

econ4 – Simple und intuitive for fast results

The econ4 energy management software is currently one of the leading solutions on the market. Inutitive operation, fast learning curves and successes that can be realized in the short term underline our position.

The modular, flexible structure allows adaption to individual conditions. Measuring points can easily and quickly be integrated into randomly configurable hierarchical structures, as well as combined into different key indicators.

Graphical processing in the form of user-defined dashboards and the latest graphics modules

provide immediate insights: After all, a picture is worth more than a thousand words.

A product for:

- Companies and institutions that want to operate energy management across all sectors in order to increase energy efficiency, reduce costs and conserve resources
- Companies and institutions that operate energy management in accordance with ISO 50001 or are seeking certification

Simple energy and consumption recording

Gain a valuable advantage in terms of transparency. The fourth generation of our econ4 energy management software enables manufacturer-independent integration of all data sources. The software is open for all types of energy (e.g. electricity, gas), media (e.g. compressed air) and status data (e.g. temperature). Among other things, econ4 impresses with its high level of user-friendliness in line with the motto "quick and easy". Flexible evaluations in the extensive reporting system are possible with just a few clicks.

The growing relevance of climate topics is also taken into account in econ4: In addition to cost and CO2 conversions for all cost centers, it is also possible to create environmental reports.

With all standard requirements at a glance, econ4 also proves to be an ideal assistant for ISO 50001. econ4 is assessed as eligible for funding by the Federal Office of Economics and Export Control (BAFA).



Functions, reports and evaluations



Standard reports

- Flexible combination of load profile data, mouseover function
- Time comparisons for before and after analyses, dynamically built-up visualization options
- Combination of any measuring points, also with different units
- Evaluation of the 15-minute average power values analogue to the time intervals of the energy suppliers



Cost- and CO₂-reports

- Flexible cost center reports, also automated as e-mail dispatch
- CO₂-evaluations for the sustainability reporting
- Easy and fast cost comparisons
- Ongoing review of cost budgets and CO₂ limits



Key performance indicators, treshold values and deviations

- Easy generation of Energy Performance Indicators (EnPI)
- Calculation and distribution of quantities/values to (e.g.) cost centers
- Calculation of operating hours based on the load profile
- Notification in case of non-compliance with threshold values or in case of deviations between two time ranges



ISO 50001 assistant and measures tool

- All requirements and structures of ISO 50001
- Checklist with completeness check
- Guidance for your auditing/certification process
- Automatic integration of measuring point lists and evaluations
- Recording of measures with responsibilities and before-after-analysis

Management- und special reports

- Various reports and evaluations with direct insights
- Analysis of main consumers via ABC analysis
- Spectral analysis for the evaluation of peak load times
- Sankey diagram for meeting the requirements of ISO 50001 auditors (as seen here in the picture)
- Regression analysis

| Measatellee 7 | Bille willien | v Filen. | Dessatelle aetegen |
|--|---|------------------|-------------------------------------|
| | Suchbegriff | Alle Burthauthen | Name Messatelle arlegen |
| () THE ARCONTON | 0 | | A Enhot Ancabil Strick (Stack) |
| () III Betriebent. | | | |
| 🕁 🔛 Bindeatur | | | San Hert-Eneroung |
| () III Bardeatur | g(auf Phase) ouns bei Ferriviärmebezus | | Ade hotpen in Berichten anzeigen |
| | gung bei Ferriwarmebedug gung bei Gaeverbrauch | | Surmerabler |
| | gung bei Stromverbrauch | | Summenzähler |
| to lim coo-trave | oung bei filessemutzung | | |
| () III COD-Errow | pung bei Ölverkneush | | Keenuald for API Abruf becellateben |
| 10 III Durchfuss | raine . | | Derechnungsinterval ausgeschaltet v |
| D III Enhetsies D III Energieser | | | |
| (b) 100 Filling | presch. | | |
| (D IIII Fieche | | | Termeleditor |
| () 🔤 Cas-Vertra | | | Tormakanor |
| () 🔚 Heizpradia | PF | | 40011M20M2/9A |
| See Kaina Exits See Kaina Exits | t - Zustandepstellnakipwet | | |
| ID III Kosten | 60 | | (00.90)/00)*0.5 |
| () III Kosten bei | Termedemolecture | | |
| (i) 📷 Kosten bei | Gesverbrauch | | Variablenzyweriaung |
| () 🔤 Koslen bei | | | (and other stand) |
| D Bill Kasten bei D Bill Kasten bei | Wassernulzung | | HL I |
| (0) 300 Kinden Der | Co Verbrauch | | 10 |
| () III Preasund | Faiture | | |
| (D IIII Scheinleit | | | KI |
| () III Scheinen | | | |
| (D Still Spenning | | | E spectern |
| 0 St Spannung 10 St Spannung | (auf Phase) | | e specteri |
| () 10 Stran ind | Barrel . | | |
| (P III Standels) | Phase (| | |
| | | | |
| C Stranperatur | | | |
| (i) III Stande(t) | | | |

Automatic distribution of reports

- Proactive distribution of (energy) information to any recipient via mail
- Communication of energy, consumption and performance data in accordance with ISO 50001
- Optional definition of the time interval (hourly, daily, weekly, monthly, etc.) as well as the sending time (e.g. every monday at 8 a.m.)
- Can be sent in PDF, XLS and CSV format
- Combination of texts, graphics, tables and own image files (e.g. logos)

| | Malinatures | Betrieb eines BSW | | Bolizeed | | |
|---|--|--|------------------|--|----------------|----|
| | Wrantwortung | Mustermann, Frank | | Ruch Arstang der Energendern und engefältigen Kosten füldzenandyse her das Energene eter Generalistellering der Inatiation eines BMDB Der Generalisteningen hat der Installation zugestämmt. Gegelander Belangen 18.8.2.2017 Gegelander Belangen 18.8.2.2017 | | |
| | Status | Abgeschlossen | | | | |
| | Fortschritt | | | | | |
| • | | 500 % | | | | |
| | Kosten / Einheit: | 50008.00 | ٠ | Werks | | |
| | Erwartete Einsparang / Einheit: | 100000.00 | \$200 | Gebäude: | | |
| | Erwartete Einsparang Joptionally Startbermin: | 10008.00 | ٤ | | Rebengebäude 3 | |
| | | 95.11.2029 | | Boutek | Anbeu | |
| | Endterminc | 28.06.2821 | | Berrich | Heizungsanlage | |
| | Crimeern an Endtermirc | | - Medium | | Hackschnitzel | |
| | Ausgangs situation | Wochenanalyse Reizang | | zu reparieren: Bild 1 (interne Dateiablage): | | |
| | Unsetzegserfolg | | | | Ditte wählen | w. |
| | | Bitte wählen | × | Bild 2 (Interne Dateiablage): | Bille wählen | w. |
| | Amortisations.celb | | | | | |
| | akbeder Sland der Einsparung: | 90000.00 kWh | | | | |
| | Whethe Datesablase | | | | | |
| | Plette Culeiablage | | | | | |
| | Enternance | Calara | | | | |
| | | | | | | |
| | Durchauchen | int I | O Datel hochiade | | | |
| | | | | | | |
| | B speichern // PDLDo | and the first state of the stat | | | | |
| | | | | | | |
| | | | | | | |

