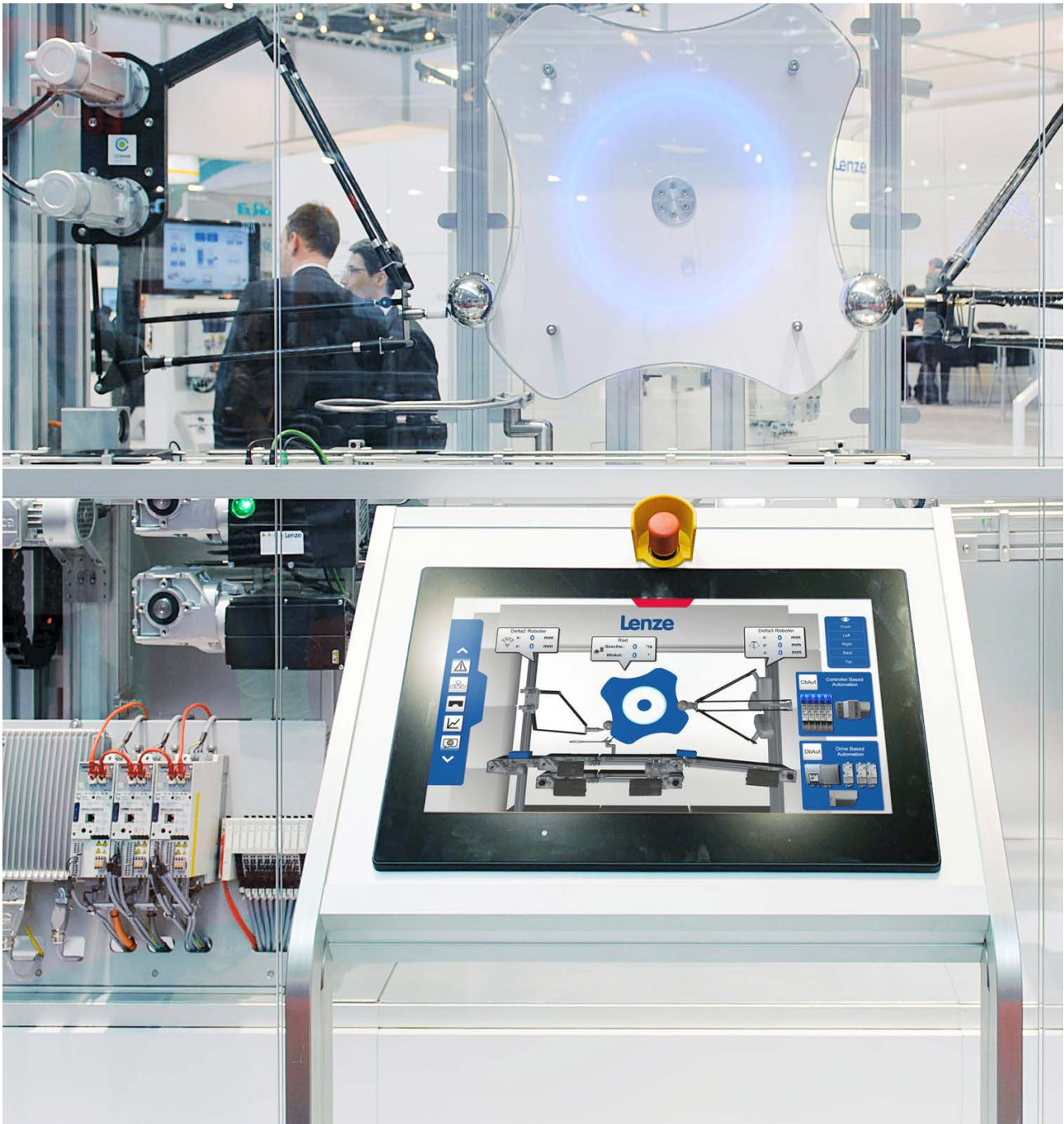# EASY Engineering Tools



As easy as that.

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Lenze

# The right license for every user group

**EASY Professional – easy programming**

Create and commission machines with maximum precision, dynamics and safety

**EASY Advanced – easy parameterization**

Rebuild and commission machines

**EASY Essentials**

Plan, set up and diagnose machines

## EASY Essentials (free of charge)

Everything you need in the planning phase of your machine: quickly and easily identify, design and assemble the right products. And when operating your machine, you can access all the parameters quickly and adjust them if necessary.

## EASY Advanced (license)

With additional functions for convenient commissioning and optimization of the drive train, your possibilities are broadened. This allows you to configure machines more quickly. Become more confident about developing and commissioning your machine. With the EASY Advanced license, you can adjust, analyze and optimize the drive for the application in question more precisely and efficiently.

## EASY Professional (license)

Machine programming according to industrial standards: EASY Professional contains all the functions you need to plan and implement complex tasks to completely automate the machine.

Possible variants for all license levels:
- **Single –** single user license for one workstation
- **Company –** multi-user license for all workstations within a company
- **Buyout –** multi-user license for all workstations within a company, sub-licensing to customers as part of machine supply permitted

EASY Professional is available as a 30-day trial version with full functionality.

Our engineering tools are available for download:
http://www.lenze.com/en-us/download/software-downloads/

**Legend:**
- O EASY Essentials
- ● EASY Advanced
- ✚ EASY Professional

| Use case/function | EASY Product Finder | Drive Solution Designer | PLC Designer | EASY UI Designer | EASY Starter |
|---|---|---|---|---|---|
| **Planning** | | | | | |
| Catalog function: find products, choose options, request a quotation | O | | | | |
| Basic sizing: find the right products for the application | O | | | | |
| Exact sizing: optimally size the drive train for the application | | O | | | |
| Carry out an energy efficiency analysis for the application with the entire drive train | | O | | | |
| Use engineering data (CAD, M-n characteristics and much more) of Lenze products | O | O | | | |
| Supports custom motors | | ✚ | | | ✚ |
| **Implementation** | | | | | |
| Parameterize inverters and controllers with dialog guidance | | | ✚ | | O |
| Use extensive application templates | | | ✚ | | |
| Edit projects and applications offline | | | ✚ | | ● |
| Compare and document applications that have been created | | | ✚ | | ● |
| Perform engineering tasks with many inverters and controllers at the same time | | | ✚ | | ● |
| Use innovative near field communication (NFC) for parameterization | | | | | ● |
| Graphically configure inverters with the FB Editor for the particular tasks of your machine | | | ✚ | | |
| Program inverters or controllers for the machine tasks (logic and motion) | | | ✚ | | |
| Set up complex processes, e.g. electronic cams or coordinated movements | | | ✚ | | |
| Parameterize safety functions | | | ✚ | | ✚ |
| Create machine user interfaces | | | | ✚ | |
| **Operation** | | | | | |
| Update application | | | ✚ | | O |
| Speedy diagnostics (incl. trend record) | | | ✚ | | O |
| Update firmware | | | | | O |
| Perform engineering tasks with many inverters and controllers at the same time | | | ✚ | | ● |
| Oscilloscope for the diagnosis and optimization of fast processes (device-dependent) | | | ✚ | | ● |
| Carry out program-controlled updates of application and firmware (batch mode) | | | | | ● |
| Retrieve from external tools via tool calling interface (TCI) | | | | | ● |
| Configure IoT gateway for OPC-UA | | | | | ● |