



Planning and engineering

Control cabinet engineering and production

Your requirements

- **New requirement** for fully equipped and wired control cabinets
- **Coordinated** control cabinet technology and drive technology components
- **Control cabinet configuration** geared to the relevant applications
- **Compliance with the latest standards** and directives (energy efficiency, safety technology, etc.)
- **Retrofit on existing control cabinets** to boost energy efficiency, for example
- **Conceptual design and production of control cabinets** for the North American region (including certification)

Our services

- **Control cabinet engineering**
Incorporation of customer-specific requirements / conceptual design of the control cabinet structure and the necessary functions / circuit diagram planning / creation of the 3D design / configuration, including the required safety elements / climate-based calculation of the cooling capacity in the control cabinet
- **Control cabinet production**
 - Assembly and machining of the control cabinet housing / wiring and routine test of the control cabinet
 - Control cabinet acceptance inspection, including field labeling for the North American region (in accordance with UL 508A and CSA C22.2), by SEW-EURODRIVE
- **Preparation of control cabinet documentation**
Parts list / risk assessment / circuit diagram / test protocols and verification calculations / operating instructions / declaration of conformity and preparation of certificates / compliance with standards and directives
- **Project management**
Operational project management for compliance with deadline, cost, and quality parameters / monitoring, interface management, and coordination of external project components / preparation and coordination of project documentation / overall contract management
- **Optional**
Connecting the control cabinet's power supply / assembling and securing the control cabinet at the relevant location

Your benefits

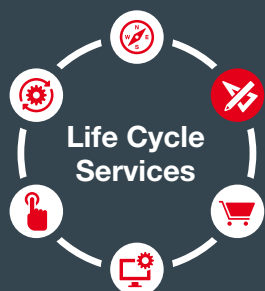
- **Minimized risks** by on-time delivery of a complete turnkey solution
- **Lower process costs** and less time required
- **Maximum efficiency** of the overall solution through perfectly coordinated individual components
- **More efficient operation** and higher level of automation, for example, to intuitive use and data transparency
- **Documentation that complies with standards and directives** to meet demands such as audit requirements
- **Cost and time savings**, since the implementation of certification requirements for the North American region (according to UL 508A and CSA C22.2) are implemented by SEW-EURODRIVE. This eliminates the need for on-site acceptance by electrical inspector



> This may be of interest to you

Supplementary services

- Startup
- Safety technology consulting
- Application programming
- Thermography
- 24h Service Hotline



Control cabinet engineering and production is part of our service offerings throughout the entire system life cycle.

> www.sew-eurodrive.de/en/life-cycle-services/

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