

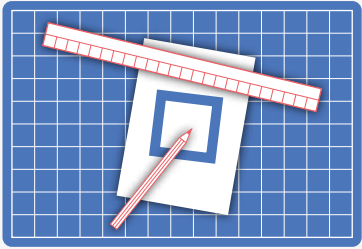
IGE+XAO

GROUP

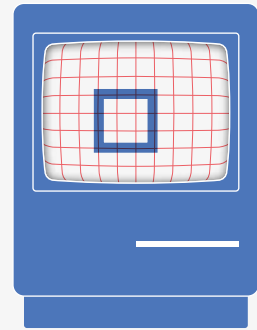
Shaping the Future
of the Electrical PLM,
CAD and Simulation

CORPORATE DOCUMENTATION

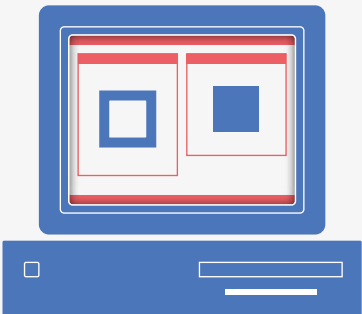




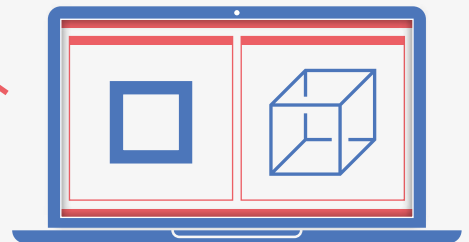
< 1980



1980-1990



1990-2000



> 2000

The IGE+XAO Group

Historically, the Group began by developing, selling and maintaining CAD (Computer Aided Design) software dedicated to the electrical industry. Electrical CAD software applications are used to design and maintain the electrical side of manufacturing processes and end products. Today, CAD is the main business of the Group and represents 70% of its revenue.

From the late 90's, the IGE+XAO Group has started the development of a software suite covering the overall requirements of the electrical harnesses design market. This new market has led the Group to start building, as early as 2005, a complete and dedicated PLM (Product Lifecycle Management) software range. These solutions have attracted numerous global players in aerospace and transportation such as Airbus, Embraer or Alstom.

Since mid-2014, with the purchase of Prosys, IGE+XAO offers a complete software range for electrical functional simulation.



33 years of experience

Over **91,000 licences** sold

30 locations in **20 countries**

360 employees

Listed on **NYSE Euronext**

since March 1997

Subsidiaries

Belgium
Brazil
Bulgaria
Canada
China
Denmark
France
Greece
Germany
India
Italy
Morocco
Netherlands (The)
Poland
Spain
Switzerland
Tunisia
Turkey
United Kingdom
USA

R&D

Bulgaria
Denmark
France
Morocco
Poland
Tunisia

Support

Bulgaria
Brazil
China
France
Greece
Morocco
USA

Partners

Albania
Armenia
Austria
Australia
Azerbaijan
Belarus
Bosnia and
Herzegovina
China
Colombia
Croatia
Czech Republic
Hungary
Kazakhstan
Kosovo
Kyrgyzstan
Lebanon
Macedonia FYR
Moldova
Montenegro
New Zealand
Uzbekistan
Portugal
Romania
Russia
Serbia
Slovakia
Slovenia
South Korea
Tajikistan



A strong international presence



- + Headquarters
- Subsidiaries
- × Partners
- ▲ Support
- | R&D



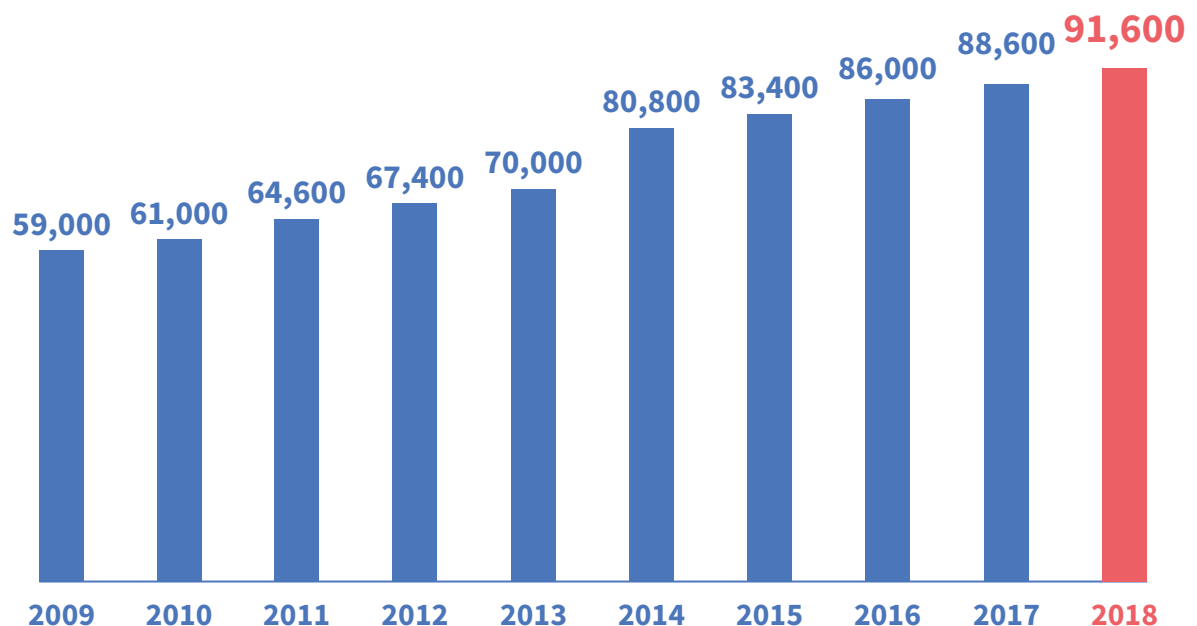
ABB, AgustaWestland SPA, Airbus, AKKA, Akyapak, Alestis Aerospace, Alphatron, Alstom, ANURAG, ArcelorMittal, Aries Estructuras Aeroespaciales, Assytem, ATEL Netz Ag, BAM, Bauer GmbH, BBR GmbH, BE Aerospace Ltd, Beghin-Say, Beijing Zhong Xin Xing Ye Keji, Benteler, Bosal, Bouygues, Brembo SPA, CABS, Carrier, CEA, Cegelec, Cermex, Chengdu Xinzhu Road & Bridge Machinery Co. Ltd, Coca Cola, COMAU (Fiat), Composite Engineering Inc., ContiTech Vibration Control, Cote SAS, Daf-Trucks, Dalkia, Danone, DFM ZANAM-LEGMET Sp. z o.o., DHL, DRASS ENERGY SRL, Dredging International, Dunlop, Eaton, ECL, EDF, Eiffage Energie, ELV SPA, Embraer, Endurance Wind Power, Enexis, Engie Ineo, Epsys, Etalon-Automation LLC, Euchner GmbH, European Space Agency (ESA), Fabricom, FAdeA SA, Faiveley, Faurecia, Fokker Elmo, Footlocker, Fromagerie BEL, Fuji Seal Group, Galileo Avionica, Engie, General de Ingeniería INHISSET, General Dynamics European Land Systems- Germany, GPI, GSU/Eneco, Guérin Systèmes (Tetra Pack Group), Guinault, Hager, Haribo, Helibras, Hellenic Air Force, Henniez, Heuliez, Honda Aircraft Co., Honeywell, Houdijk Holland bv, Hydro Quebec, IMAC inc, ITER, JSC ISS-Reshetnev Company, Kestrel Aerospace, Kraft Foods, Latelec, Latesys, Legrand, Leroy Somer, Lindt, Lotus Bakeries, LVMH, Mairie de Paris, Manitowoc Crane Group, MBDA, Metso Brasil Indústria e Comércio Ltda, Michelin, Microturbo (Groupe Safran), Motorflug Baden-Baden GmbH, Motorola, Mühlenberg Interiors (EDAG Group), NATO, Naval Group, Nestlé, Neu Railways, Nexans, NMBS/SNCB, Nomos Systems, Northrop Grumman, Orano, Panasonic, Perrier, PESA Bydgoszcz SA Holding, Philips, Prinoth, Potez Aeronautique, Priva, PSA Group, Qi Qi Ha Er, RATP, Reel, Reims Aviation, Renault Group, Renault Trucks, Renson, Rio Tinto Alcan, Rolls-Royce Marine, S.A.B.C.A, Safran, Sagem, Saint Yorre, Samson AG, Saur, SCAM SPA, Schlumberger, Schneider Electric, SELEX SPA, SENER Ingeniería y Sistemas, S.A., Sepro, Shanghai Electric, Shanghai Rail Traffic, Sidel-Cermex, Siemens, Siemens Windpower, Sierra Nevada Corporation, Smurfit Kappa, SNCB, SNCF, Socata, SOGETI HT, Spie, Srbijagas, Sterela, Suez, Swedish Match Cigars NV, TechniAtome, TEMSA, Thales, Toyota forklifts, Trakcja Polska S.A., Unilever, Valeo, Vallourec Talc de Luzenac, Van der Leun, Veolia Environnement, Vesuvius, Vinci Energies, Volkswagen Group, VOSSLOH, Vulcanair SPA, Wabco GmbH, Wago, Wenzel Elektronik GmbH, Whirlpool Europe SRL, Xella, Wienerberger, ZF Sachs...

An important customer base

Our 42,000 customers worldwide belong to a wide range of industries including:

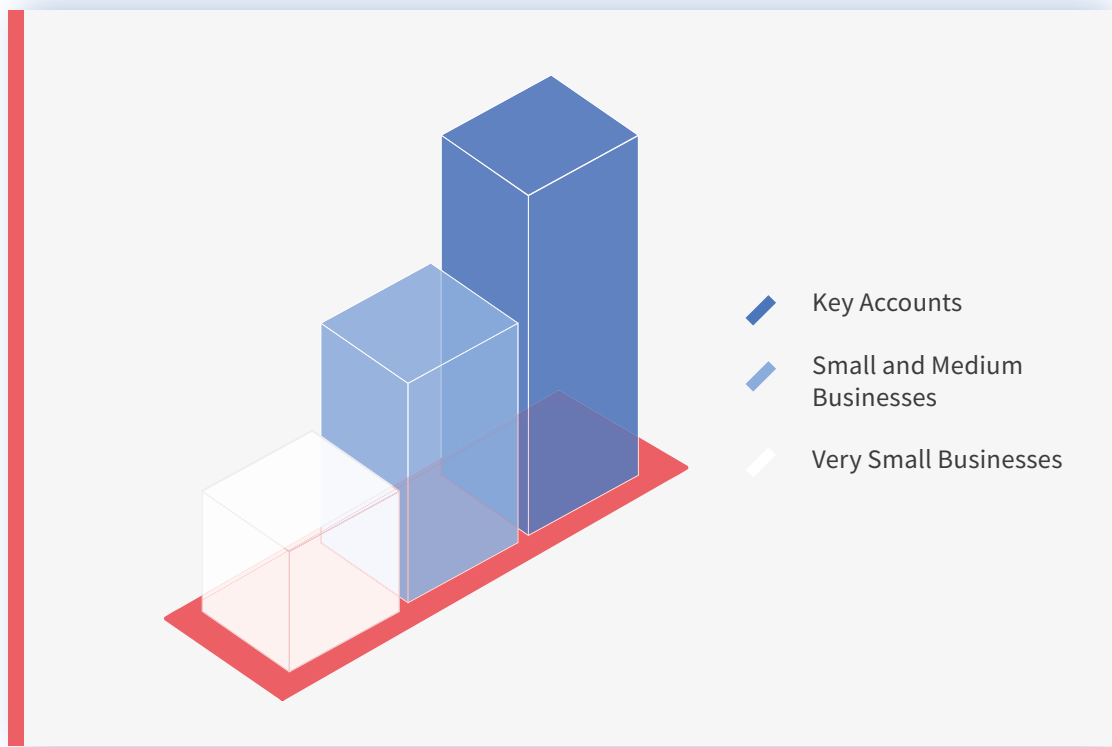
- Automotive
- Transportation
- Power generation
- Electrical and electronic equipment
- Food, chemical and steel industries
- Building and public works
- Engineering
- Machine building
- Automation
- Etc...

Number of licences sold





Solutions for all company sizes



A strong presence in 8 industries

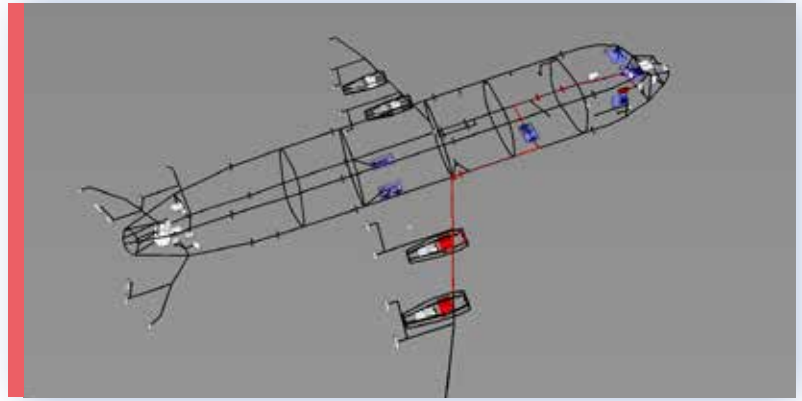
8 strategic markets

In each identified market, IGE+XAO covers the requirements with a complete range of modular products.

- **Aerospace**
- **Automotive**
- **Railway**
- **Shipbuilding**
- **Equipment & Machinery**
- **Automation & Plant**
- **Power generation & Energy**
- **Construction**

6 business domains

- **System design**
- **Electrical design (the core business of IGE+XAO)**
- **Electrical manufacturing**
- **Data management**
- **Communication**
- **Simulation and diagnostic**



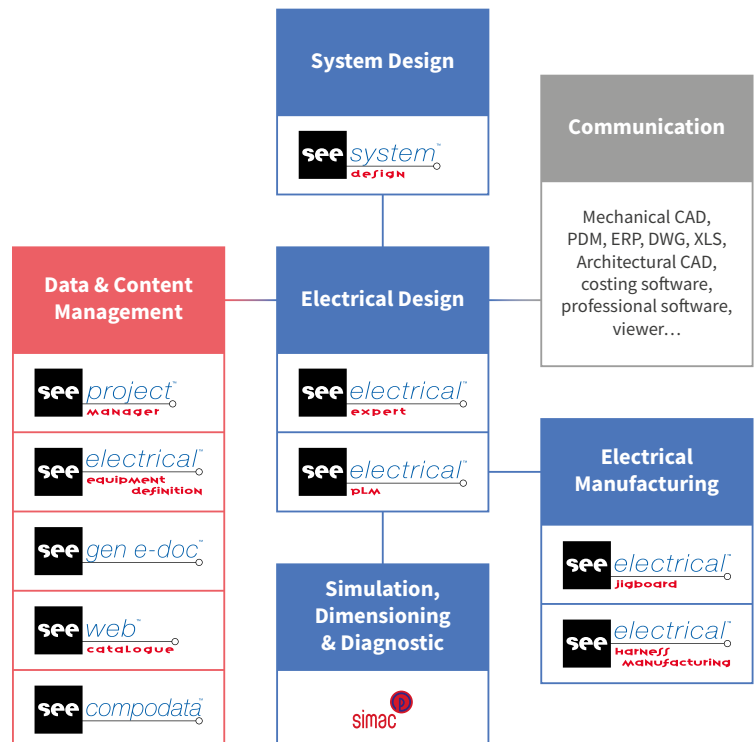
Aerospace

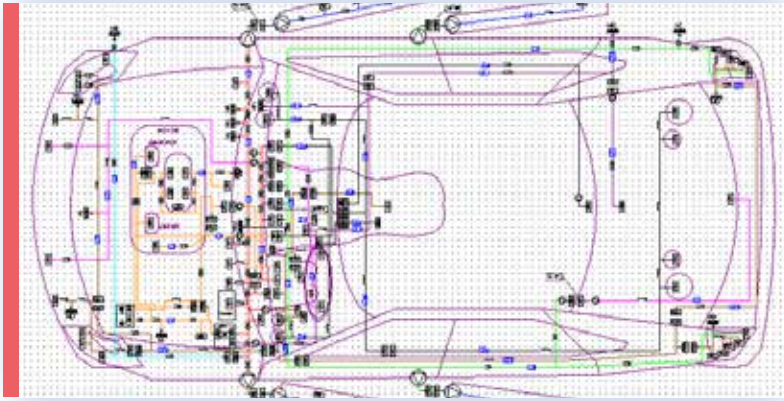
› Market requirements

- More electrical aircraft
- Increasing numbers of components
- Numerous configurations to support
- More and more complex cabling
- Heterogeneous software tools
- Production time reduction

› IGE+XAO answers

- Powerful PLM (Product Lifecycle Management) suite
- Complete solution from design to manufacturing
- High level of integration
- Scalable solutions (from stand alone to PLM)
- Configuration management





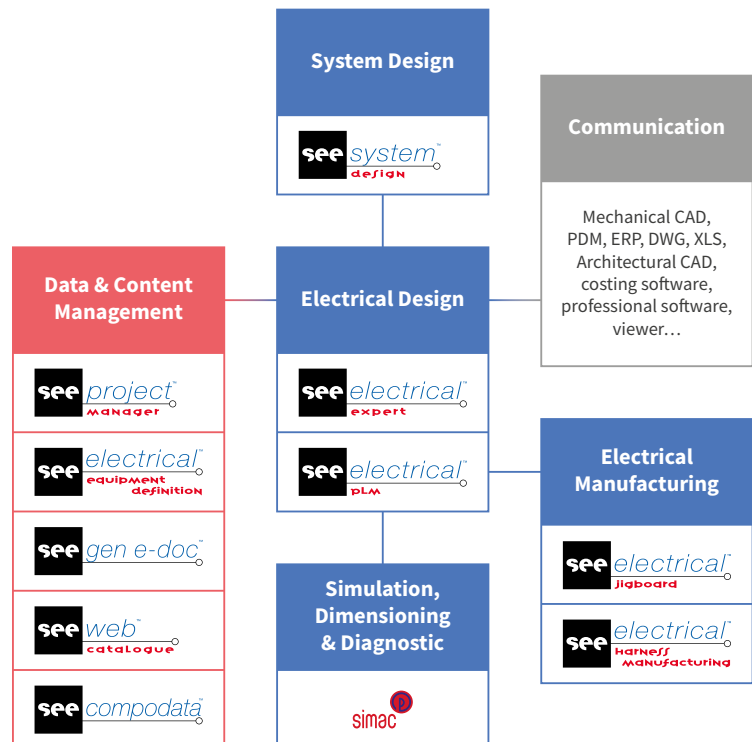
Automotive

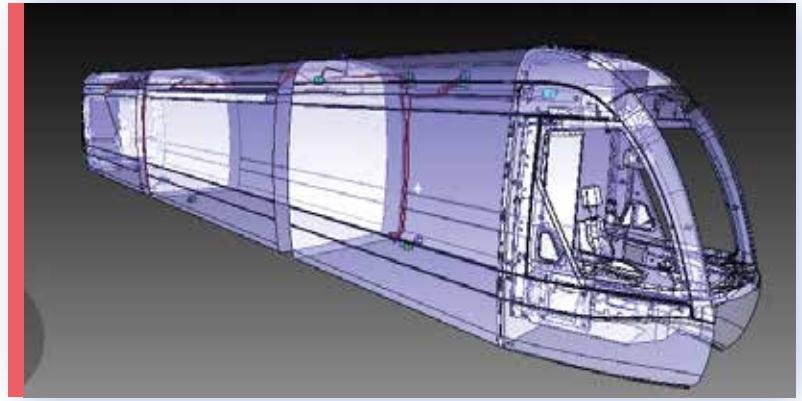
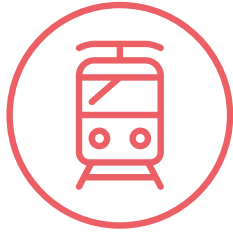
› Market requirements

- Hybrid vehicle technologies
- Shorter development time
- Options management
- Increasingly complex electronic content

› IGE+XAO answers

- Powerful PLM (Product Lifecycle Management) suite
- Automotive specific functions
- High level of integration
- Configuration management (options and variants)





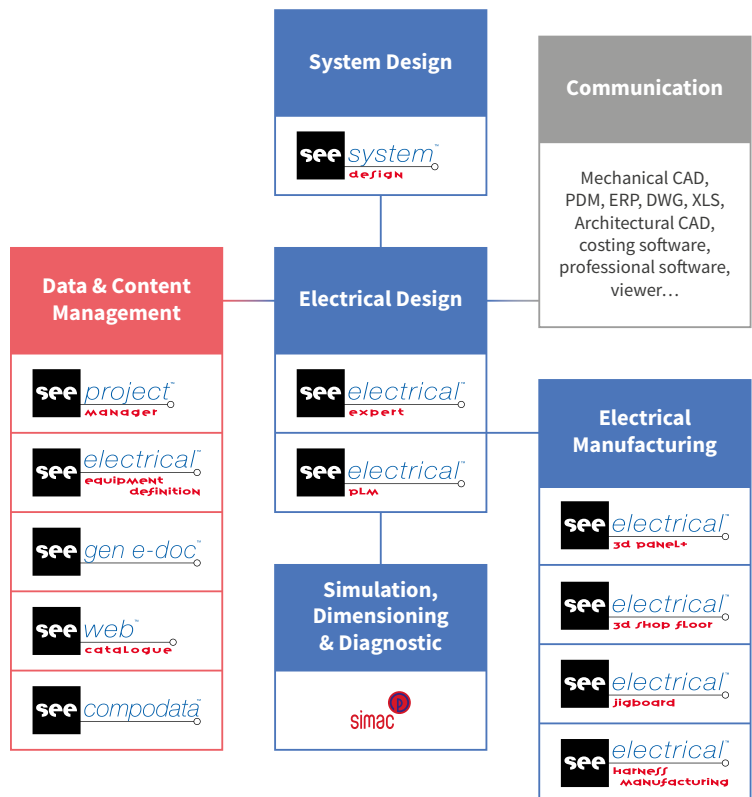
Railway

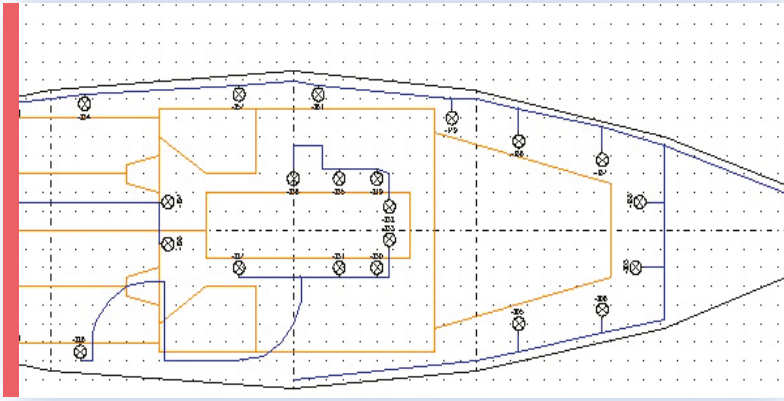
› Market requirements

- “Intelligent train”
- Equipment reliability
- Safety
- Eco efficiency
- Additional comfort and services

› IGE+XAO answers

- Powerful PLM (Product Lifecycle Management) suite
- Railway specific functions
- High level of integration
- Traceability
- Configuration management





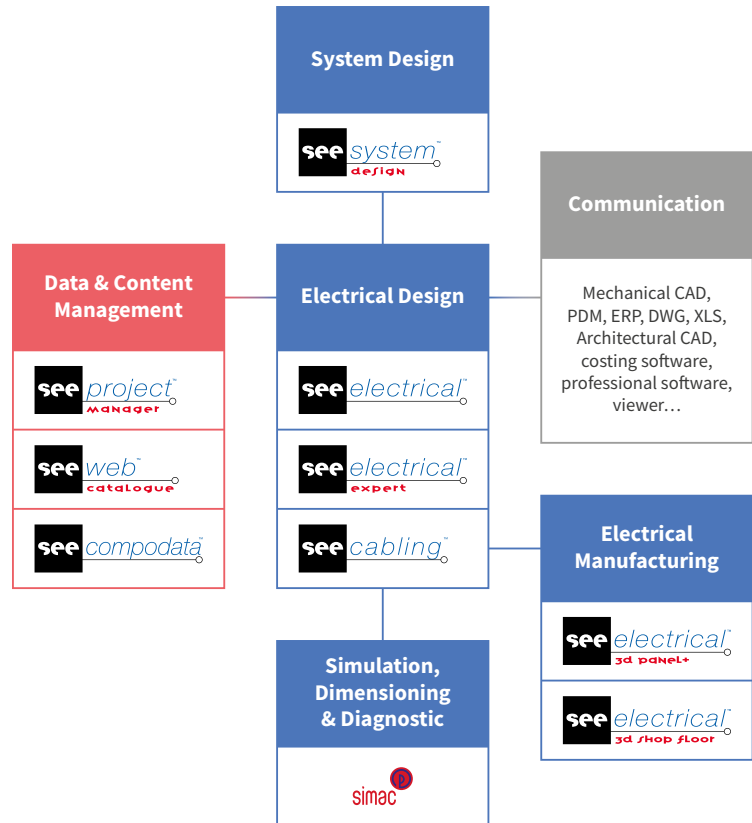
Shipbuilding

› Market requirements

- “Smart” ship
- Increasing number of equipment
- Operational condition guarantee
- Ship lifelong evolutions
- Cost optimization

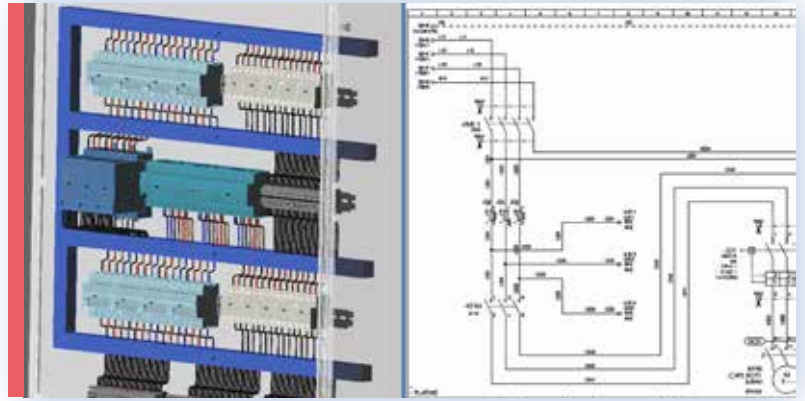
› IGE+XAO answers

- Complete Visio-based offer that goes from functional design to schematics and cabling generation
- Communication capabilities (PLM and CAD integration)
- Collaborative design
- Multi function (hydraulics, pneumatics, electrical...)
- Configuration management (options and variants, versioning/maturity)





Equipment & Machinery

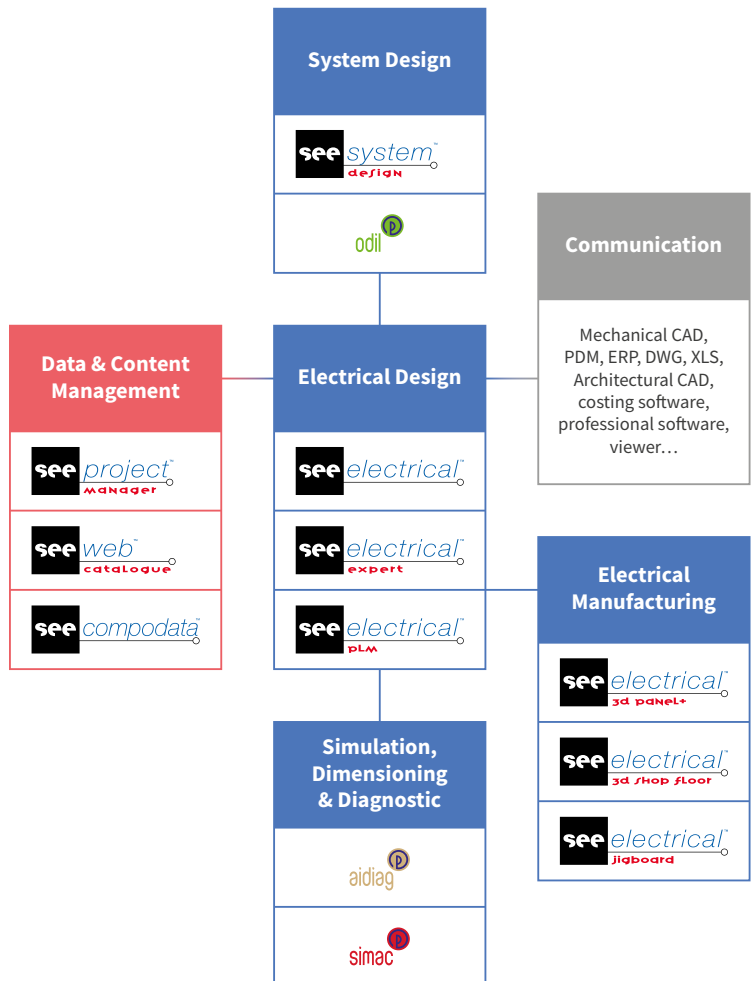


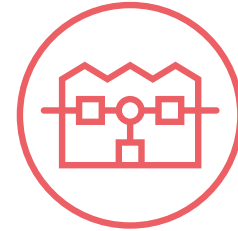
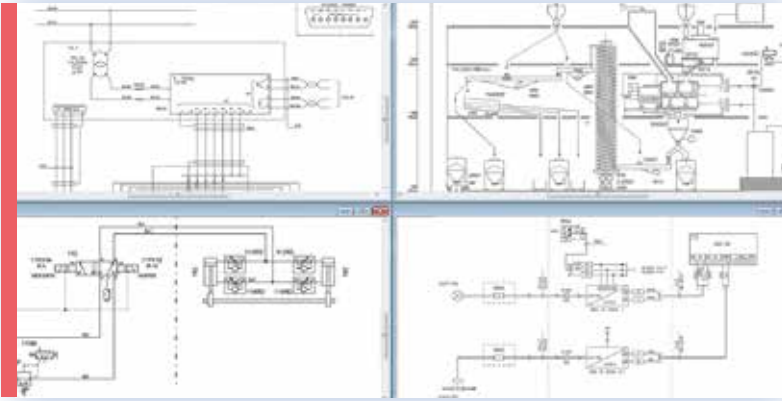
› Market requirements

- More and more complex equipment
- Customization
- Reliability

› IGE+XAO answers

- Solutions for all company sizes
- One of the most complete product ranges on the market
- Communication capabilities
- Customizable and scalable solutions
- Expertise from large customer base
- Strong partnership with key electrical equipment players
- Wire harnesses expertise
- Automatic schematic generation





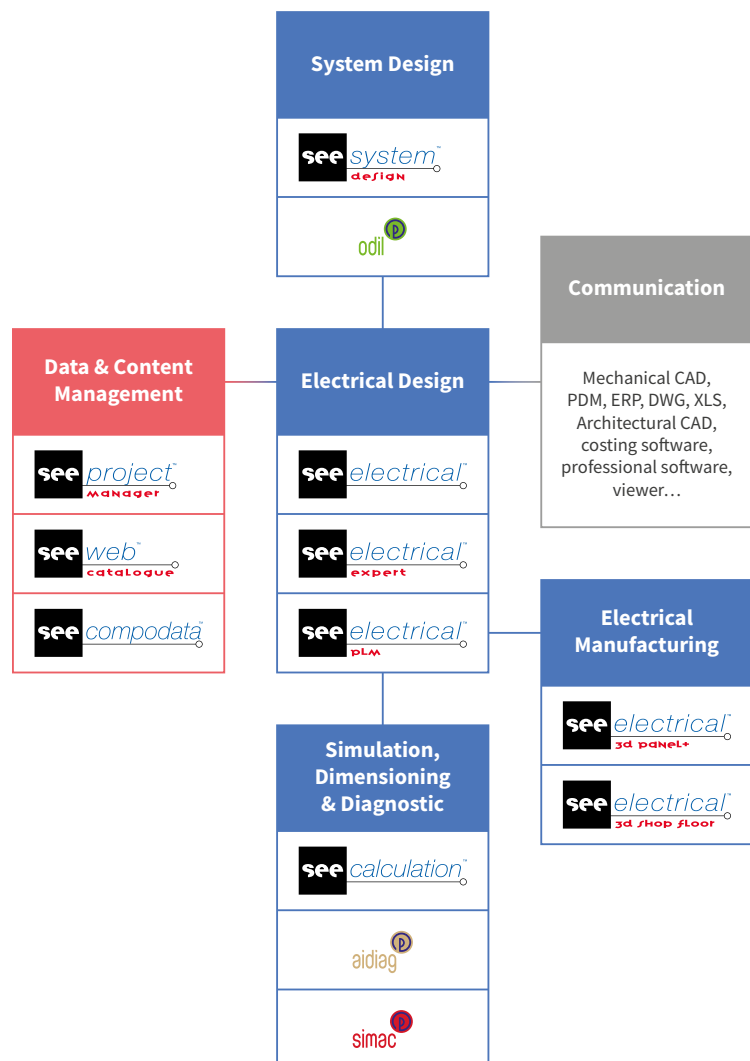
Automation & Plant

› Market requirements

- Lifetime cost optimization
- Reliability
- Predictive maintenance
- Flexibility

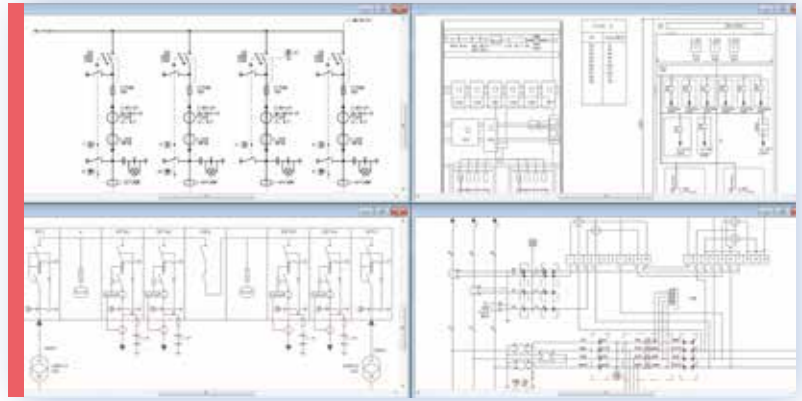
› IGE+XAO answers

- Solutions for all company sizes
- One of the most complete offer on the market
- Communication capabilities
- Best-in-class features
- Complete environment (CEI, IEC, symbols...)
- Customizable and scalable solutions
- “Easy to use” software
- Expertise from large customer base
- Quality verification functions





Power Generation & Energy

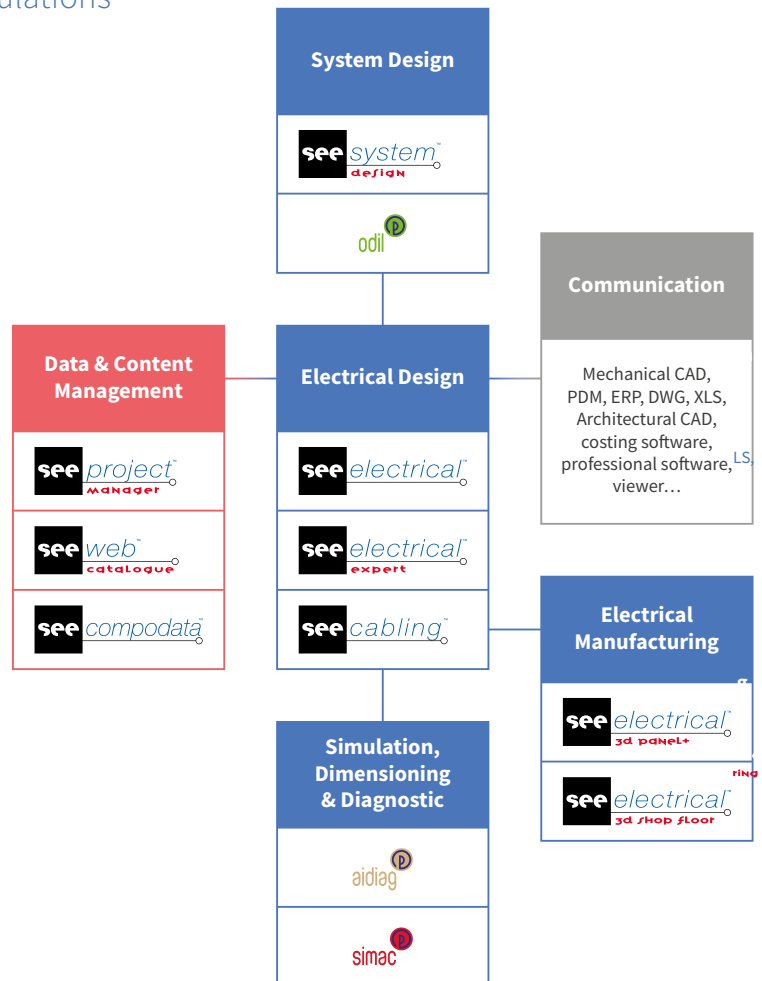


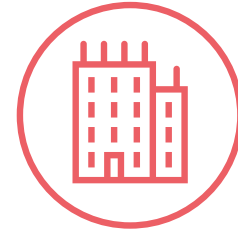
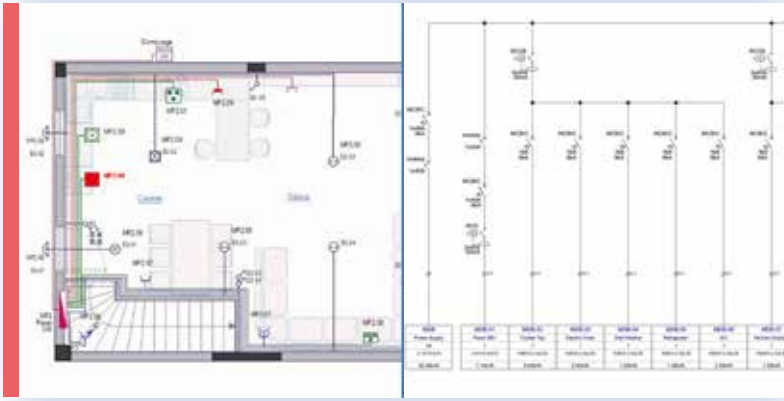
› Market requirements

- Safety
- Alternative & sustainable energies
- Smart supply and demand
- Smart grid
- 24/7 operations
- Environmental regulations

› IGE+XAO answers

- Complete offer from a powerful Visio-based offer to “on-the-shelf” easy to use packages
- Communication capabilities
- Collaborative solution
- Customizable and scalable solutions





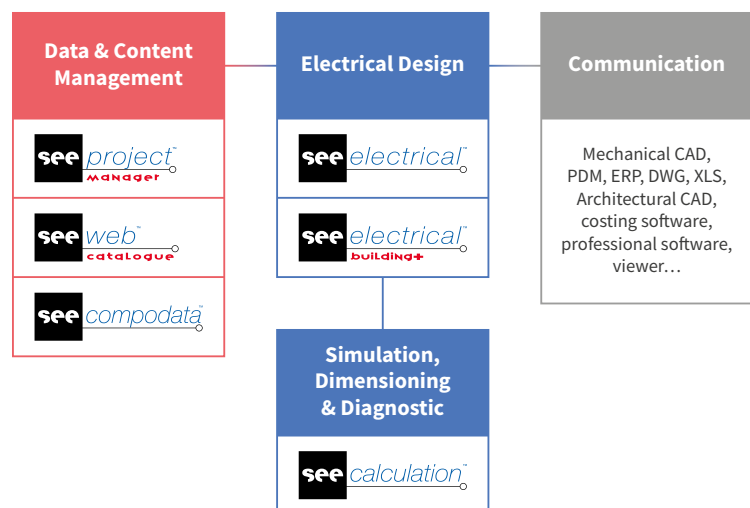
Construction

› Market requirements

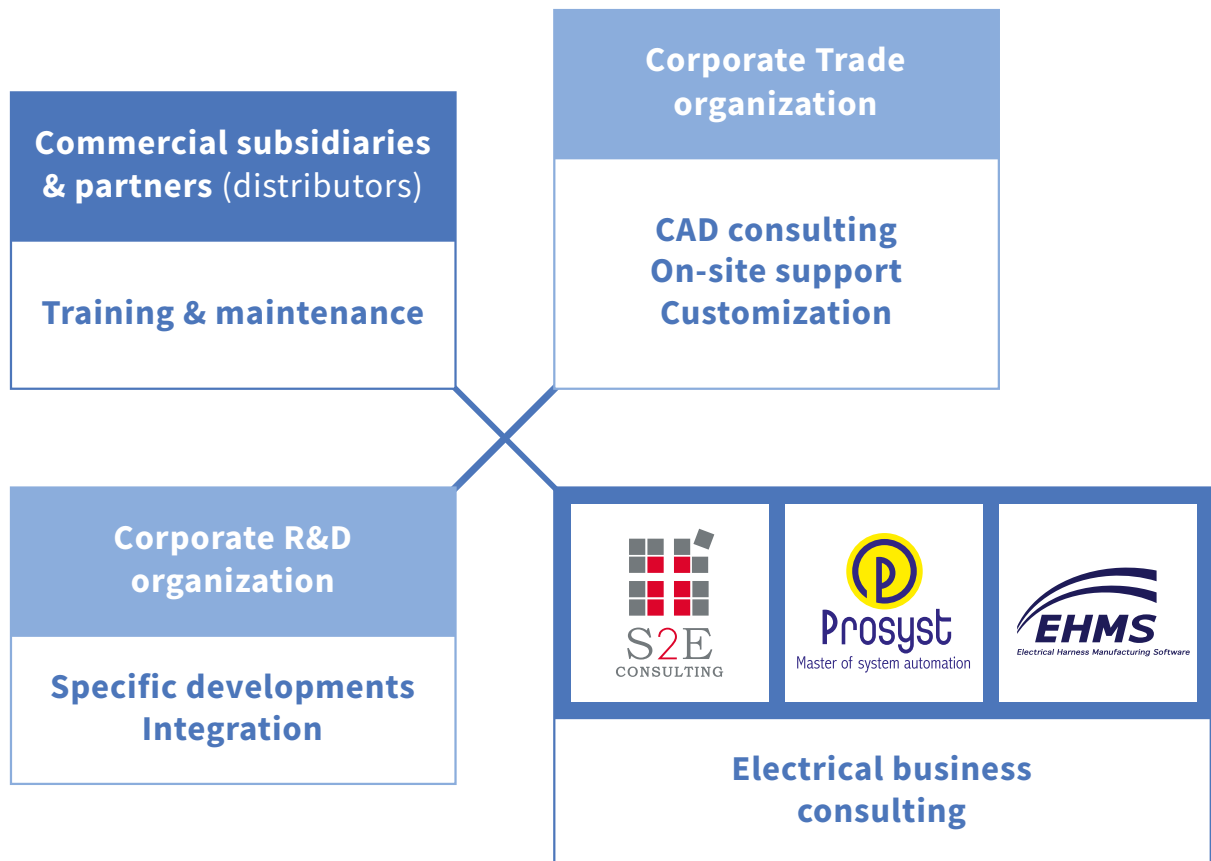
- Smart buildings
- Increasing number of equipment (datacom)
- Importance of standards/regulations

› IGE+XAO answers

- Automatic schematic generation
- “All in one” product
- Easy-to-use calculation package
- Communication capabilities



Value-added services



Training sessions adapted to clients' needs and worldwide telephone helpline. Over 70 experts are available to our clients for in more than 12 languages throughout the world.

Dedicated team to customize the software to our clients' needs

The “Assistance+” team supports our clients in implementing and integrating IGE+XAO solutions. Our R&D team also provides specific developments as well as integration services.

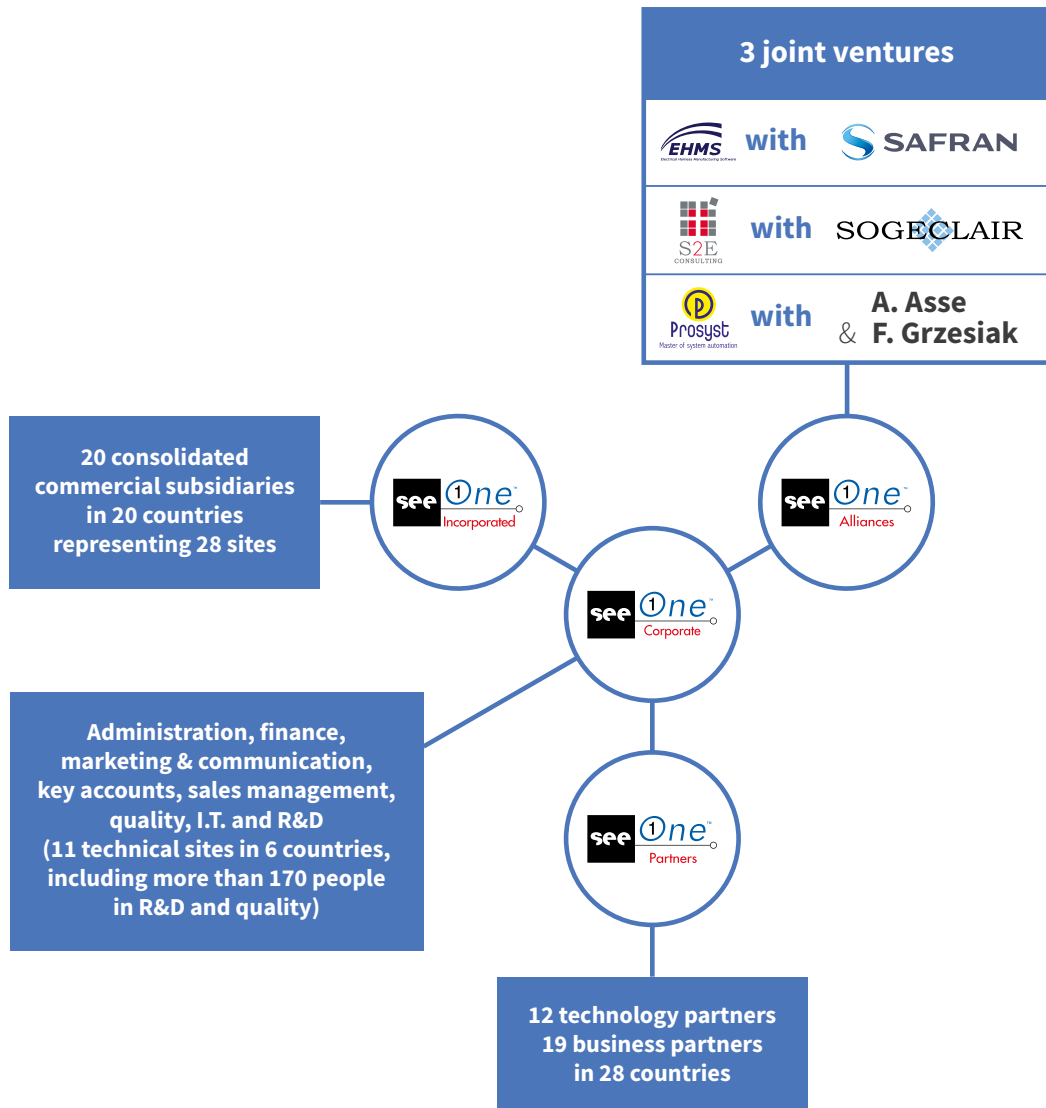
Value-added consulting

Created in collaboration with the SOGECLAIR Group, S2E Consulting offers assistance and consulting services dedicated to system engineering and optimization of electrical design processes.

Prosyst also provides consulting services around electrical simulation and diagnostic.

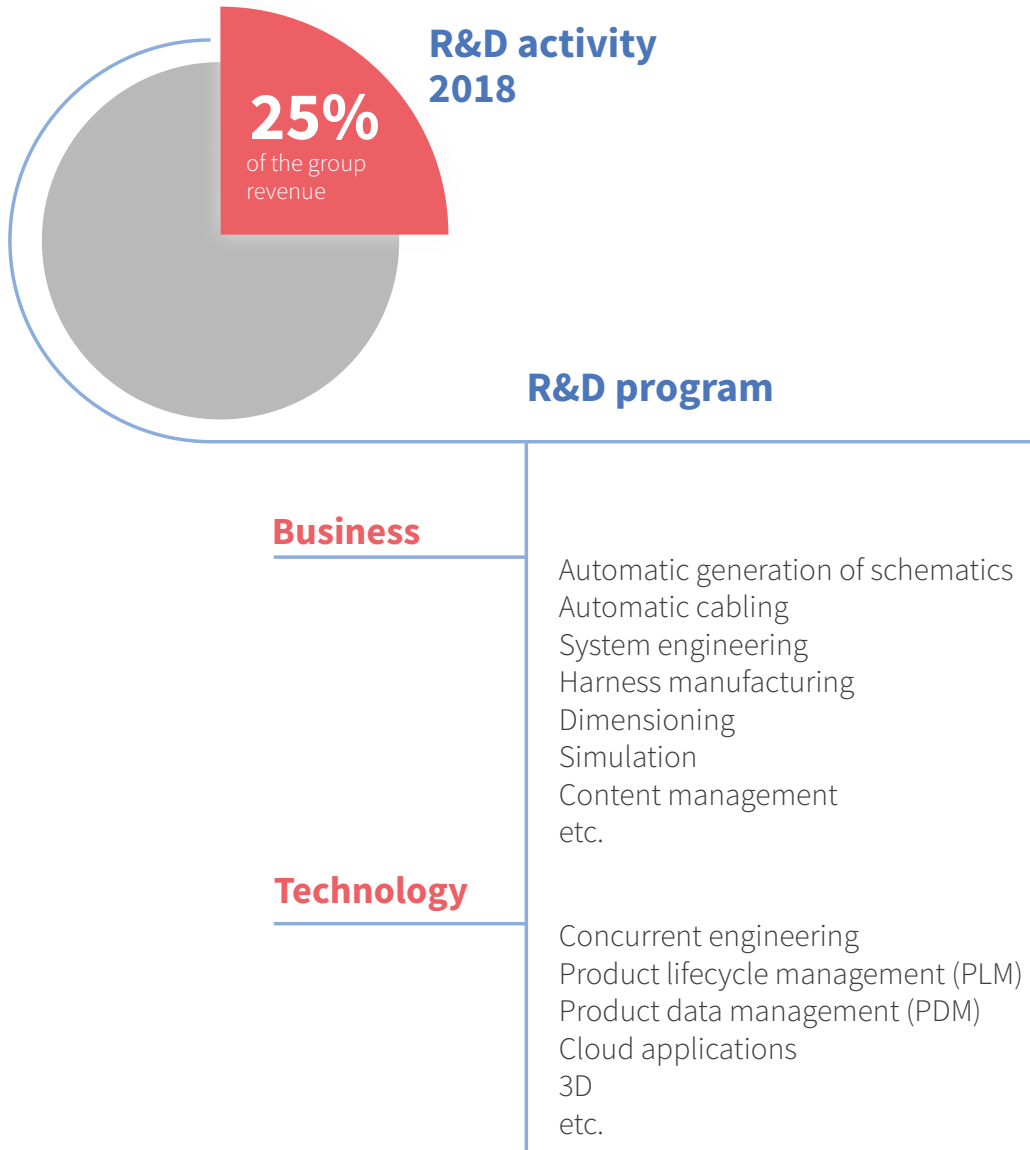
An organization built around our clients

In response to the market fast-moving needs, the IGE+XAO Group has put in place an “extended enterprise” organization.



Research and Development

Innovation

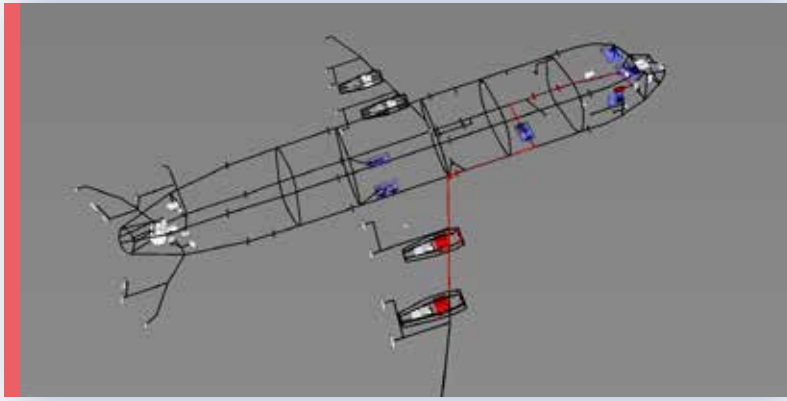


➤ **170 people focused on Electrical CAD and PLM, Design, test and quality**

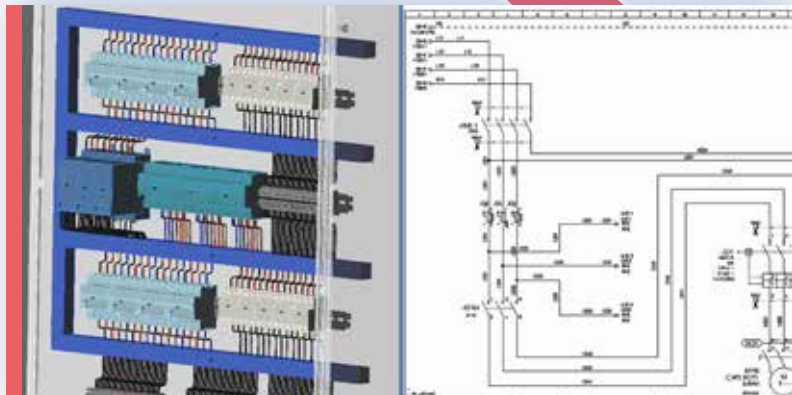
| Strong values

Strong and shared values are key to the Group success.

- **Openness**
- **Boldness**
- **Dynamism**
- **Professionalism**
- **Consideration for customers and staff**

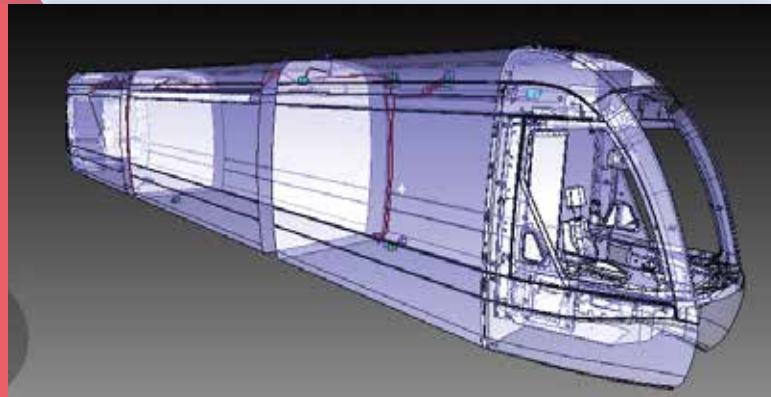


+ 33 years of experience



+ 360 employees

+ 30 locations in 20 countries



+ Over 91,000 licences sold

LOCATIONS

IGE+XAO Headquarters – France

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