



The TQ-Product-Compliance-Center

International certifications and accredited testing by TQ Product Compliance Center (TQ PCC) allow you a quick and reliable market access.



Watch video here

TQ is a reliable partner for electronic services that include product qualification and approvals

Despite the increasing effort for qualification, it is becoming more and more important for our customers to accelerate time-to-market and maintain their lead in technology. As one of the few technology service providers and electronic specialists in the market, TQ takes over project responsibility from development to product certification and approval, production, testing, assembly and logistics, and finally Obsolescence Management and after-sales service – all from one source.

TQ as a system supplier offers a unique combination of comprehensive electronic services to the market that include product qualification and international approvals from a single source. This is how TQ creates an optimally integrated time-to-market process.

Link to website: www.tq-pcc.com

TQ is a partner for getting your products approved quickly and successfully

Our accredited TQ PCC is optimally equipped for checking functionalities and complying with international standards as well as customer-specific requirements. This enables us to offer you optimal consulting for approval and certification processes for your products – and to implement them for you directly and without complications. This assures you reliable and fast time-to-market with your products – in a process that is comprehensive, quick and reliable.

Thanks to the country approvals we cover for relevant markets in Europe, the USA, and Asia, we are able to significantly accelerate market entry to our customers and their products.

By integrating PCC early on, we reduce the risk of product delays and save you valuable time and any unnecessary product acceptance loops.



Your benefits at a glance

- ✓ Comprehensive and competent support in obtaining qualifications and approvals for your products
- ✓ Accelerated time-to-market
- ✓ Accomplishment of tasks for obtaining conformity certifications
- ✓ Comprehensive project control until completion
- ✓ Leading edge by early detection of product-relevant changes
- ✓ Close cooperation with TQ Development assures quick and successful approval of your products



International certifications and accredited testing

We perform testing and checks for electromagnetic compatibility, product safety, material compliance, Software License Compliance Management, cybersecurity and for requirements in the areas of climate, mechanics, reliability, and noise emissions. Our goal is to satisfy all your needs, even on a rush basis, performing firstclass testing and approval tasks at a reasonable price.

All tests are performed under realistic conditions. In addition to tests and measurements, we also initiate processes for obtaining conformity certifications (on the national and international levels) and offer troubleshooting support during the development process.



Electromechanical compatibility (EMC)

Interference immunity tests (according EN, IEC) for

- ESD (electrostatic discharge)
- Radiated, high-frequency electromagnetic fields
- Burst (fast, transient) interference pulses
- Surge (slow, high-energy) interference pulses
- Induced, conducted, high-frequency interference
- Power-frequency magnetic fields
- Voltage fluctuations and interruptions in electrical supply systems

Emission interference tests (according EN, FCC, VCCI, RCM, etc.) for

- Radio interference voltage
- Electric fields, RFI field strength
- Harmonics and flicker

Now up to
1.500 V DC,
250 A AC/DC

Product safety

- Visual, electrical, and mechanical testing/inspection
- Test report for Europe (CE), CB test report, and TÜV NRTL
- Requalification tests (CE, CCC)





Environmental testing

- Thermography
- Climatic stress, temperature and humidity
- UV resistance
- Mechanical stress
- Packaging test: Free fall
- Transport simulation
- Acoustic measurements
- Wear tests

Material Compliance

- Assessment of compliance with REACH requirements
- Support with declaration obligations
- Support with component-related environmental conformity
- Advice on the implementation of environmentally relevant requirements



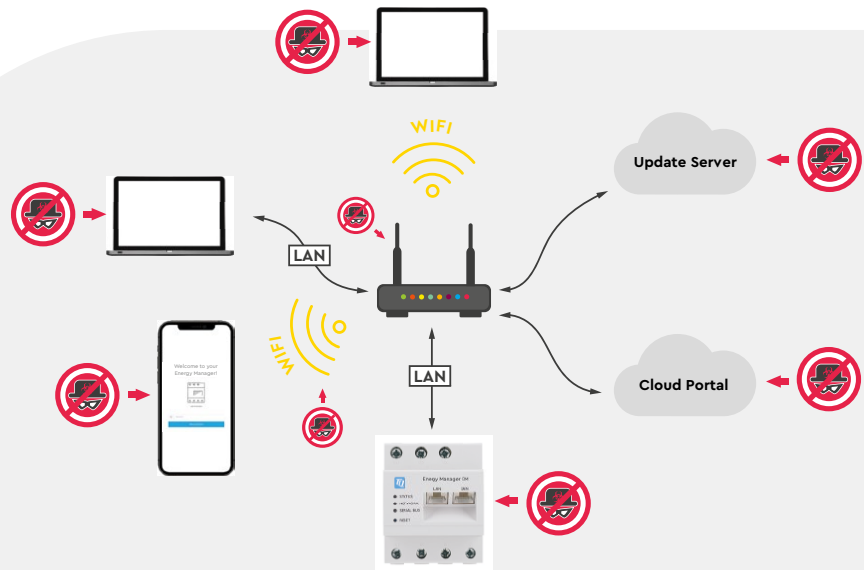
Cybersecurity

In our highly connected world, even the smallest interface can pose a risk for cyberattacks.

That's why TQ takes a holistic approach to cybersecurity. We support you in developing your product with tailor-made security concepts designed for your specific application.

Our experienced cybersecurity experts provide deep expertise in software (including BSP, operating systems, microcontrollers, cloud, and web applications) as well as hardware security.

With an integrated approach, we work with you to develop a fully secured system solution – ensuring protection at every level.



TQ protects you from cyberattacks

Our Expertise

Threat analysis and risk assessment

- Dynamic application security testing
- Compliance with international standards
- Development of security concepts
- Implementation of your cybersecurity measures

Our Service

- Pentest using Black Box, White Box, and Grey Box methods
- Source code analysis (SecCodeReview and SAST)
- Creation of Software Bill of Materials (SBOM)



Software License Compliance Management



- Legally compliant development, production and delivery of your products
- License analysis based on your software sources
- Identification of critical licenses & license conflicts in your business model
- Creation of license documentation for your product
- Advice on the implementation of license obligations

International approvals and product certification

Your reliable partner for global market access.



Consulting on necessary approvals and certifications



Technical consulting and training throughout development phase



Acceptance tests (accredited, test reports in English)



Early detection of product-relevant changes and new requirements

TQ Product Compliance Center located in Augsburg

- 20 test engineers and experts
- Inter-site collaboration
between TQ development departments

Contact us now, without obligation, and learn how you can bring your products to market in top quality and in the shortest time possible.

Your contact

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**Technology
in Quality**

