Systèmes Didactiques s.a.r.l.
Equipement pour l'enseignement expérimental, scientifique et technique

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Lab Docs Editor Advanced



Editor for editing and creating interactive experiment instructions in HTML format for digital teaching. These Lab Docs can be used directly in a web browser. This creates a digital protocol - completely without an app on any tablet, smartphone or PC.

For vocational education
Lab Docs were developed for instructing, recording and evaluating experiments, but can also be digital worksheets or questionnaires on completely different topics.

Customise and personalise all Lab Docs: from composing a course to editing all content
Create your own Lab Docs
Focus on content: The layout is created completely automatically.
Teacher version with sample solution and student version in one document
PDF export for printing (internet access required)
Distribute to students and colleagues with a single click via the online platform LeyLab (internet access required)
Distribute to devices of students in a class room without internet access (local WiFi network required)
Live preview during editing
School licence for use on any number of PCs in a school or institute

Among other things, the following contents can be created:
Images, vector graphics and tables
Figures with automatically numbered captions
Formulas including LaTeX
Links and file attachments for download
Material lists with auto-completion for LD devices
Text boxes, multiple choice and selection boxes

For experiments:
Interactive multimeters, tables, diagrams and oscilloscopes
Evaluations and markers
Receive measured values live from a CASSY and control the CASSY. Settings and measured values can be transferred from the CASSY (*.labm) or from CASSY Lab 2 (*.labx).
The live connection is easy to set up and supports up to four terminal devices per CASSY.
The following CASSYs are supported:
Mobile CASSY 2 WiFi
Power Analyser CASSY (Plus)
Machine Test CASSY
Converter Controller CASSY

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For self learning (Lab Docs Editor Advanced and Pro):
Automatic checking of answers, settings and measurement results with scoring
Courses of multiple Lab Docs with free navigation in the course and progress indicator
Glossary with explanations of terms, linked in the text
Summary after working through a chapter

System requirements: Windows 10/11 (32 + 64 bit), internet access (for LeyLab and PDF export), local network (for distribution without internet)

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