



EXCELLENCE IN GREEN SOLUTIONS

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Gronwert is professional engineering firm with extensive collective experience in multiple segments of energy efficiency and specialized engineering services. We are a trade and technical service firm that focuses on offering innovative solutions and top-notch services to our clients.

We act as Technology advisors and enablers for our customers Recommending, designing, implementing, supporting and managing the optimal solution that cater to your specific business needs. We endeavor to provide cost-effective services that enable you to stay ahead of the competition.

Our team is made up of highly skilled and experienced certified professionals with competence in a variety of technical disciplines such as automation, control systems, electrical engineering, and mechanical engineering.

We have an unparalleled network of Strategic Partners, all of whom are technological leaders in their respective sectors. We have a proven track record of delivering successful projects across various industries & sectors.

Commitments



Mission

Our mission is to consistently exceed our customers' expectations by delivering exceptional services that add great value, while maintaining the highest standards of professionalism and client's satisfaction.



Vission

Be a preferred engineering firm that delivers competitive, sustainable, and cost-effective solutions to meet the evolving needs of our customers and foster a culture of continuous improvement.



Value

Our value revolves around delivering excellence, being competitive, diversity, respect for others, trusting, and being trustworthy. We aspire to preserve ethical and transparent business practices, cultivate enduring relationships with clients, and promote a sustainable future

Brand Expertise



Services

Energy efficiency Retrofit projects

We specialize in energy efficiency retrofit projects, auditing, installing, and replacing elements of existing buildings to make them more energy efficient and cost effective.



Power Quality

Authorized Consultant for Comsys

Power analysis trained professionals who ensures Power Quality and Harmonics requirements are met. Reduce hassle, maximize space, prevent downtime, and cut energy costs. conforms to IEEE 519.



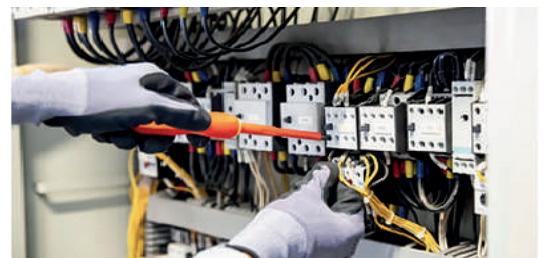
Variable Frequency Drives

We offer a broad spectrum of application specialist, and services for variable speed drives (VSD). We install and commission the custom VFD systems specifically suited to your requirements.



Installation & commissioning

Our team expertise in system Installation, testing, operating and maintaining as per the design to the operational requirements of the client.



Professional Troubleshooting

Identify the problem, Evaluate probable cause theory, determine sources, define a course of action to resolve the problem and reduce downtime.



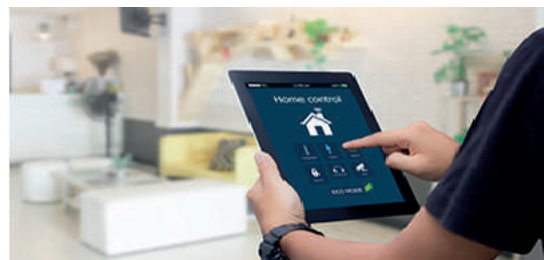
HVAC

Electrical & Mechanical Maintenance Services for Chiller, AHUs, VAV, Cooling towers, Pumps, BMS & DDC panels.



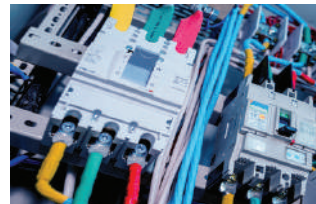
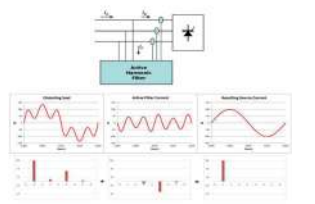
lighting Controlling

Energy-efficient indoor and outdoor lighting design focuses on ways to improve both the quality and efficiency of lighting in compliance of green building initiatives.



Professional Solutions & Supplies

- Expert in VFD & Soft starters solutions.
- LV Switchgear & Control panels.
- Harmonic analysis & Filters.
- BMS System.
- Security & Safety.
- Transmission & Automation.
- Troubleshooting & solutions.
- Energy efficiency and retrofit projects.
- Installation & Commissioning.
- Annual maintenance contract.
- Building automation
- Energy management.
- Motor



Vertical / Segments

- HVAC - Commercials, Residential, Airport, Seaport, Train stations, Hospitals. Universities & Data Center.
- Water - Water & Wasterwater treatment plant.
- Marine
- COG - Oil & Gas, Petrochemicals plants, Heavy industries.
- F&B - Food & Beverages
- Pharmaceutical plants etc.



Variable Frequency Drives & Soft Starter



Gronwert offer a broad spectrum of application specialist, and services for variable speed drives (VSD).

We install and commission the custom VFD systems specifically suited to your requirements

Our expertise to offer

- 6-pulse Drive with dedicated HVAC features
- Custom build VFD with Bypass feature (UL-listed)
- Pumps & Multi-pumps features (Synch line , Master follower)
- De-ragging in W&WW
- LHD & AFE solution
- Services and repair

We Provide a comprehensive range of design, audits and upgrades for any variable speed drive system, along with auditing them to ensure it's operating at peak efficiency.

When properly calibrated and maintained variable-speed motor controller, you can:

- Significantly reduce power consumption
- Reduce wear and tear on machinery.
- Reduce machinery maintenance and repair requirements.
- Improve operational efficiencies.

Overall, VFDs offer a wide range of benefits that can help improve the performance, efficiency, and sustainability of motor control applications.

Enhance Power Quality with Comsys ADF - Gronwert is a Certified Consultant

Active Dynamic Filter offers cutting edge technology in the field of power quality in the most user-friendly way. Combined with a smart system integration concept that positioned Comsys as the Market leader for Power Quality solutions.

- Overheating transformers
- Nuisance tripping
- Non-compliance
- Shorter equipment lifetime
- Production failure/downtime
- Exceeding norm limits

These problems are caused by a variety of electrical disturbances that weaken power quality.

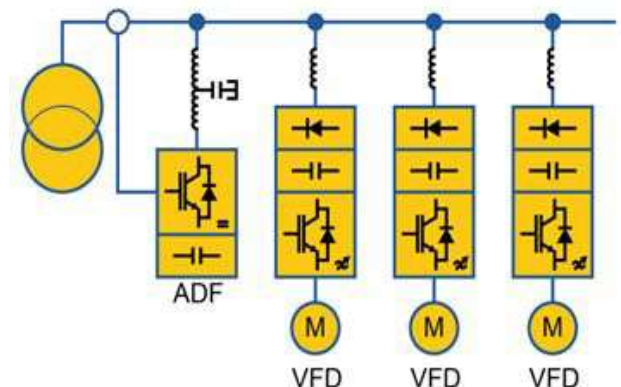
Gronwert expertise on ADF products range to address unique power quality challenges in a way that is cost efficient. With unbeatable customization options and, the range is specially designed to help you achieve all of your power quality goals:

- Lower your energy costs
- Optimize space
- Reduce hassle
- Strengthen productivity
- Achieve compliance

Directly after installation, you can experience lower operational cost (through energy savings), improved equipment efficiency, and minimized demand on the energy grid.

Active Dynamic Filtering (ADF) is patented technology that makes energy more efficient for our customers in the marine, data center, water treatment, renewable energy, process and other industries.

Improved equipment efficiency, reduced equipment demand on the energy grid, and decreased operational costs (through energy savings) can all be experience immediately after installation.



Industrial Automation

- PLCs Programmable Logic
- Controllers (PLCs)
- DDC modules.
- DCS Distribution Control Systems (DCS).
- SCADA - Supervision and Data Acquisition Systems (SCADA).
- IO's & Communication Modules
- HMI.
- Sensors.
- Safety switches



Building Automation

- Building Management
- Lighting Control System
- Hotel Room Management System



Security & Safety

- CCTV
- Access Control
- intrusion
- Control Room
- Site Monitoring
- X-ray & Walk through
- Under Vehicle inspection
- Gate Barriers
- Time Attendance
- Parking Management
- Fire Alarm Detection
- CBS & UPS

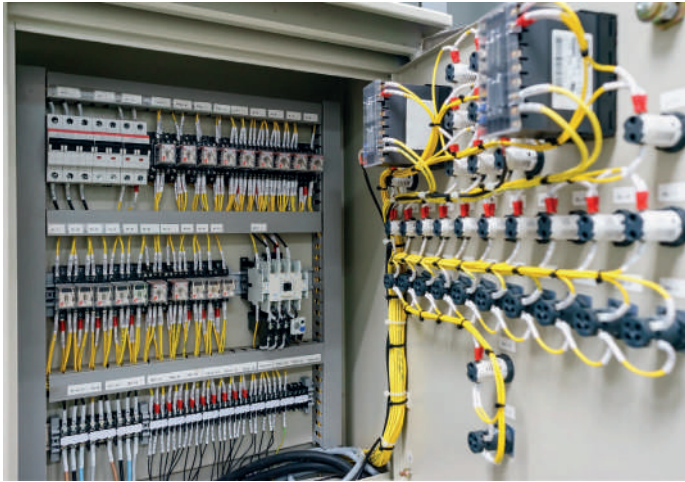


Communication & Transmissions

- Nurse Call
- Intercom
- Public Address / Voice Evacuation
- IPTV Headend System
- SMATV IF & RF System



LV Switchgears & Control Panels



LV Control panel is a component of an electrical control system that regulates and monitors low voltage circuits. It is used in a variety of applications such as HVAC, water treatment plants, manufacturing, and industrial automation.

The assembly of a low voltage control panel involves integrating various electrical components such as circuit breakers, relays, contactors, timers, and controllers into a single panel that must be designed and assembled according to industry standard and regulations, such as the National Electrical Code (NEC) and the International Electrotechnical Commission (IEC) standards. to ensure safety and compliance with local codes

Gronwert has extensive experience in providing precision engineered Industrial MCC & Automation Control Panel solutions with combination of Controls, PLC and Switchgear components.

With the competence of Gronwert team in well-known brands in the electrical manufacturing industries, we design, build, install, and commission MCCs Panels based on client specifications and international standards.

Our primary areas of expertise are VFDs and soft starters, HVAC Control Systems, Pump Controlling, BMS panels, and control panel programming and automation, as many modern control panels incorporate programmable logic controllers (PLCs) and other automation technologies to optimize system performance and reduce human error.



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Thank You

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