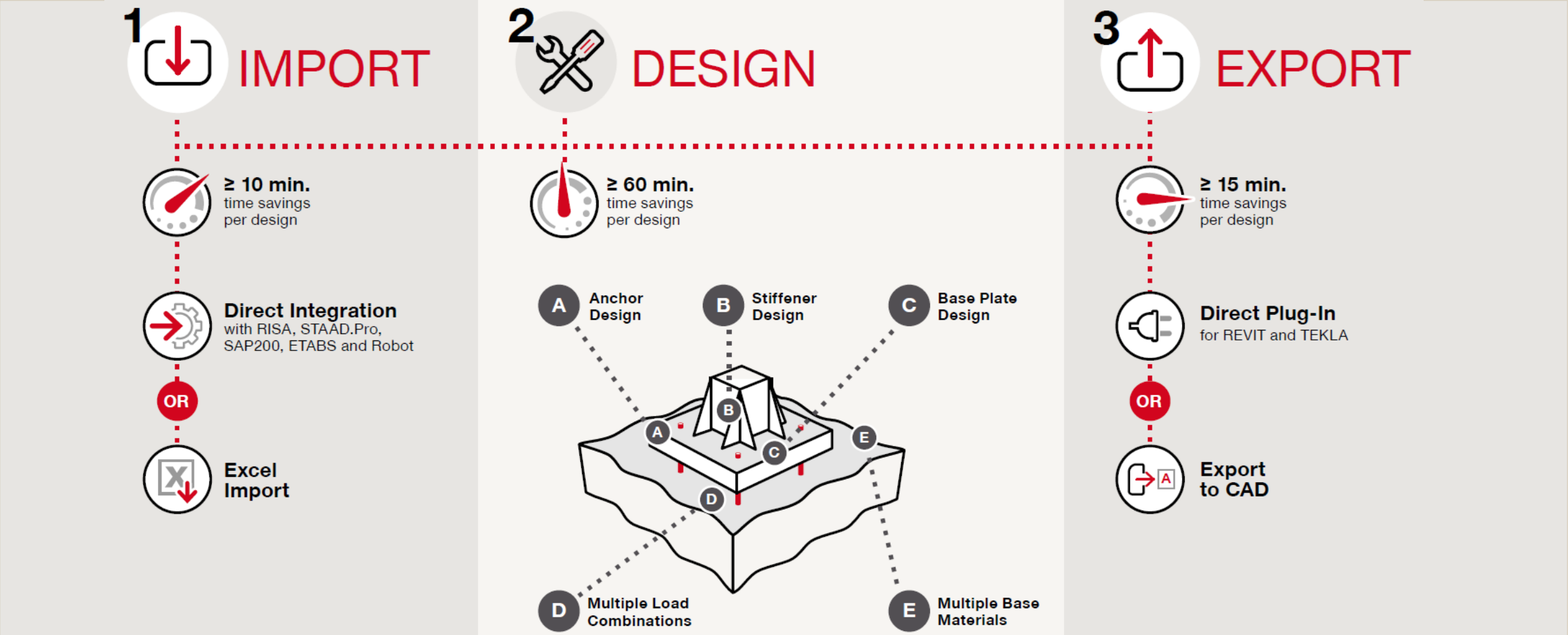
- Slow manual work
- Room for errors
- Inefficient
- Must be repeated with design iterations

Digital data transfer



- Fast
- Automatic data transfer
- Easy to update

REDUCE DESIGN TIME AND MINIMIZE MISTAKES WITH PROFIS ENGINEERING



PROFIS ENGINEERING: ALL-IN-ONE SOFTWARE FOR STRUCTURAL CONNECTIONS

Cloud Collaboration

PROFIS Engineering enables you to collaborate with your team members and clients in real-time, easy and intuitive.



Increased Productivity

Minimize wasting time and mistakes through integrations with the main structural software in the market.



Code Compliance and Transparency

Design with up-to-date international codes and regulations. No black box feeling with full design reports.



Learn Efficiently



Whether you are an experienced or a graduate engineer, our technical training – covering application basics and advanced modules – enable you to do fast, compliant designs.

Solution Optimization



PROFIS Engineering prompts ways to optimize your connections while making sure you act within the regulation scope

Automatic Updates

Receive the latest updates automatically:



- Codes & Approvals
- New Features
- Latest Anchor Portfolio

AGENDA

1. Introduction
2. PROFIS Engineering Suite:
 1. Interface and design examples
 2. Versions available
3. Join us for the upcoming events

AGENDA

1. Introduction
2. PROFIS Engineering Suite:
 1. Interface and design examples
 2. Versions available
3. Join us for the upcoming events

PROFIS ENGINEERING SUITE: VERSIONS AVAILABLE

Premium

Yearly subscriptions (see price on your local Hilti site)

Single

Premium features assigned to one user.

Floating

Premium features shared between an unlimited number of users assigned to a license.

For each license purchased, one user at a time can access the premium features.

Standard

Free of charge

Premium features available for new users for 30-day Trial. Standard features assigned after the end of Trial period.

**PREMIUM
30-DAY
TRIAL**



Direct link to the software:
<https://profisengineering.hilti.com/>

PROFIS ENGINEERING SUITE FEATURES

	Feature	Standard (Free)	Premium (Paid)
1	Cloud-enabled access	✓	✓
2	Multiple Codes & Regulations	✓	✓
3	Anchoring Steel to Concrete	✓	✓
4	Anchoring Concrete to Concrete – Post-installed Rebar & Overlay	✓	✓
5	Anchoring to Masonry	✓	✓
6	Smart Baseplate Design	✓	✓
7	Supplementary Reinforcement	✓	✓
8	Multiple Load Combinations	✓	✓
9	Cast-in Place Anchors	✓	✓
10	Basic Baseplate Rigidity Check	✓	✓
11	Full CBFEM Baseplate Rigidity Analysis	✗	✓
12	Full Design & Calculation of Fixture point including welds, profiles, stiffness etc.	✗	✓
13	Import Loads from Excel, Dlubal, Risa, ETABS, ROBOT, SAP 2000	✗	✓
14	Export to BIM/CAD or via Revit Plugin	✗	✓
15	Cloud File Sharing	✗	✓
16	Customized Design Templates	✗	✓
17	Favourites Inputs Menu	✗	✓
18	Customizable Design Reports	✗	✓
19	Full Design & Calculation of Handrail application	✗	✓

AGENDA

1. Introduction
2. PROFIS Engineering Suite:
 1. Interface and design examples
 2. Versions available
3. Join us for the upcoming events

JOIN US FOR THE UPCOMING EVENTS: PROFIS ENGINEERING SERIES



July 24th 10:00 AM (GMT)

**PROFIS Engineering –
Supplementary reinforcement**

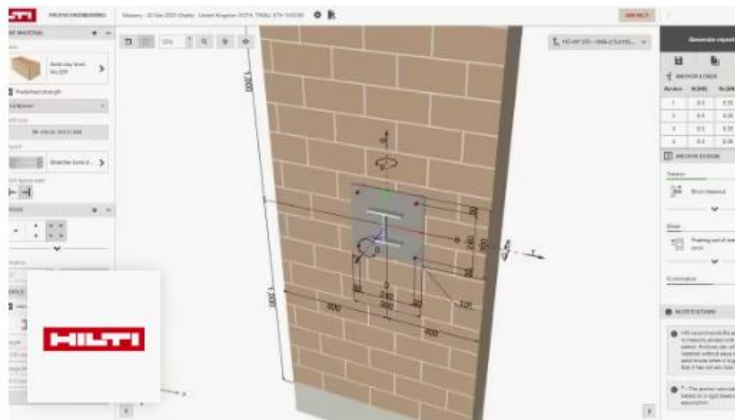


Utilise the software to design and calculate connections relying on supplementary reinforcement



Sep 4th 10:00 AM (GMT)

**PROFIS Engineering – Masonry
module**



Learn how to tackle the design when fixing into brickwork or blockwork



Sep 24th 10:00 AM (GMT)

**PROFIS Engineering – BET
(Baseplate Engineering Training)**



Dive deeper into steel-to-concrete connections under EN1992-4 with CBFEM analysis

THANK YOU!

Contact us:

- GB

Tel: 0800 886 100

Email: gbtas@hilti.com

Web: www.hilti.co.uk/engineering

- IE

Tel: 1850 287 387

Email:

ieteamtechnicalsupport@hilti.com

Web: www.hilti.ie/engineering

- Finland

Tel: 0207 999 350

Email: tekninenosasto@hilti.com

Web: www.hilti.fi/engineering

- Sweden

Tel: 020 555 999

E-post: tc@hilti.com

Web: www.hilti.se

- Denmark

Tel: 44 88 80 80

Email: tekniskafdeling@hilti.com

Web: www.hilti.dk



ASK.HILTI.CO.UK