



**MIELL**  
Quality

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**THE QUALITY IS  
SAFE!**

# Introduction

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Miell Quality Ltd., a proud member of Miell Group, is a reliable partner in delivering professional, customized quality assurance services to automotive manufacturers, automotive suppliers, and companies in various industrial sectors. Founded in 2011, our company actively supports OEMs and the automotive supply chain across Europe, ensuring that the quality components we inspect are present in nearly every vehicle type.

Our comprehensive service portfolio, offered at an excellent price-to-value ratio, provides assistance to our partners throughout the entire quality control process, from inspection to the completion of rework operations.

Thanks to our deep knowledge of OEM and automotive standards, as well as our flexible, high-quality approach to work, we have built long-term partnerships with outstanding customer satisfaction.

The fulfillment of the highest standards is guaranteed by our well-organized, highly trained team and our ISO 9001:2015-certified quality management system, which is continuously improved and refined.

## OUR PRINCIPLES

### **EXPERTISE**

The secret to delivering high-quality services lies in the combination of our professionally designed processes and the dedication of our skilled employees.

### **FLEXIBILITY**

One of the keys to our exceptional customer satisfaction is our ability to swiftly and effectively adapt to changing and unique requirements.

### **RELIABILITY**

Our professional services are built on a foundation of trust, ensuring stability for our partners throughout the entire duration of each project.

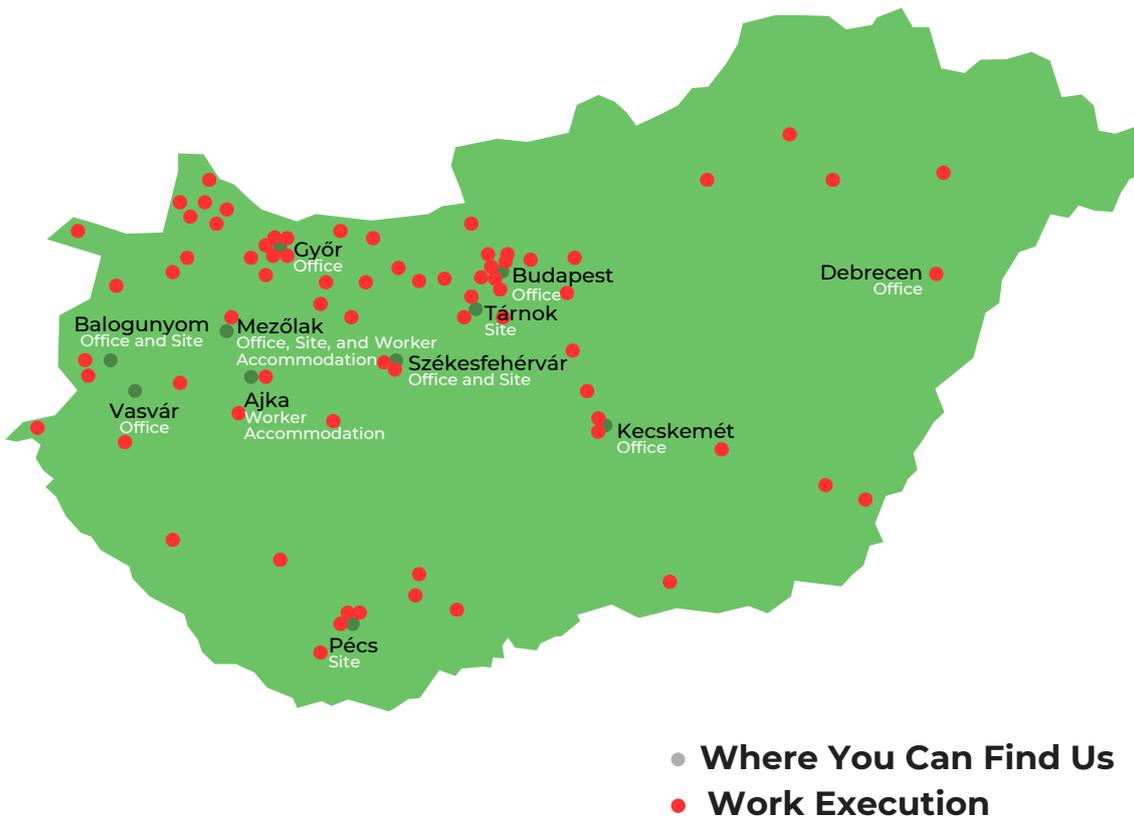
# Annually

 **80+ Locations**

 **800,000+ Hours Worked**

 **1,000+ Assignments**

 **450+ Partners**



## Our Vision

Miell Quality Ltd. sets a new standard in the industry by delivering world-class quality management services, regardless of location, surpassing its competitors.

## Our Mission

As a responsible company, we are dedicated to ensuring the highest level of customer satisfaction through professional, reliable, and flexible services. We achieve this with a committed team of highly trained professionals who work cohesively to excel in every task.

Our goal is to eliminate all manufacturing defects through our quality management services.



**The quality is safe!**

## **Incoming Goods Inspection**

Our incoming goods inspection service offers an ideal solution for filtering out non-compliant products from suppliers, preventing potential production and quality issues later on. We flexibly adapt to our partners' needs, providing the necessary work either on a case-by-case basis or continuously.

This service can be carried out directly at the client's site or at an external location. At external sites, we use our own vehicles to transport the products before and after the inspection process.

If continuous presence is required, we ensure rapid response times and perform sorting tasks based on technical requirements and production systems (JIT/JIS). This guarantees that only high-quality raw materials are available for production, delivered as quickly as possible.

If continuous presence is not necessary, our services remain available, with the main difference being in the response time. For continuous presence, we also take over full coordination of AQL/incoming goods inspection tasks.

In both cases, our expert back-office team manages communication with suppliers in English, German, Slovak, and French and oversees on-site activities in compliance with automotive standards

## In-Process Inspection

When defects are detected in your production processes or scrap occurs, our in-process inspection service is worth considering—whether dealing with a high scrap rate or unidentified issues. In such cases, we act as a crucial and rapid intervention to ensure the uninterrupted fulfillment of production and delivery obligations. Neglecting to filter out defects can lead to significant cost increases and loss of customer trust, making timely action essential.

If in-process inspection is required, we recommend implementing a temporary outgoing firewall inspection or even inspecting finished products. Based on our experience, previously manufactured products may also be affected by the defect. For this reason, we suggest our comprehensive service package, which includes both firewall inspections and final inspection processes.

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## Final Inspection

Our final inspection service is one of the last stages before shipment, aimed at ensuring the flawless quality of finished products after production. We verify that all items intended for sale meet the required quality, functional, and technical specifications, and we immediately report and document any detected defects.

Our professional and practical team collaborates dynamically with the client's contact person to discuss and resolve any emerging issues. This process not only guarantees product quality but also contributes to maintaining long-term customer relationships and preserving the company's positive reputation.



# CSL1, CSL2 Firewall Inspections

## CSL1

If the customer receives a large quantity of, or repeatedly, non-compliant parts from a supplier, they can escalate the issue, with the first level being CSL1. The manufacturer must immediately organize an inspection process by an external party, typically at the customer's request, to prevent further delivery of non-conforming parts. This stage involves a 100% customer-facing inspection, independent of the final inspection on the production line, and is carried out with a stricter set of criteria.



## CSL2

A higher level of supplier escalation, in which the customer orders a 100% inspection of the products based on criteria set by the customer. The inspected products are specially marked. Both the manufacturer and the customer are informed of the results of the qualification. This may be supplemented with engineering support, during which the supplier receives assistance in identifying and solving the root causes of manufacturing issues.

# Technician Service

In addition to basic data analysis, supporting engineers' tasks is also essential for efficient operations. What distinguishes our technicians from quality inspectors is their higher qualifications, as well as their ability to use specific software tools due to their IT knowledge. In their work, they are able to use measurement tools and specialized equipment. If necessary, they possess basic foreign language skills and can also coordinate the work of others.

Technician roles require colleagues with extensive experience and professional expertise to ensure that emerging situations are addressed as quickly and cost-effectively as possible. Our team has years of experience across various industries. With our practical and broad knowledge, we have repeatedly proven the significance and effectiveness of this service to our clients.

Problem-solving, data collection, basic data analysis, and supporting engineering tasks in production.





## CONTINUING ON THE PATH OF QUALITY

### **Rework**

Rework is an important supplementary service that can be performed alongside any of our other services. After inspecting certain products, we use a defined method to bring the identified non-compliant items back to the required standards and specifications, making them suitable for delivery. By coordinating this service, we offer the opportunity to integrate quality inspection and reworking of non-compliant products into a single workflow.

Our rework services cover various industries, from metalworking to the plastics industry, and even electronics. The most common tasks include surface defect repair, deburring, corrosion removal, hole restoration, and size correction.

### **Assembly and manufacturing**

We offer efficient assembly and manufacturing services to our partners on a project basis or in response to sudden workforce requirements. If specialized professionals are needed and are unavailable at the client's site, we provide the necessary expertise with our own supervision and management. Our experienced colleagues possess all the required knowledge and practice to carry out assembly or manufacturing processes smoothly and with high quality. Whether it's short-term or long-term needs, simple or complex workflows, our team is ready to assist in optimizing your company's operations.

# IPC 610 Standard Compliance Inspection and Rework

With our certified and experienced quality inspectors, operators, and supervisors, we support our partners' processes in the electronics manufacturing sector by offering premium quality services. The IPC 610 standard is one of the most widely used guidelines in electronics manufacturing, providing detailed specifications for the quality and visual inspection of printed circuit boards (PCBs) and electronic assemblies.

Key aspects covered by this standard include soldering quality, component placement and polarity, mechanical integrity compliance, PCB cleanliness, and the detection of contaminants.

Our services are available nationwide at our partners' sites, and, if needed, at our own facilities in Mezőlak and Székesfehérvár.

## Cleanroom Quality Control

Our 74 m<sup>2</sup> cleanroom in Székesfehérvár meets the ISO 8 requirements of ISO 14644-1:2015. It is equipped with a full range of ESD tools, soldering stations, microscopes, and calibrated measuring instruments.

At our Székesfehérvár site, which houses the cleanroom, we have a total storage capacity of 400 pallets.

For goods transportation, we have two of our own 3.5-ton capacity trucks at the site, and larger shipments can also be arranged through our partners.

Our IPC-trained staff, along with our colleagues experienced in electronic inspection and repair, are ready to take your orders.



# Outsourcing, Contract Manufacturing

Since 2016, Miell Quality has been providing contract manufacturing and outsourcing services, during which we have completed thousands of hours of outsourced quality control, rework, assembly and disassembly, and dismantling activities, all with high customer satisfaction. We are now able to perform fully outsourced operations both on our own premises and on leased areas, nationwide.

Through our outsourcing service, we offer our clients the opportunity to delegate certain tasks, processes, or services to our company's own premises. The advantage of this approach is that businesses can reduce costs, optimize internal resources, and improve their manufacturing and storage capacity, allowing them to focus more on strategic priorities. By outsourcing non-core activities, companies can operate more efficiently while ensuring quality and reliability.

Under our contract manufacturing framework, we offer a business arrangement in which clients can entrust us with the production of their products. In this setup, the client provides the product designs, specifications, and brand name, while we, as the contract manufacturer, take full responsibility for the manufacturing processes. Through outsourcing and contract manufacturing, our clients can gain a competitive edge while maximizing the utilization of their resources.





## Logistics Services

Upon request, either on a project basis or for the long term, our skilled team, selected through a comprehensive pre-screening process, performs material handling and other logistics activities. These services are coordinated by a responsible manager in consultation with the client's contact person. Our logistics services include various processes such as transportation, warehousing, material handling, inventory management, line servicing, order picking, freight forwarding support, repackaging, labeling, and other related tasks.

Our team is equipped with the necessary qualifications and experience to operate various types of machinery, including forklifts, order pickers, and specialized equipment. This service is available not only for our clients but also at our own premises, where we can offer the added benefit of contract warehousing.

# Best practices



**Accurate and detailed assessment and understanding of customer requirements**



**High-level knowledge of automotive industry standards**



**Communication in multiple languages**



**0-24 Project management support**



**Precise project instructions**



**Calibrated professional tools**



**Flexible, skilled colleagues**



**ISO 9001:2015 certified quality management system**



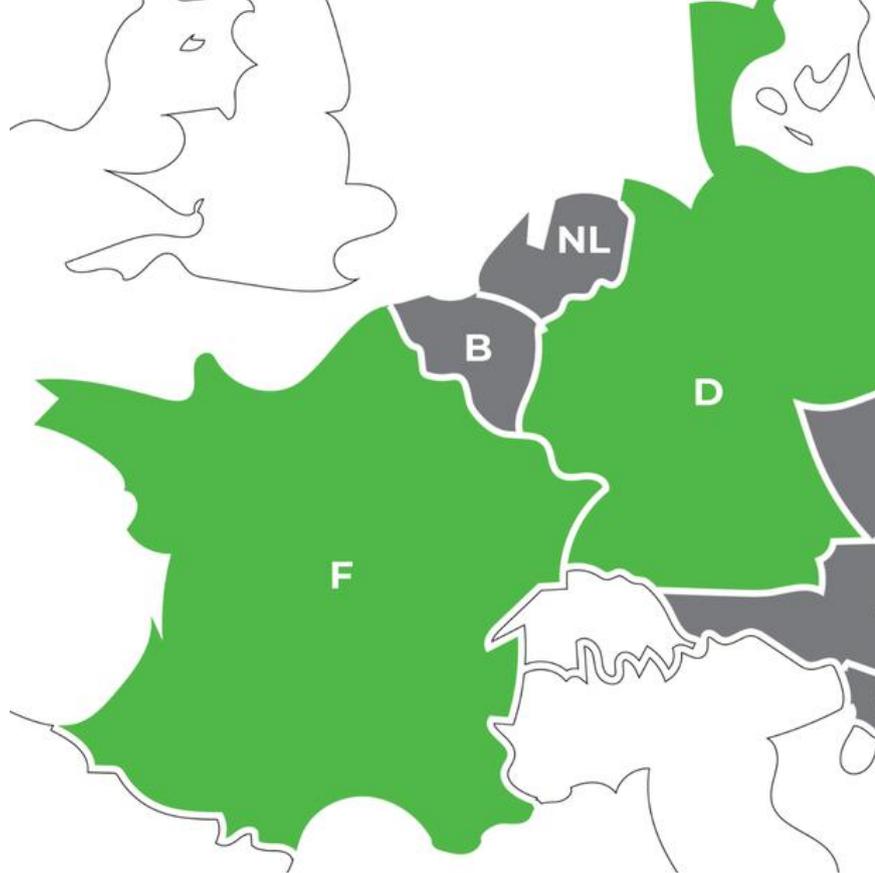
**Online accessible sorting results**



**Professional and secure IT support**



**High level of customer satisfaction**

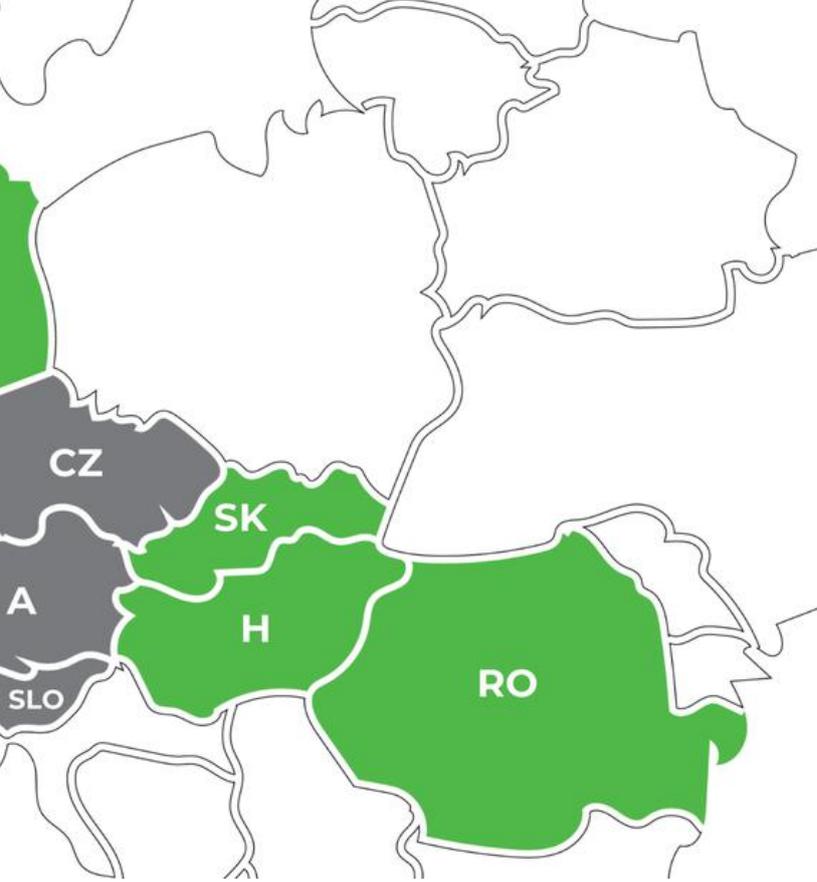


■ We have provided service activities

## Our Partners

Aalberts Surface Technologies Kft.  
 ACPS Automotive Kft.  
 ADIENT MEZŐLAK KFT.  
 AE-PLASZTIK ZRT.  
 AGC Glass Hungary Kft  
 Ajkai Elektronikai Zrt.  
 Antolin Hungary Kft.  
 Aptiv Services Hungary Kft.  
 AUDI HUNGARIA Zrt.  
 Autoneum Magyarország Kft.  
 Bebusch Hungaria Kft.  
 BHG-ÁSZ KFT.  
 BORSODI MŰHELY Kft.  
 BOS Automotive Products Magyarország Bt.  
 BOS Plastics Systems Hungary Bt.  
 BPW HUNGÁRIA KFT.  
 BUSCH-HUNGÁRIA KFT.  
 Bürkle Hungary Kft.  
 Cascade Engineering Europe Kft. C. E. E.  
 Continental Automotive Hungary Kft.  
 DAF Trucks Kft.  
 Dana Hungary Kft.  
 DENSO Gyártó Magyarország Korlátolt Fele  
 DM KFT.  
 DS Smith Packaging Hungary Kft.

DUVENBE  
 E.S.T.M. KF  
 EXEDY Dy  
 Federal M  
 Federal-M  
 Fehrer Hu  
 Ferdinand  
 FERRO-PP  
 FIEGE Kft.  
 FLEXTRON  
 Freudenbe  
 Gedia Hun  
 Grundfos  
 Hirtenberg  
 Honeywell  
 HUNGARO  
 HYDRO EX  
 Interplex H  
 INZI Contr  
 IPACK CHI  
 iSi Autom  
 Ivy Techno  
 Jármű Zrt.  
 J.H.ZIEGLE  
 Joyson Saf



# THE QUALITY IS SAFE, NOW IN SEVERAL LOCATIONS ACROSS EUROPE!

 We also have our own company.

CK IMMO Kft.  
T  
max Europe Kft  
ogul Hungary Kft.  
ogul Systems Protection Hungary  
ngaria Kft.  
Gross Hungary Kft.  
RESS FÉMIPARI SZOLGÁLTATÓ KFT.  
NICS INT. KFT.  
erg Sealing Technologies Kft.  
ngary Kft.  
Magyarország Gyártó Kft.  
ger Automotive SafetyHungary Bt  
Kft.  
D-SLR Kft  
KTRUSION HUNGARY KFT.  
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ER MO. KFT  
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Kaco Hungary Kft.  
Kayser Automotive Hungária Kft.  
Kirchhoff Hungária Kft.  
KSH Rugógyár Bt.  
LE BÉLIER MO. FORMAÖNTÖDE ZRT  
Lear Corporation Hungary Kft.  
LINAMAR HUNGARY ZRT  
MAGNA Body & Chassis Hungary Kft.  
MATRO KFT  
Mektec Manufacturing Corporation Europe  
MELECS EWS GmbH Magyarországi  
Fióktelepe  
Mercedes-Benz Manufacturing Hungary Kft.  
NILFISK Production Kft.  
NP Automotive Hungary Kft.  
OPEL SZENTGOTTHÁRD KFT.  
PANNON TOOLS Kft.  
PG Hungary Kft.  
Plasticor Műanyagfeldolgozó Kft.  
Pridgeon & Clay Kft.  
QP. ZRt.  
REHAU-Automotive Kft.  
Robust Plastics Hungary Kft.  
Sanmina-SCI Magyarország Kft.  
Sanoh Magyar Kft.

Sertec Auto Structures Hungary Kft.  
SFS Group Hungary Kft.  
Sick Kft.  
SLEZÁK Szerszámkészítő Kft.  
SMR Automotive Mirror Technology Hungary  
Solaredge Technologies (Hungary) Kft.  
TDK Hungary Components Kft.  
TEQBALL Kft.  
TOM-FERR Zrt.  
TR Hungary Kft.  
Tyco Electronics Hungary Kft.  
Minebea AccessSolutions Hungary Kft.  
Velux Magyarország Kft.  
VERITAS DUNAKILITI KFT  
VIDEOTON EAS Kft.  
Vincotech Hungária Kft.  
Vitesco Technologies Hungary Kft.  
Vitra Factory Kft.  
VT Metal Kft.  
VT Plastic Gyártó Kft.  
Warema Pt. Hungary Kft.  
WIENERBERGER zRt.  
WKW Hungaria Kft.  
XBODY HUNGARY Kft.  
Yanfeng Hungary Automotive Interior System



[WWW.MIELLQUALITY.HU](http://WWW.MIELLQUALITY.HU)

## CONTACT INFORMATION

### VASVÁR

9800 Vasvár Járdányi  
professzor u. 8.

### GYŐR

9027 Győr Tatai út 32.

### KECSKEMÉT

6000 Kecskemét Szolnoki u. 23.



### Fehér René

Sales Account Manager  
Western Hungary  
+36 30 487 2148  
[rene.feher@miellgroup.com](mailto:rene.feher@miellgroup.com)



### Gangel Marcell

Sales Account Manager  
Eastern Hungary  
+36 30 978 8528  
[marcell.gangel@miellgroup.com](mailto:marcell.gangel@miellgroup.com)