

**E-CAE solution for the design  
and documentation  
of machines and plants**

**ELCAD**

made by



**AUCOTEC**

# AUCOTECH's **ELCAD** offers

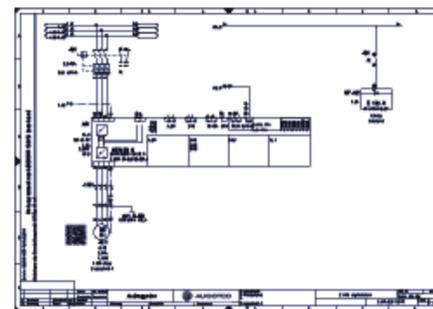
a proven, stable and versatile solution for creating electrotechnical documentation, with maximum flexibility: highly automated and fully customizable to standards, industries and your company's documentation tasks.

**Proven electrical engineering at the highest level**

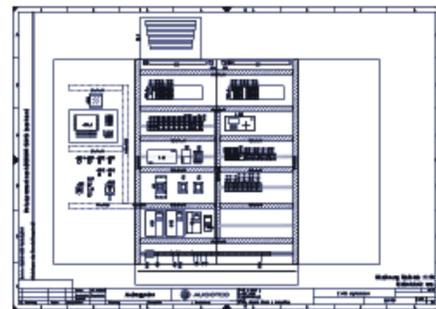
**For over 30 years, ELCAD has been used worldwide for the most diverse documentation tasks tailored to our customers in the area of electrical engineering.**

# Efficient documentation

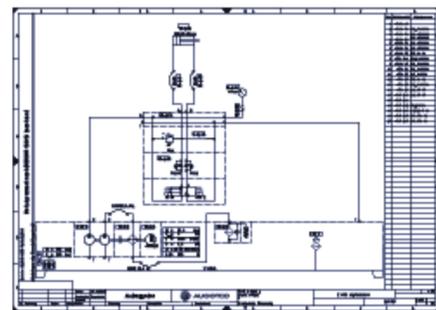
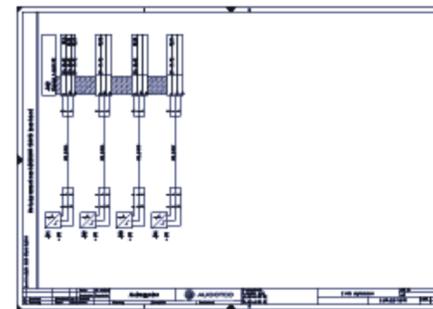
This includes provision of such standard documentation relating to orders and projects as:  
**cover page, circuit diagram, terminal block diagram, layout diagram, material lists and BOMs in the most diverse forms in the CAD system or Excel, wiring and connection lists as well as cable overview and cable assignment overviews**



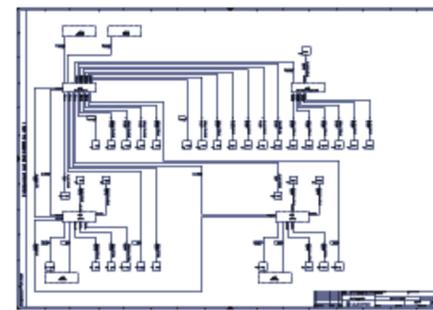
Item No.	Item Name	Unit	Quantity
1	Relay	Stk	1
2	Switch	Stk	1
3	Power Source	Stk	1
4	Terminal Block	Stk	1
5	Wiring	m	10



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# ELCAD – A success story

Today, a wide range of standard and special functions are available to the user, and ELCAD is particularly impressive with its high degree of proven stability and strict upward compatibility.

All of this is then provided with a user interface that has matured over the years and offers maximum orientation, overview and ease of use.

- ▲ ELCAD can be scaled from simple documentation to challenging design in mechanical engineering. ELCAD efficiently supports the complete workflow in the planning of electrical engineering tasks.
- ▲ ELCAD is widely used in Europe and all over the world. The CAE system is characterized by its ability to adapt to individual customer requirements.
- ▲ All current standards for the documentation of electrical engineering equipment are supported and the system has also been adapted to many industry and company guidelines due to its flexibility.

- ▲ We guarantee long-term use over decades through 100% uncompromising upward compatibility of data from version to version and integrated archiving functions. Thus your investments in the area of data generation are permanently secured.

**The success of AUCOTEC products is reflected in its market presence for more than 30 years and the over 28,000 licenses installed worldwide.**



... our customers 99

66

## GFR – Gesellschaft für Regelungstechnik und Energieeinsparung mbH



"By linking our project management tool and ELCAD, we have automated the creation of circuit diagrams, reduced processing times considerably and significantly improved the quality of the process as a whole," explained GFR's product management.

ELCAD



EATON

SIEMENS

IWK  
an  company



# Easy, quick, secure

## **Intuitive operation**

A consistent and configurable user interface, support of standards, intuitive usability and customization options with respect to user behaviour are just a few of the keywords that speak in favour of ELCAD.

The symbol-based circuit diagram design is created in ELCAD in an editing view which – according to many ELCAD users – is globally unrivalled in terms of efficiency. Thus the optimal and long-proven combination of information presentation, rapid data manipulation and intelligent support is available for each work step.

## **High degree of automation potential**

ELCAD continues to act in a graphically oriented manner, i.e. all required follow-on documents are generated from ready-made circuit diagrams - this is now done fully automatically by processes defined in the project. The user himself decides whether and to what extent this is standardized and consistent.

Where many things had to be previously performed via laborious manual work, this routine work can now be left to the "pre-planned" processes, thus allowing users to concentrate on the essential design tasks. Furthermore, customized automation can be quickly and securely implemented via the integrated command language module.



# Continuous development

## **Installation and updates even without special IT expertise**

Unlike many other programs on the market, the installation of ELCAD and the subsequent roll-out of updates means one thing in particular: minimum effort and feasible even without special knowledge. The flexible needs-based licensing model makes it easy to adjust to changing processes.

## **Training sessions at AUCOTEC or inhouse**

From the ELCAD beginner to the experienced ELCAD expert – the right training is an important component for optimized e-documentation and the simultaneous saving of time. We offer the right training concept for every level of performance.

wiring

command language

symbol design

ELCAD basics

materials management

ELCAD news

ELCAD advanced

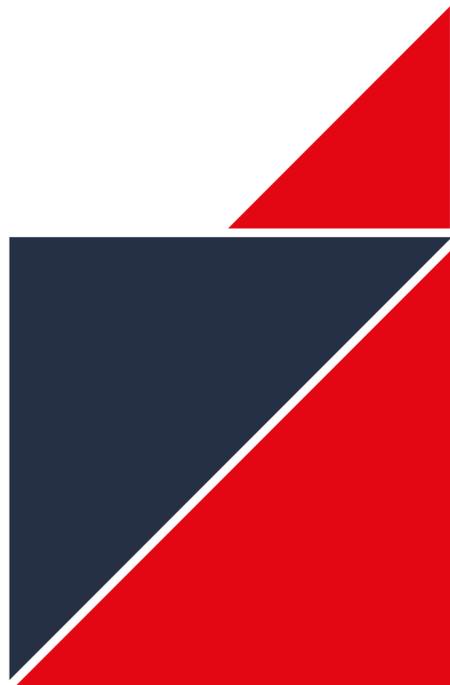


# Everything speaks in favour of ELCAD

Opt for ELCAD, an engineering system with complete design and customizing functionality.  
A highly automated tool that is fully customizable to standards,  
industries and your company – see for yourself:

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