



## Company Presentation



## 1 The Company

- ✗ QMatrix...
- ✗ Services
- ✗ Business Units and Operation Areas

## 2 Reference Projects

- ✗ Support OEM Mexico and Rump-up Support 1st Tier Mexico Interior
- ✗ Support 1st Tier Mexico Interior and Advanced Quality Planning Interior Germany - USA
- ✗ Interim Supplier Manager CKD scopes at OEM and Advanced Quality Planning Interior for Leather Instrument Panel Germany - China
- ✗ Start-up support painted parts Exterior Germany – Hungary and Start-up support Automotive Exterior Carbon Italy
- ✗ Interim Quality Manager Automotive Italy exhaust systems and De-escalation Q-H:ELP Automotive Interior
- ✗ Certification Automotive CCC and Gonggao and training Daimler processes and specifications on 1st Tier level

## 3 Your Benefit

- ✗ Savings due to our Support

## 4 Contact

## ... a powerful team of consultants with expertise in a wide variety

- ✘ We have broad-based experience in quality management, both in theory as well as in practice
- ✘ We define the human being as the basis of a functioning process in the center of our doing
- ✘ We create mutual trust with our authenticity
- ✘ We are perfectionists and accustomed to implementing projects in a goal- and cost-oriented manner

## We perform audits und support you with:

- ✗ VDA 6.3
- ✗ Potential Analysis
- ✗ Complaint Audit
- ✗ Logistic Audit
- ✗ TRL Audit
- ✗ Implementation of
  - ✗ ISO 9001:2015
  - ✗ IATF 16949:2016
  - ✗ ISO 14001 and OHSAS 18001

## We train you in:

- ✗ Customer portals such as SQMS
- ✗ 5 Why and Ishikawa
- ✗ Kaizen
- ✗ Lean Management
- ✗ Reporting by 8D reports
- ✗ VDA 6.3



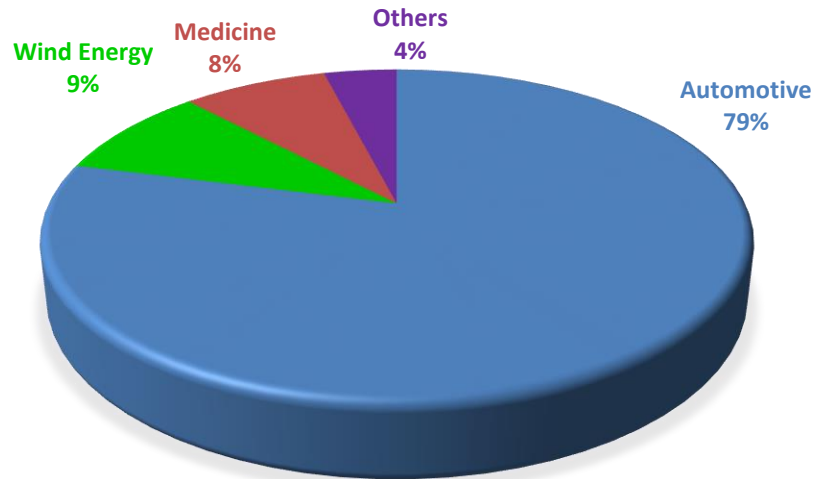
## We support your team as:

- ✗ Resident Engineer
- ✗ Supplier Manager
- ✗ Supplier Developer
- ✗ Quality Engineer
- ✗ Quality Planner
- ✗ Quality Inspector
- ✗ Expeditor

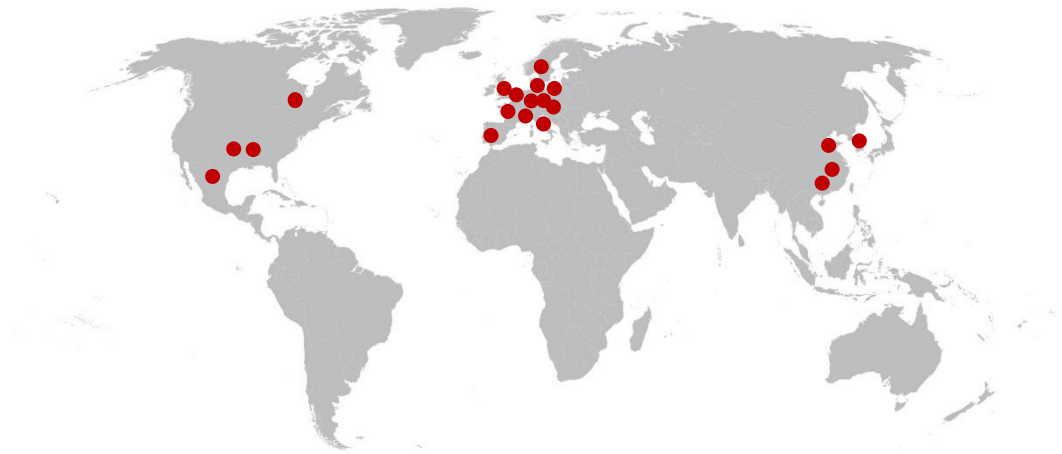
## We provide interim management like:

- ✗ Quality Manager
- ✗ Production Manager
- ✗ Project Manager
- ✗ Transfer Management
- ✗ Launch Support

## BUSINESS UNITS 2017



## OPERATION AREAS



## Support OEM Mexico

- ✗ On-site Training PPAP at OEM
- ✗ VDA 6.3 supplier audits
- ✗ R@R
- ✗ Logistic audits
- ✗ Training OEM requirements in supply chain
- ✗ Review sampling documentation
- ✗ PPAP portal training

## Rump-up Support 1st Tier Mexico Interior

- ✗ Process flow optimization
- ✗ Process capabilities
- ✗ Operator Training
- ✗ VDA 6.3 Audit preparation
- ✗ PPAP support
- ✗ Sewing process optimization
- ✗ Glue process optimization
- ✗ Product audits
- ✗ Ensure VDA 6.3 and OEM requirements
- ✗ Gage R@R
- ✗ Capacity stress tests
- ✗ Customer care

## **Support 1st Tier Mexico Interior**

- ✗ PPAP support
- ✗ Documentation support
- ✗ SQMS on-site Training
- ✗ Training WEB 2020 requirements
- ✗ Training Daimler requirements
- ✗ Support supplier management OEM requirements
- ✗ Workshop and Trainings with n-tier supplier for Daimler requirements
- ✗ Customer Care

## **Advanced Quality Planning Interior Germany - USA**

- ✗ Accompaniment in the construction phase according to Daimler requirements
- ✗ Tracking and implementation of VDA / RGA requirements
- ✗ Sampling coordination meetings
- ✗ Planning, preparation and execution of the DBL / FUV0 tests as well as color exams
- ✗ Preparation and monitoring of management meetings
- ✗ SQMS samplings
- ✗ Start-up support in the series factory USA
- ✗ Preparation of the VDA 6.3 customer audits

## **Interim Supplier Manager CKD scopes at OEM**

- ✗ Implementation of complaints and samplings
- ✗ Ensuring supply chain regarding the special CKD requirements
- ✗ Implementation of Audits
- ✗ Vendor releases
- ✗ Team management representation
- ✗ Shop Floor Management
- ✗ Execution of escalation meetings

## **Advanced Quality Planning Interior for Leather Instrument Panel Germany - China**

- ✗ Product development process according to APQP (Advanced Product Quality Planning)
- ✗ Creation of FMEA (Failure Mode and Effects Analysis) and control plan
- ✗ Preparation of work and test instructions in cooperation with the Chinese partners
- ✗ Installation and initial validation of the series production plants
- ✗ Training of quality staff from China in pre-production in Germany and China on site
- ✗ Capability studies
- ✗ Transfer of series production plants from Germany to China
- ✗ Supporting the commissioning of series production in China until successful SOP (Start of Production)
- ✗ Execution of audits according to VDA 6.3
- ✗ Successful release according to PPAP (Production Part Approval Process)



## **Start-up support painted parts Exterior Germany - Hungary**

- ✗ Sampling coordination meetings
- ✗ Creation of sampling documents
- ✗ Sampling according to customer specifications SQMS and VDA volume 2
- ✗ Start-up support Run-up curve from pre-run to SOP and ridge line
- ✗ Ensuring customer requirements

## **Start-up support Automotive Exterior Carbon Italy**

- ✗ CFRP bumper, rear spoiler, front lip and bonnet for Italian sports car
- ✗ Sampling coordination meetings
- ✗ Sampling according to OEM specifications and VDA volume 2
- ✗ Securing the complex supply chain of the individual process steps
- ✗ Tracking and Implementation Error Handling Process
- ✗ Increase in production quality and quantity
- ✗ Coordination and accompaniment of the pre-series and run-up curve to SOP
- ✗ Conducting management meetings with OEM
- ✗ Reporting to OEM
- ✗ De-escalation at OEM

## **Interim Quality Manager Automotive Italy exhaust systems**

- ✗ Installation of Q-Walls
- ✗ Temporary management of 45 employees
- ✗ Reorganisation of the Quality department and processes
- ✗ Tracking and prioritising immediate actions
- ✗ Reduction of customer complaints by 84 %
- ✗ Successful ISO/TS 16949 monitoring audit
- ✗ Coaching new Quality Manager
- ✗ Support of management meetings with customers
- ✗ De-escalation with FIAT / Maserati / Alfa Romeo customers

## **De-escalation Q-H:ELP Automotive Interior**

- ✗ Injection moulded plastic parts
- ✗ Tracking and processing of audit deviations (grading "C" rating of 78 %)
- ✗ Introduction of process optimization
- ✗ 5S workshops and standardization
- ✗ Optimization of warehouse and production layouts
- ✗ Continuous reporting to the OEM incl. Support for customer visits
- ✗ Significant increase in auditor results to a good "B" with 88.4 %
- ✗ Successful Q-H: ELP de-escalation from Level 2 directly to zero

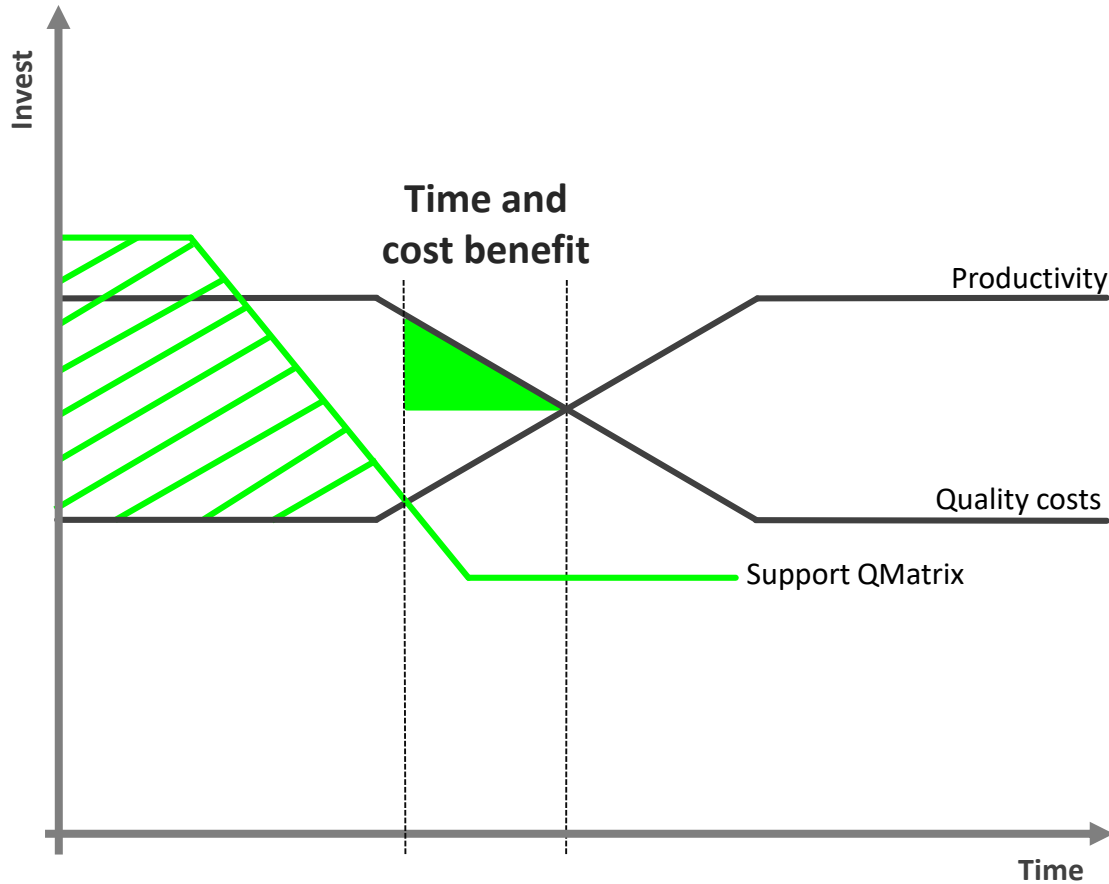
## **Certification Automotive CCC and Gonggao**

- ✗ Coordination CCC certification between three plants, CCC service providers and China
- ✗ Tracking sample shipment to China as well as obtaining the CCC and Gonggao certificates
- ✗ Pre-scheduling for tool change
- ✗ Coordination of the 58 tool modifications (new part number, CCC logo and factory code)
- ✗ Operational control of 83 new product numbers within targeted dead-line
- ✗ Reconciliation and reporting to OEMs
- ✗ Validate the new product numbers
- ✗ Revision of the documentation, control plans and work instructions for new product numbers

## **Project support and training Daimler processes and specifications on 1st Tier level**

- ✗ System Training and Maintenance START
- ✗ VDA / RGA (milestone tracking)
- ✗ BAG (Sampling discussions)
- ✗ Daimler standards and specifications from MBN, DBL, FUVO and MBST
- ✗ Accompanying color exams
- ✗ Training and support requirements WEB2020 in the context of WEB V X00
- ✗ CERTUS Certificate Requirements such as CCC Certificates and Printing Permission
- ✗ ARGUS audit documentation and action tracking
- ✗ SQMS sampling

# Savings due to our Support



## Your benefit

- |          |  |
|----------|--|
| internal | <ul style="list-style-type: none"> <li>✘ Optimization of expenses for new products</li> <li>✘ Minimization of rework and reject rates</li> <li>✘ Higher production quantity and -quality</li> <li>✘ Preventive safeguarding of the sampling process</li> </ul> |
| customer | <ul style="list-style-type: none"> <li>✘ Reduction of complaints (ppm)</li> <li>✘ Avoidance Management Attention</li> <li>✘ Ensuring customers and OEM specifications in the supply chain</li> </ul>   |
| supplier | <ul style="list-style-type: none"> <li>✘ Reduction support subcontractors</li> <li>✘ Reduction of incoming goods inspections</li> </ul>  |

# Contact us

We always support you with our employees in a discreetly and individual way.



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