



Unlock your electrical inspiration



Edito

Dear users,

We conceive and design our software solutions with you in mind. This means that we take a very careful look at our user interfaces and their options. Our intention is always to make it as intuitive, easy and straight-forward as possible.

Our training courses are thought out to help organizations and individuals improve personal competence and skills in our solutions' use. This results in enablers of sustainable business development and competitive advantage. We deliver in-house, at our premises and on-line training courses; they are standard or tailored to suit your needs. Our combined learning experiences and accelerated teaching techniques help you to achieve your training goals.

To your success!

Pedro PUIG

CEO Trace Software International

Summary

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Electrical software experts

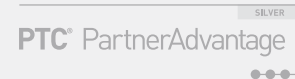


Empowering
electrical
solutions
since 1987

International presence,
covering 90 countries worldwide



Technological partners



SUBSCRIPTION SERVICES - "Keep updated & competitive"

- Trace software International offers different kinds of subscriptions that combine software updates and technical assistance, so as to ensure that you get the latest software version, unlimited and customized technical support worldwide in 24h and a direct access to the most up-to-date technical contents in the market.

Main advantages

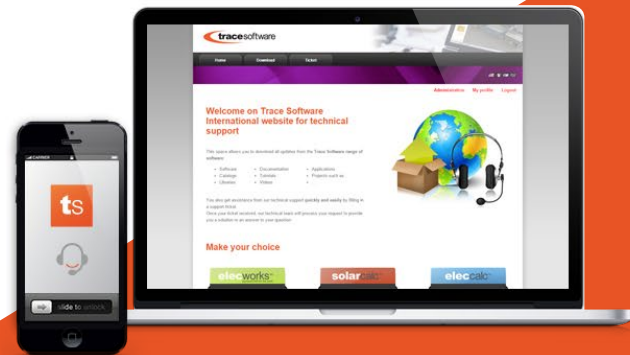
- Software upgrades & service packs
- Personalized technical support
- Certified contents access
- Predictable budgeting




Benefits

- Increase your productivity year by year
- Ensure success in your projects
- Reach a higher quality and professionalism
- Reduce your long-term costs

Subscription is the easiest way to keep your software up to date.

Trace software International subscriptions ensure you can count on the latest technology to increase your productivity.



SUBSCRIPTION LEVEL	 SILVER	 GOLD	 PLATINUM
SOFTWARE PER SUBSCRIPTION			
elec calc™	•	•	N/A
archelios™ Calc	•	•	N/A
elecworks™ 20/40	•	•	N/A
elecworks™	N/A	•	•
elecworks™ Onboard	N/A	•	•
elecworks™ Facility	N/A	N/A	•
elecworks™ P&ID	N/A	•	•
elecworks™ for PTC® Creo®	N/A	•	•
SUBSCRIPTION SERVICES INCLUDED			
Software releases/updates	•	•	•
Cloud	100MB	300MB	500MB
Training courses ⁽¹⁾	Basic	•	•
Electrical Content Portal ⁽²⁾	•	•	•
Support services	ticket / hotline	ticket / hotline / remote	ticket / hotline / remote
Warrantied answer time (max.)	24 working hours	16 working hours	8 working hours
Consulting services ⁽³⁾	N/A	N/A	1/2-day
Reference project	N/A	N/A	•

(1) Training webinars: 7 basics et 11 advanced per year. Access to recorded webinars.

(2) E-Content Portal (ECP) for elecworks: each version will have access to specific content based on its features (Platinum subscriptions will have full access).

(3) Total days per year. Travel expenses excluded. Basic training course required.

Subscription services are associated per contract.

SUPPORT SERVICES - "Our experience, your knowledge"

- Support services keep your application users productive, improve your administrators efficiency and help IT departments optimize resources. By leveraging the latest product updates, planning pro-active support and resolving issues, you will be sure to receive the value you expect from your software and support investments.

Proactive assistance



In order to keep our customers up to date about latest news and technical software improvements, as for example new software releases, service packs, new or updated technical contents or training events, Trace software International has created "Neo": a specific tool that allows to keep a continuous open communication between our customers and Trace software International.

Reactive assistance

Trace Software International's technical team is formed by engineers with vast experience designing projects with our software solutions. They will support you in any issue, which you may have, looking for the best alternative to design each single project and ensuring your competitive advantage and a faster return on investment.

There are many ways to get our support: for example, through our ticket system, hotline, remote assistance, blogs, or knowledge pills.

A single point of contact

Within Trace Software International you will have a single and dedicated contact person who will ensure right priorities of your issues and suggest the correct implementation of the software.

As part of our technical support responsibilities, our technical managers may offer you the opportunity to get access to the latest Beta versions of software (only available for Platinum subscribers) to influence software development.



Lower costs

We have focused our software support service to help our customers to increase their productivity and reduce project time, avoiding waste of time in critical tasks, mostly needed to increase competitiveness and ensuring higher quality projects.

By this methodology, you will be able to enhance your operating cost-efficiency by eliminating collateral issues, resulting from human errors and repetitive tasks.



Patrick JEANNE

Technical consultant
for France



Javier OJEDA

Technical consultant
for Spain



Jacky WANG

Technical consultant
for China

TRAINING PROGRAMS - "Best-practices to suit your needs"

- ▶ Technology is meant to improve productivity and efficiency. Yet many organizations fail to realize the expected value and ROI goals when adopting new technology. Organizations typically focus user adoption efforts on training. While training is vital, we at Trace Software Academy follow a more holistic approach to help our customers reach their goals with Trace Software solutions.

tracesoftware academy

Learn how to use
effectively our
technology

Whether you're looking for specific training courses, ways to improve the proficiency of experienced users, or a personalized corporate learning program that meets your training schedule and budget requirements, Trace Software Academy can help you optimize your business through traditional classroom training, online courses, as well as leadership training and consulting.





Boost your productivity and optimize your business

With Trace software product expertise: delivered first-hand from the most knowledgeable instructors and in the delivery format of your choice.

Tracesoftware academy helps you by focusing on the best-practices of design methodology.

Avoiding issues and unnecessary costs before they can negatively impact your organization's competitiveness.



TRAINING PROGRAMS - "Quality, efficiency & productivity"

- Book a training course or have a trainer come to you on-site. Maybe you are interested in running an instructor-led training session virtually? Whatever option you are interested in, our instructors will be happy to provide the training you need and share their knowledge. **Available trainings programs can be Online or Live, Self-paced or Instructor-led.**

elecworks™ Basic training (21 hours)

- 1 Project Management
- 2 Single Line Diagram – IEC 61355
- 3 Electrical Design IEC 81346, 61175
- 4 Fluid Design ISO 1219
- 5 PLC Manager
- 6 Cabinet layout IEC 60890
- 7 Reports according IEC 61082



elecworks™ Advanced training (8 hours)

- 1 Project Customization
- 2 Connection labels
- 3 Symbols Customization
- 4 ERP Connection
- 5 Custom Reports





archelios™ PRO

Basic training

(1 hour)

- 1 Solar sites and resources
- 2 Modules, characteristics, installation
- 3 Electrical sizing
- 4 Shadow measurement & calculation
- 5 Modules layout
- 6 Yield analysis

- 5 Case studies about installations
- 6 Technical and financial analysis
- 7 Investment & operating cycles, etc.
- 8 Measure the investment performance
- 9 Profitability criteria
- 10 Financial simulations

archelios™ CALC

Basic training

(2 hours)

- 1 Licence activation and transfer
- 2 General principles and data capture
- 3 DC characteristics
- 4 AC characteristics
- 5 Surge arresters

- 6 Solar irradiance levels
- 7 Toolbar
- 8 Users catalog
- 9 Configuration
- 10 Printing management

elec calc™

Basic training

(16 hours)

- 1 Project Management
- 2 Drawing with elec calc IEC 81346, IEC 60617
- 3 Calculating with elec calc IEC 60634, IEC 60228, IEC 60909
- 4 References selection IEC 60269, IEC 60947, IEC 60898

- 5 Coordination among protections IEC 61912
- 6 Power Balance
- 7 Multiscenario methodology
- 8 Reports
- 9 Elecworks integration

Elec calc basic training is also available according
NFC15-100, RGIE, and REBT standards.

CONSULTANCY - "Your goals are ours"

- The main objective of Trace Software's consultancy service is to help our users to maximize the performance of our solutions since its implementation, and thus achieve an increase of their productivity in a short span of time.



We evaluate your business processes in order to provide best-practices to optimize company's resources, avoid repetitive tasks, maximize performance as well as improve productivity and design quality.

Analysis

The quick evolution of markets, their globalization and the enhancement of the industrialization process are the big challenges that the companies have to face nowadays.

Trace Software International offers particular solutions for each customer in order to handle those challenges. Our consultants' team experience in different business sectors allows us to know each of those solutions.

The first step of the consultation process is based on analysis of working process, completed tasks, the status of project completion, the work schedule planning and the evaluation of services' costs.

Automation

The aim of process automation phase is to reduce the design time of all projects from the analysis previously made by the Trace Software consultants.

The automation of the different parts of the process, the multi-user work on the same project or the massive project modification in Excel are some of the advantages which aim to reduce time in working processes by optimizing them, from the creation up to the production.



Mehdi BOUIKHIF

Technical consultant
for Morocco

Integration

The integration between the Trace Software International solutions guarantees the coherence and the re-use of the data throughout the development of the project, between different subjects, sharing the information between them in real-time.

Ensure the generation of complete, comprehensive and high-quality documentation, in a short period of time. Also the integration with the ERP and PDM systems becomes a success factor in the enhancement of management and quality of your projects.

Standardization

Standardization is a key factor for industrialization process and achieving economies of scale.

The identification from the existing documentation of the different data, which can be re-used throughout the working process, becomes important in project development.

In this sense, Trace Software International offers services to adapt the solutions to the situation in each company. The parameters and the regular data in the industrialization process of the customer can be in the form of models, symbols, macros.

Engineering

At the beginning of all new software use, the user requires time to become familiar with different existing options to reach the objective of 100% productivity.

The project development is obviously shown at the periodic follow-up meetings with the customer, in which our consultants' team offers valid alternatives to implement the software according to the situation of each project, rising from the accumulated experience on different industrial sectors and software options.

OPTIONAL SERVICES - "Improve your performance, raise your goals"

➤ Below are descriptions of services that are available to all customers and are not included in any subscription.

Design, production, process, implementation, etc.

If you are interested in others optional services, do not hesitate to contact your sales representative.



Miguel LUJÁN

Technical consultant
for Germany

Custom developments

When software quality does not suit 100% your needs, you may often be faced with product delays, loss in productivity and higher costs for product support. In the most severe cases, quality issues result in recalls and poor customer satisfaction that jeopardize your competitive advantage.

With continuous real-time visibility, Trace Software development teams can improve processes and features. Based on a feasibility study and cost analysis, where our software engineers identify customer needs, suggest different kinds of solutions and develop the most appropriate way to ensure customer's competitive advantage.





Vani PRAKASH

Technical consultant
for India

Engineering services

We know that company's workloads whether occasional or peak can interfere with the performance of a department and project delivery delays, Trace Software International can help you provide engineering services for your electrical projects.

Also if you want to get the highest performance from the day one, our team can perform the customization of templates, libraries, symbols, reports, in summary any document you may need in your working day. With a team of experienced engineers, we can carry out the projects that your company requires with any of our solutions.



Miquel MAÑOSA

Technical consultant
for USA

Getting started

The justified fear of venturing into unknown territory explains why existing tools are often continued to be used at the same time as the new software. It is tempting to avoid rapid migration to a new system, even though the new system would guarantee productivity gains that much harder to reach.

Although users learn how to use the new software, training cannot instantly give the deep understanding that comes with experience.

Every engineering department has its own way of working, which depends on a number of factors. When introducing a new product, the existing way of working must be reviewed so as to take full advantage of the processes directly available in the software. Furthermore, our software has a high level of customization, since it takes account of a large number of habits, methods and standards within the field of electrical engineering.

