Technomix

TECHNOMIX GROUP | MEMBER OF THE TICQE+ ALLIANCE

Quality in safe hands.

Tailored solutions for inspection and quality assurance.

AUTOMOTIVE & MORE.



www.technomix.eu



Preface.

Dear readers,

Industrial quality assurance is changing. Quality requirements are increasing, products and processes are becoming more complex, supply chains are evolving and regulatory requirements are growing. At the same time, automation, digitalisation and artificial intelligence are opening up new technological possibilities - and challenging companies to integrate them into existing structures effectively, reliably and cost-effectively.

For us, quality assurance today therefore means much more than inspecting individual components. It means reliably ensuring the quality of components and assemblies, understanding processes and bringing together the right technologies, inspection methods and services for different requirements.

Technomix has continued to evolve in response. What began in 1987 as a specialist quality assurance service provider is now a systems provider for industrial quality assurance. Our services range from manual and fully automated visual inspection and non-destructive testing (NDT) to comprehensive quality assurance as an extension of our customers' quality assurance operations - complemented by engineering and technical services.

We see ourselves as more than users of existing technologies. We combine extensive practical experience in industry with new technological possibilities, applying proven solutions and capabilities to new applications. This technology transfer across industries is becoming increasingly important to us. Experience and technologies from automotive, aerospace, electronics, energy and industrial applications, medical technology and other demanding industries can benefit one another and enable new solutions.

The TICQE⁺ ALLIANCE is a key part of this development. It broadens our range of capabilities and solutions, enabling us to combine specialist expertise in testing, inspection, technology and engineering.

Where a task extends beyond any one area of expertise, we can draw on complementary know-how as required. What matters to our customers remains the same: a single point of contact and a solution tailored to their specific requirements.

With over 250 qualified employees at our sites in Germany and Czechia, and an annual inspection volume of around 200 million components, we have the experience and infrastructure to reliably meet both short-term requirements and long-term quality assurance needs. Our aim is to deliver dependable inspection results, clear processes and solutions that make sense both technologically and commercially.

Throughout our technological and business development, our core values remain unchanged: taking responsibility, acting reliably, thinking long term and working in partnership. These principles shape our team and our relationships with customers, employees and partners. Industrial quality assurance delivers more than defect-free products - it maintains the ability to supply, protects reputations and builds trust.

This brochure offers an insight into our services, technologies and capabilities, as well as the opportunities created by the TICQE⁺ ALLIANCE and our Partner Ecosystem. Our goal is to combine existing and new technologies intelligently and develop solutions that meet the current and future requirements of industrial quality assurance.



Thomas Kraus
Board Member for Technology, Quality & Operations



Dominik Breuer
Board Member for Sales, Marketing & Communications



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COMPANY PROFILE

Systems provider for industrial quality assurance.

Technomix has stood for reliable quality assurance since 1987, developing from a specialist quality assurance service provider into a systems provider for industrial quality assurance with a broad technological base.

Today, we combine manual and fully automated visual inspection, non-destructive testing (NDT) and comprehensive quality assurance services as an extension of our customers' quality assurance operations with engineering and technical services. We inspect components and assemblies and ensure their quality throughout a range of production and supply processes, developing solutions around our customers' specific requirements.

We combine our extensive experience across industries with modern inspection and automation technologies.

Technology transfer between industries and applications creates further opportunities. Proven methods, technical know-how and new technologies can be applied to other tasks and developed into practical, cost-effective solutions.

As the lead founding member of the TICQE⁺ ALLIANCE, Technomix is also part of a broader range of capabilities and solutions. This allows us to draw on additional specialist expertise and technologies when needed and to coordinate responses to complex requirements that extend beyond our own service portfolio.

Our aim remains clear: to ensure quality reliably, take responsibility and develop a solution that meets each requirement both technologically and commercially.

FACTS AND FIGURES

1987
Founded in 1987, with more than three decades of experience

250+
Qualified employees

200 million+
Components inspected per year

5+
Operational sites in Germany & Czechia, including partner sites

TYPICAL APPLICATIONS

When quality must be assured quickly, reliably and cost-effectively.

Whether you need an immediate response, additional capacity or support with a technologically demanding task, we help wherever quality needs to be assured, processes improved or new solutions developed.

01 Quality complaints

When quality deviations or quality complaints arise, we provide additional inspection capacity at short notice, separate defective components and assemblies and help maintain the ability to supply.

02 Capacity constraints

When internal staffing, inspection capacity or technical resources are insufficient, we take on defined inspection and quality assurance tasks flexibly, in line with your needs.

03 Safe launch & production launch

For new product and series production launches, we provide additional assurance through defined inspection processes and controlled quality gates until the required process stability is achieved.

04 False rejects

Where existing inspection processes unnecessarily reject conforming components, we help optimise inspection methods, reduce misclassifications and avoid scrap costs.

05 Defect characteristics that are difficult to inspect

For complex characteristics or those that are difficult to detect using conventional methods, we develop suitable inspection concepts, combining different methods and technologies where required.

06 Outsourcing quality assurance

From individual inspection tasks to comprehensive quality assurance, we take on defined processes as an extension of our customers' quality assurance operations, freeing up their internal resources.

07 Process optimisation & automation

We analyse existing inspection processes and develop solutions that deliver lasting improvements in quality, process reliability, the level of automation and cost-effectiveness.

08 New inspection tasks & inspection concepts

Where no suitable inspection method has yet been established for a new task, we work with our customers to develop an appropriate concept covering methods, technology and implementation.

09 Technology transfer

We apply proven methods, technologies and experience to new applications, drawing on insights from different industries to identify new solutions.

10 Engineering & tailored solutions

Where standard solutions reach their limits, we develop customer-specific technical solutions, including automated inspection systems and custom machines.

> For us, quality assurance begins before inspection. At our own sites or directly at our customers' premises, using our own resources or complementary expertise and technologies from our network, we find the right model for every situation.

COMPANY PROFILE

Building trust.

Technomix has a corporate culture built over decades. The people who lead the company and take responsibility today have been with us for more than a decade. Their understanding of our customers, our processes and the requirements of industrial quality assurance comes from years of first-hand experience.

As a team with responsibility for the business, we carry forward what developed through the history of a family-run company - with personal accountability, short decision-making lines and a commitment to reliable, long-term action.

We combine continuity with development. Proven values and accumulated experience meet new technologies, new capabilities and a commitment to continually developing Technomix as a systems provider for industrial quality assurance.

For us, trust comes from more than experience and values. It is built through traceable processes, qualified employees, technological expertise and dependable results. Our customers must be able to rely on us to understand agreed requirements, implement them consistently and document them transparently.

We aim for collaboration founded on reliability, transparency and partnership - today and over the long term.

A SELECTION OF OUR CUSTOMERS

SCHERDEL · stoba Precision Technology · KLUMPP · Parker · KRON SOLINGEN

Hutzel-Seidewitztal Präzisionsdrehteile · SFS · Hirschvogel Automotive Group · BÜSCHEL Feinschneidtechnik › Werkzeugbau · berger

MTU Aero Engines · PRÄWEST · DIEHL Metall · BOSCH · SCHAEFFLER

> We have supported many of our customers for years - some for decades. From medium-sized businesses to international corporations, this creates long-term business relationships built on trust, reliability and shared experience.

INDUSTRIES

Industries with the highest standards.

Our services are in demand wherever requirements for quality, safety and process stability are high and reliable inspection conclusions are essential. This has long meant more than individual components. We inspect components, assemblies and more complex products or systems, ensuring their quality throughout a range of production and quality assurance processes.

Over many years, we have developed an in-depth understanding of technical, regulatory and process requirements across different industries. We combine this experience with modern inspection methods, automation, engineering and technical services, continually developing our solutions.

Each industry brings its own challenges: different standards, tolerances, documentation obligations, production conditions and quality assurance requirements. We understand these differences and tailor our inspection methods, processes and solutions accordingly.

We also look beyond individual industries. We apply proven methods, technologies and experience to new applications and tasks. This technology transfer across industries opens up new solutions and allows experience from different sectors to be combined effectively.

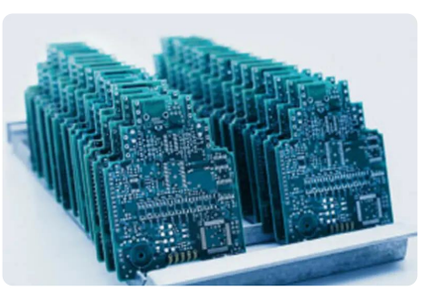
Where additional specialist expertise or technologies are needed, we can expand our range of capabilities and solutions accordingly. This creates solutions that meet specific requirements while supporting quality, process reliability and cost-effectiveness throughout our customers' value chains.



Automotive



Aerospace



Electronics



Energy & industrial applications



Medical technology



Rail vehicles & transport technology

> The industries shown are a selection – our services and technologies are already used in other industries and applications.

SERVICE PORTFOLIO

Everything from a single provider.

Industrial quality assurance requires more than individual inspection services - it demands an understanding of processes, industries and interfaces. This is where we come in.

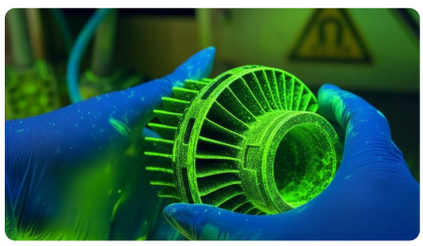
From manual inspection and non-destructive testing to fully automated visual inspection, we combine operational quality assurance with technology, engineering and technical services. Our services can be used individually or in combination - at our sites, directly at your premises or with additional expertise from the TICQE⁺ ALLIANCE and its Partner Ecosystem. You retain one central point of contact.



Quality inspections

Specific inspection methods for different component characteristics and quality requirements.

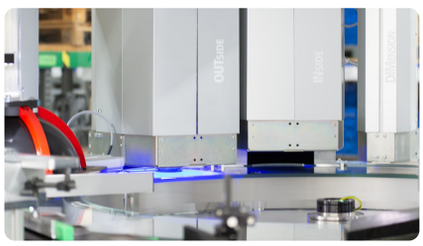
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Non-destructive testing (NDT)

NDT methods for the reliable testing of internal and external component characteristics.

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Fully automated visual inspection

Scalable 100% inspection using fully automated camera-based inspection systems.

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Contract inspection

Inspection services as an extension of your quality assurance operations.

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Full Service & Logistics

Assembly, rework, packaging and logistics as complementary services for your quality assurance.

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Onsite Management

Qualified inspection and quality assurance services directly at your premises.

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Engineering and technical services

Technical expertise and tailored support for demanding tasks - from analysis and concept development to implementation.

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QUALITY INSPECTIONS

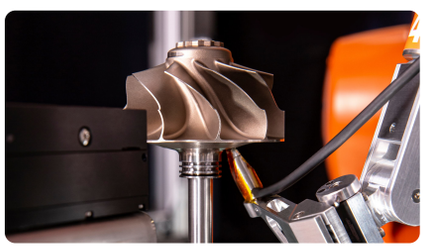
Precise inspection. Clear assessment.

Reliable quality assurance requires the right inspection method for each task. From visual and dimensional inspections to material examinations, we use a range of inspection and measurement methods to meet the requirements of each component and assembly.

Work is carried out in accordance with defined inspection criteria, specifications, defect catalogues and, where relevant, applicable standards. Depending on the task, we use manual inspections and suitable inspection and measurement equipment.



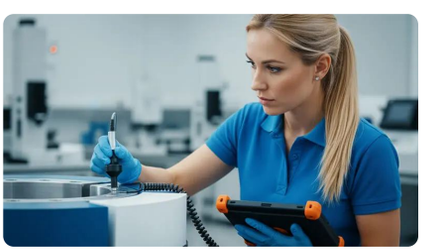
Surface inspection
Detection and assessment of visible surface characteristics such as scratches, pores, burr formation and coating defects.



Crack testing
Detection of surface and internal cracks to ensure the quality of safety-critical components.



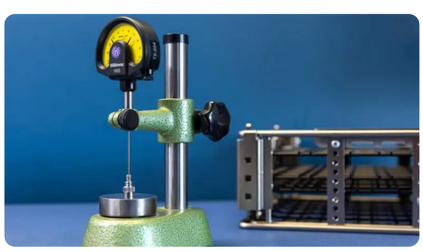
Weld testing
Assessment of welded joints for lack of fusion, porosity and cracking.



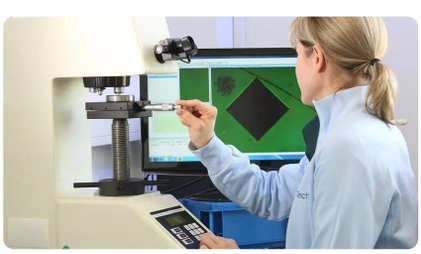
Coating thickness measurement
Measurement of paint, electroplated and corrosion protection coatings against defined requirements.



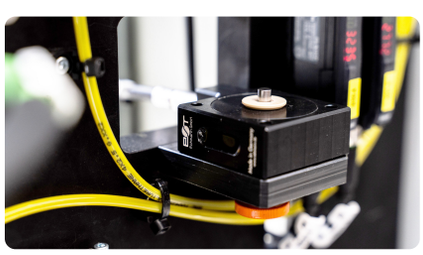
Pipe testing
Leak and pressure testing of pipes and components.



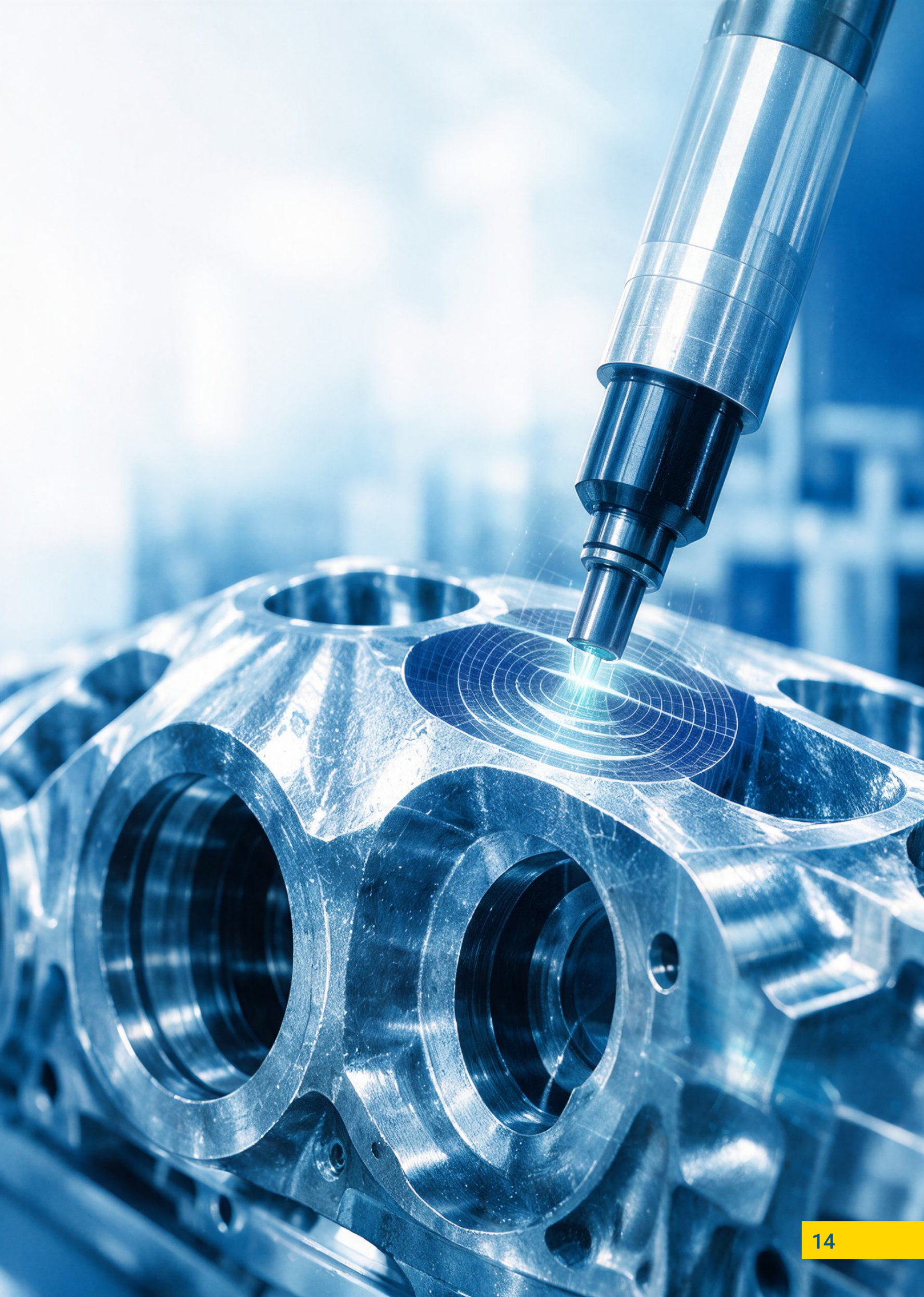
Dimensional inspection
Precise checking of lengths, diameters, angles and other tolerance-critical characteristics.



Hardness testing
Determination of material hardness to assess defined material properties and material condition.



Microstructural examination
Analysis of material structure to assess microstructure, material condition and heat treatment.

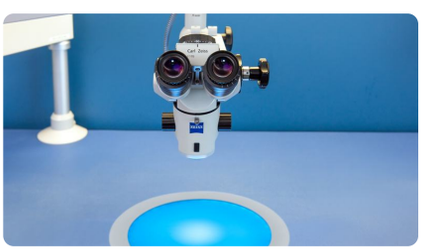


NON-DESTRUCTIVE TESTING (NDT)

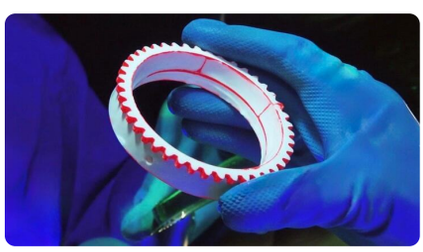
Reliable assessment of component integrity.

Non-destructive testing enables materials, components, assemblies and welded joints to be assessed without damaging them. Different testing methods are used, depending on the material, geometry, defect pattern and inspection task, to detect and assess surface-breaking, near-surface or internal discontinuities.

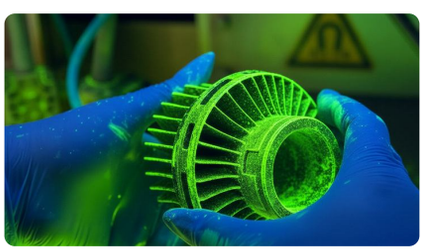
With certified NDT personnel and traceable documentation, we provide a sound basis for decisions in production, goods receipt, quality complaint handling and supplier assessment. We combine operational inspection expertise with NDT engineering and development expertise within the TICQE⁺ ALLIANCE.



Visual testing (VT)
Visual examination of surfaces, geometries and welded joints to detect externally visible discontinuities and deviations.



Penetrant testing (PT)
Testing of non-porous materials for surface-breaking discontinuities - capillary-action penetrants make even fine cracks visible.



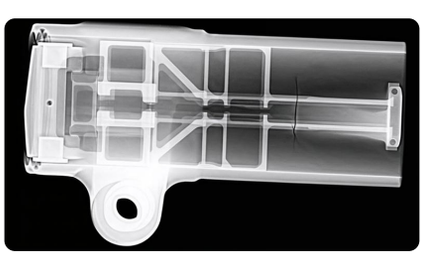
Magnetic particle testing (MT)
Testing of ferromagnetic materials to detect surface-breaking and near-surface discontinuities.



Ultrasonic testing (UT)
Volumetric testing to detect internal discontinuities, inhomogeneities and lack of fusion, including in components and welded joints.



Eddy current testing (ET)
Testing of electrically conductive materials to detect cracks and changes in near-surface material condition.



Radiographic testing (RT)
Imaging-based volumetric testing to detect and assess internal structures and discontinuities in components and welded joints.



FULLY AUTOMATED VISUAL INSPECTION

Automated inspection. Smarter detection.

Using our own fleet of automated inspection machines, we offer fully automated 100% inspection of components as a service. We combine optical visual inspection, surface inspection and dimensional inspection with powerful image processing and, depending on the machine and inspection task, additional technologies such as Shape-from-Shading and eddy current testing.

This gives our customers access to powerful automated inspection technology without having to invest in machines, personnel or the associated operational infrastructure themselves. It enables scalable solutions for large production runs as well as smaller or time-limited inspection assignments.

Up to 4	Up to ±1 µm	Ø 5–82 mm	100 %
Components per second	Repeatability	Height 1–40 mm	inspection without your own capital investment

AI-ASSISTED IMAGE ANALYSIS

Detecting what conventional image processing struggles to capture. In our automated inspection machines, we combine conventional and adaptive image processing with powerful AI components. AI supports the detection and classification of complex, variable or low-contrast defect patterns.

This hybrid approach combines the strengths of conventional inspection algorithms with AI-assisted image analysis. It broadens the range of characteristics that can be inspected automatically and helps reduce misclassifications and false rejects.

Our AI technology is already used reliably in production within our fleet of automated inspection machines.

Component types

Rotationally symmetrical and cylindrical components - seals, precision components, turned, stamped and formed components, and fasteners.

Inspection scope

AI-assisted defect detection and classification, surface inspection, dimensional and geometric inspection, adaptive image processing, eddy current testing depending on the machine, and fully automated sorting of conforming and non-conforming components.

Materials

Rubber, metal and plastic.

Component dimensions

Diameters from 5 to 82 mm; heights from 1 to 40 mm.

Network Partners
Collaboration Partners
Industry Partners
Partner Alliance
ALLIANCE MEMBERS
Mönchengladbach
TIC4D DEFENCE
SOLUTIONS PROVIDER GMBH
Pardubice
FLEXIMA S.R.O.
Schwielowsee
CNS GMBH
Pommersfelden
TECHNOMIX GROUP
Founding
Core
Alliance
Companies
VALUE
ONE TEAM
Certified Delivery Partners

MEMBER OF THE TICQE⁺ ALLIANCE

One partner. Every solution.

The TICQE⁺ ALLIANCE brings specialist industrial capabilities together in a strong network. As its lead founding member, Technomix is the central point of contact for industrial quality assurance, inspection technology, technology and engineering.

Where requirements extend beyond our own service portfolio, we can draw on additional expertise within the TICQE⁺ ALLIANCE and from the Partner Ecosystem as needed. This gives our customers a broader range of capabilities and solutions, with clear coordination through a single point of contact.

HOW OUR NETWORK IS STRUCTURED

ALLIANCE MEMBERS

Companies within the TICQE⁺ ALLIANCE with different structural roles and distinct areas of expertise. They operate independently in their day-to-day business and in the market, and can bring their capabilities together for joint tasks as required.

PARTNER ECOSYSTEM

Independent partners outside the TICQE⁺ ALLIANCE, with whom we work to varying degrees depending on the task - from an established network to strategic collaboration.

CAPABILITIES

Members and partners contribute technological, industry and application expertise. Depending on the task, we combine Technology, Industry or both areas of expertise to create a suitable solution.

A SIMPLE PROCESS FOR YOU

01
Your enquiry
You describe your task and specific requirements.

02
One point of contact
We analyse your needs and coordinate the next steps in implementation.

03
The right expertise
We bring together the services, technologies and expertise required.

04
One solution
You receive a coordinated solution from a single provider.

A single point of contact
One central point of contact for your industrial quality assurance requirements.

Combined expertise
Inspection, NDT, automation, technology and engineering brought together as required.

Broader evidence of compliance
Access to additional certifications and evidence of compliance through sister companies within the TICQE⁺ ALLIANCE.

TICQE⁺ ALLIANCE – OPERATIONAL SITES

Strong connections. Local support.

Our operational sites in Germany and Czechia combine proximity to our customers with different technological and specialist strengths. This enables short distances, rapid responses and flexible service models, both at our sites and directly at our customers' premises.

Each site contributes its own capabilities - from inspection and sorting services to non-destructive testing, automated inspection technology and engineering, as well as Testing, Inspection and Certification and system solutions for safety-critical applications. A particular focus is the combined NDT expertise of Aspermonte Inspection s.r.o. at the Plzeň site.

By working across sites and companies, we bring these different capabilities together to create a broader range of capabilities and solutions. This enables a coordinated response to complex requirements and allows us to deliver services wherever the model best suits our customers.



TICQE⁺ ALLIANCE

Our founding partners.

Specialist companies with distinct areas of expertise and a shared commitment: as founding partners of the TICQE⁺ ALLIANCE, we combine operational quality assurance, testing and inspection, NDT, technology, engineering and system solutions across companies, industries and countries.

CNS GmbH

NDT · Engineering · Custom machine building

Development and engineering in non-destructive testing, together with the integration of NDT components into tailored inspection and system solutions.

- Engineering services for a range of industries
- Development and integration of NDT solutions
- Custom machine building and tailored inspection systems
- Sales of NDT equipment and sensors
- Verification, training, service and maintenance

Site: Schwielowsee, Germany

Flexima s.r.o.

Inspection & quality assurance services

Operational quality assurance focusing on inspection, sorting and rework services, with flexible deployment directly at customers' plants.

- Visual inspection, measurement and sorting
- Rework and assembly
- Quality Engineering
- Onsite Management directly at customers' plants

Sites: Pardubice and other locations, Czechia

TIC4D Defence Solutions Provider GmbH

TIC · Engineering · System solutions

Testing, Inspection and Certification, together with engineering and system solutions for safety-critical industrial applications and demanding supply chains.

- Testing, Inspection and Certification
- Engineering and system integration
- Safety-critical industrial applications
- Defence and associated supply chains
- Coordination of complex project and system solutions

Site: Mönchengladbach, Germany

> You retain a single point of contact. As the lead founding member, Technomix coordinates the expertise and services required for your task.

SITES, MARKET PRESENCE & NETWORK

National roots. International presence.



Our operational sites in Germany and Czechia form the foundation of our services. They are complemented by our market and sales presence and an internationally established Partner Ecosystem, through which we can draw on additional regional, technological and industry-specific expertise as required.

This allows us to bring quality assurance, technology and engineering to wherever our customers and their supply chains operate. Depending on the task, we combine our own expertise with the capabilities of the TICQE⁺ ALLIANCE's founding partners and specialist expertise from our Partner Ecosystem.

We draw on experience and technologies across national and industry boundaries, providing access to solutions that go beyond the capabilities of any single site.

CERTIFICATIONS

Verifiable standards.

Trust in industrial quality assurance is built on traceable processes and verifiable standards. Our certifications document structured management systems and compliance with defined quality, environmental and industry-specific requirements.

Through sister companies within the TICQE⁺ ALLIANCE, we broaden this evidence of compliance to include information security and requirements for safety-critical applications.

OUR CERTIFICATIONS

DIN EN ISO 9001

Quality management system

An internationally recognised standard for structured processes, continual improvement and effective quality management.

EN 9100

Aerospace & defence

An industry-specific quality management standard for the aviation, space and defence industries, with additional requirements for quality, processes and traceability.

DIN EN ISO 14001

Environmental management

An internationally recognised standard for systematic environmental management and the responsible management of resources and environmental aspects.

THROUGH SISTER COMPANIES: FURTHER CERTIFICATIONS & EVIDENCE OF COMPLIANCE IN PREPARATION

DIN EN ISO/IEC 27001

Information security

An internationally recognised standard for information security management and the structured protection of sensitive information and data.

Certification process under way

NATO AQAP 2110

Quality assurance in defence

NATO quality requirements for design, development and production for relevant defence contracts and supply chains.

Compliance verification process under way



CONTRACT INSPECTION

An extension of your quality assurance operations.

When quality complaints arise, additional capacity is needed or series production launches require quality assurance, flexible and reliable inspection services are essential. As an extension of your quality assurance operations, we take on defined tasks within your quality and supply processes.

We inspect, sort and classify components and assemblies against defined inspection criteria, specifications and defect catalogues. Results are documented in a structured, traceable way. This helps separate defective or non-conforming components at an early stage, avoid production interruptions and maintain your ability to supply.



Contract inspection
Defined quality inspections of components and assemblies against specified inspection criteria and defect catalogues.



Contract sorting
Reliable classification and separation of conforming components, non-conforming components and components requiring rework, according to defined requirements.



Contract measurement
Precise dimensional inspection for the reliable checking of tolerance-critical characteristics.



Sorting & rework
Sorting and defined rework of non-conforming components and assemblies, where technically appropriate and specified by the customer.



Incoming and outgoing goods inspection
Quality assurance at key interfaces in your supply chain.



Contract assembly & contract packaging
Defined assembly, packaging and order picking services to complement our inspection and sorting assignments.



FULL SERVICE & LOGISTICS

The extra mile.

Quality assurance does not end with inspection. On request, we take on complementary process steps for your components and assemblies - from assembly and rework to packaging and coordinated logistics.

This allows inspection and upstream or downstream services to be combined into an integrated quality assurance process. Interfaces are reduced and workflows coordinated. On request, Technomix can serve as the final quality assurance stage before delivery to your end customer.



Assembly
Screw fastening, plug-in connections, joining, adjustment and bonding, as well as pre-assembly and final assembly work - in accordance with defined work instructions, specifications and approval processes.



Rework
Deburring, grinding, drilling, cleaning and painting - targeted processing of non-conforming components and assemblies according to defined requirements, for example during series production launches or quality complaint handling.



Packaging
Kitting, blister packaging, vacuum packaging and shrink wrapping, together with labelling and marking - including dispatch on behalf of the customer on request.



Logistics
Coordination of collection and delivery using our own fleet or external logistics providers - aligned with individual delivery schedules and the requirements of your production and supply processes.


ix
hren
geschulte Augen sehen mehr...
vww.technomix.de

ONSITE MANAGEMENT

Directly at your premises.

Not every inspection can or should take place outside your plant. With our Onsite Management, we take on defined inspection and quality assurance tasks directly within your production environment.

Our qualified inspection personnel, validated using our own procedure, work to clearly defined inspection criteria and processes. Depending on the task, we bring the required inspection equipment and take responsibility for organising and coordinating the deployment. Services can be adapted flexibly to actual needs and provided on a short-, medium- or long-term basis.

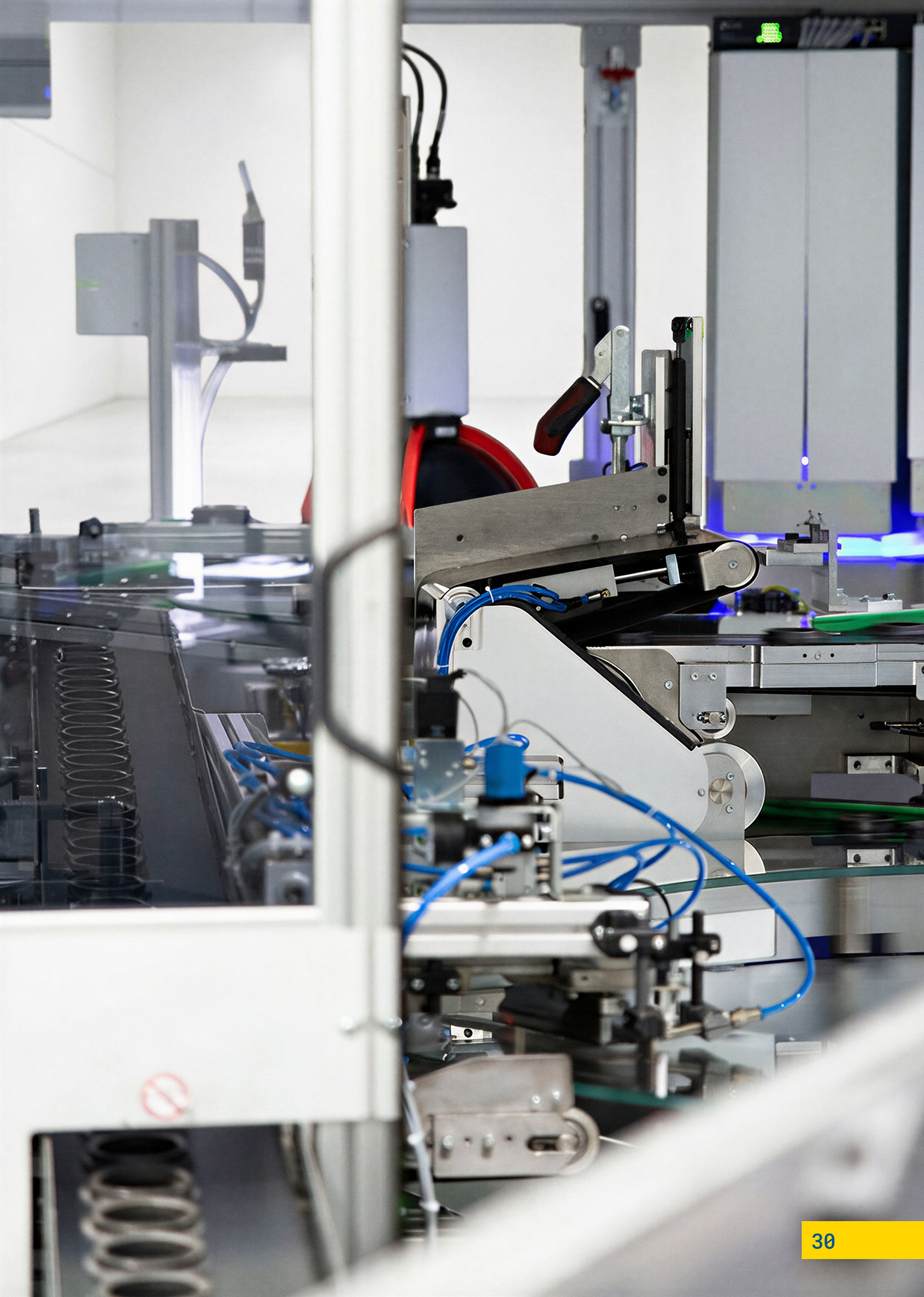
We do more than provide individual workers: we take responsibility for a defined inspection and quality assurance service, with an agreed scope, clear responsibilities and traceable documentation.

When Onsite Management makes sense

- When components or assemblies must remain on site for regulatory, contractual or process-related reasons
- In time-critical situations, such as urgent quality complaints or potential supply interruptions
- For large, complex or difficult-to-transport components and assemblies
- When sensitive products, processes or manufacturing information require particular confidentiality
- When inspection processes need to be integrated directly into existing production and quality processes
- When internal quality assurance faces capacity constraints during ongoing production

What we provide

- Qualified inspection personnel with comprehensive induction and regular validation assessments using our own procedure
- Suitable inspection equipment for the task concerned
- Defined inspection processes based on agreed criteria, specifications and defect catalogues
- Traceable documentation of the inspection and quality assurance services performed
- Organisational coordination of the entire deployment, including staffing and deployment planning
- Flexible, scalable deployment models for short-term needs and long-term tasks alike



TAILORED SOLUTIONS

Engineering and technical services. Knowledge that creates solutions.

Some tasks do not fit a standard model: new components and assemblies, complex defect patterns, specific requirements for inspection, verification and documentation, or tasks for which standard methods are insufficient and a suitable inspection concept must first be developed.

Our extensive experience in industrial quality assurance provides the foundation for analysing these technical tasks systematically, assessing their feasibility and developing suitable solutions. We combine inspection and process knowledge with technological expertise, drawing on specialist capabilities within the TICQE⁺ ALLIANCE and its Partner Ecosystem where needed.

WHEN ENGINEERING AND TECHNICAL SERVICES ARE NEEDED

Special projects
Individual tasks for which standard methods or existing inspection concepts are insufficient.

Complex defect patterns
Analysis of defect patterns that are difficult to detect or recur, and development of suitable inspection strategies.

New inspection requirements
Analysis of new inspection and verification requirements and development of suitable inspection concepts and solution approaches.

Feasibility & assessment
Assessment of whether characteristics can be inspected reliably and cost-effectively, and which methods can achieve this.

Process improvement
Analysis of existing inspection workflows and development of approaches to improve process reliability, cost-effectiveness and the level of automation.

The path to automation
Assessment of automation potential and development of suitable solution concepts - drawing on specialist engineering and custom machine building expertise within the TICQE⁺ ALLIANCE where required.

01
Understand the challenge
Joint analysis of the component or assembly, inspection task, requirements and objectives.

02
Combine capabilities
Combine our own inspection and process expertise with the technological and specialist expertise required.

03
Develop the solution
Develop a suitable solution approach and coordinate support throughout implementation - with one central point of contact.



A TYPICAL INSPECTION ASSIGNMENT

From the first component to the last.

However much components, assemblies, requirements and industries differ, our approach follows a clear, structured process. From goods receipt to goods dispatch, defined processes and traceable documentation provide transparency throughout the inspection assignment. We support our customers with clear responsibilities and coordinated communication.

01

Goods receipt

Structured receipt, identification and quantity checks of your components and assemblies as the basis for further processing.

02

Inspection preparation

Agreement on inspection criteria, preparation or adoption of inspection instructions and defect catalogues, and selection of the appropriate inspection method.

03

Inspection

Inspection using the method best suited to the task - manual, automated or a combination of both. Manual inspections are performed by qualified inspection personnel validated using our own procedure.

04

Sorting & rework

Separation into conforming components, non-conforming components and components requiring rework, followed, where specified, by defined rework according to agreed requirements.

05

Reporting

Traceable documentation of inspection results in line with agreed requirements - defect tally sheets, photographic documentation and customer-specific reports.

06

Goods dispatch

Packaging according to agreed requirements, labelling and marking, followed by handover to your logistics team or, where specified, directly to your end customer.

THROUGHOUT THE INSPECTION ASSIGNMENT

- Clearly identified points of contact and defined responsibilities throughout the assignment
- Agreed updates on inspection progress, quantities inspected and identified defect patterns
- Prompt notification of unexpected findings or newly emerging defect patterns
- Traceable documentation of inspection and quality assurance results in line with agreed requirements


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Zeiss

WHY TECHNOMIX?

Eight reasons to choose us.

01

Systems provider for industrial quality assurance

From manual and fully automated visual inspection and NDT to comprehensive quality assurance as an extension of our customers' quality assurance operations - complemented by engineering and technical services.

02

Extensive experience. Continual development.

Since 1987, we have combined experience in industrial quality assurance with new inspection methods, technologies and solution approaches.

03

AI-assisted inspection technology in production use

Within our fleet of automated inspection machines, we combine conventional and adaptive image processing with powerful AI components - without customers having to invest in their own machines.

04

Qualified and validated inspection personnel

Our inspection personnel receive a structured induction and are regularly validated using our own procedure.

05

Rapid response

For quality complaints, capacity constraints, production launches and other time-critical tasks, we provide flexible additional capacity.

06

Flexible service models

At our sites, directly at your premises or through combined models - from individual inspection tasks to comprehensive quality assurance.

07

Technology transfer across industries

We apply proven methods, technologies and experience to new applications, combining insights from different industries.

08

One point of contact. Broader capabilities.

As the lead founding member of the TICQE⁺ ALLIANCE, we draw on additional specialist expertise where required. You retain a single point of contact.

CONTACT

Talk to us about your requirements.

TECHNOMIX GROUP I MEMBER OF THE TICQE+ ALLIANCE

Whether you have a specific inspection task, a short-term quality assurance need or a complex technical challenge, talk to us about your requirements. Together, we will find the right model.

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Our certifications
DIN EN ISO **9001**
DIN EN ISO **14001**
EN **9100**