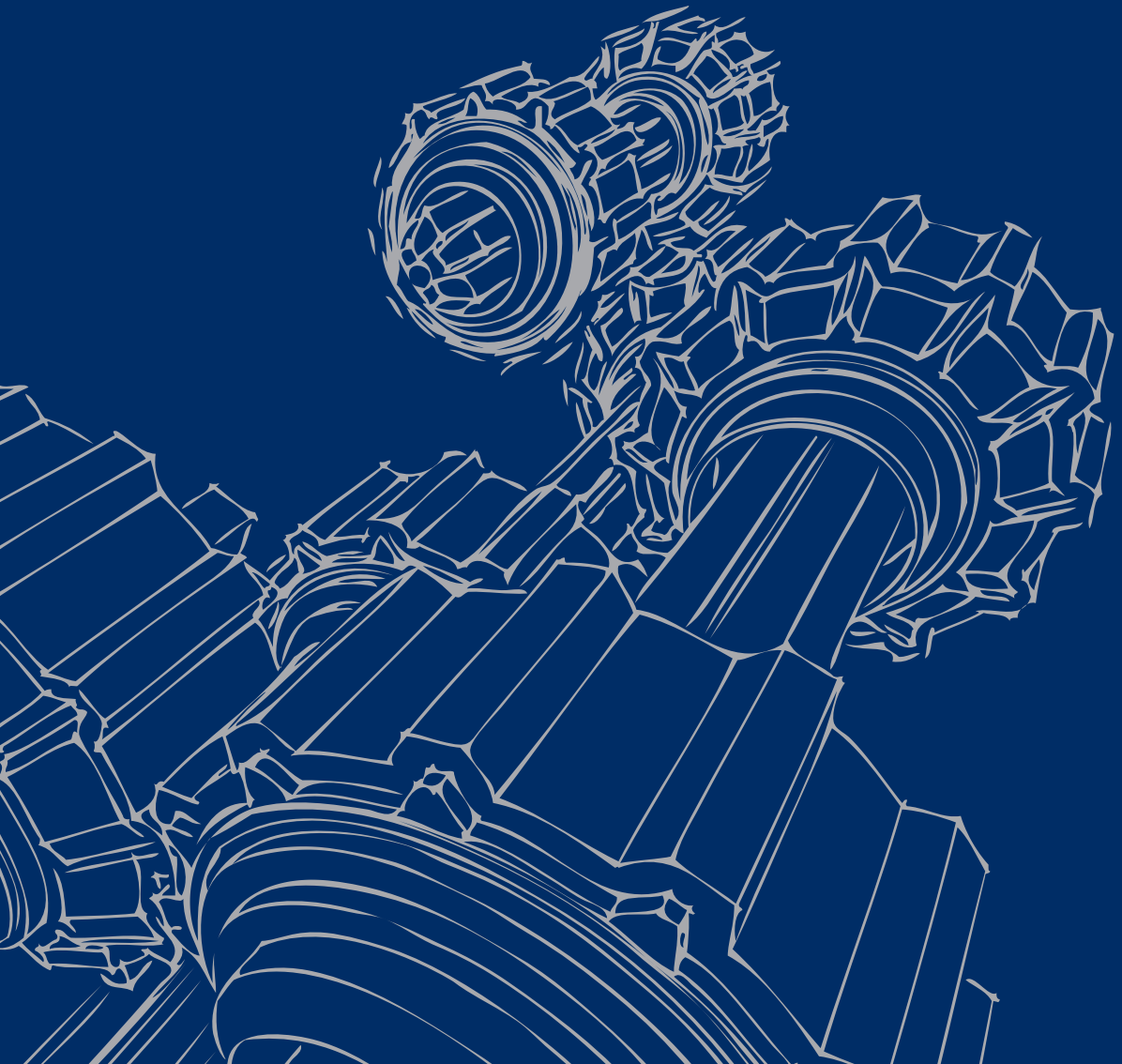
SUSTAINABLE. COMPREHENSIVE. EFFICIENT.

Schumann Solutions GmbH

Your specialist in non-conformity management, root cause analysis, quality management, and supplier and product qualification



WHAT WE CAN DO, WE'LL DO IT FOR YOU

We are …

Sven Schumann
Managing director
Certified project manager
Senior project leader

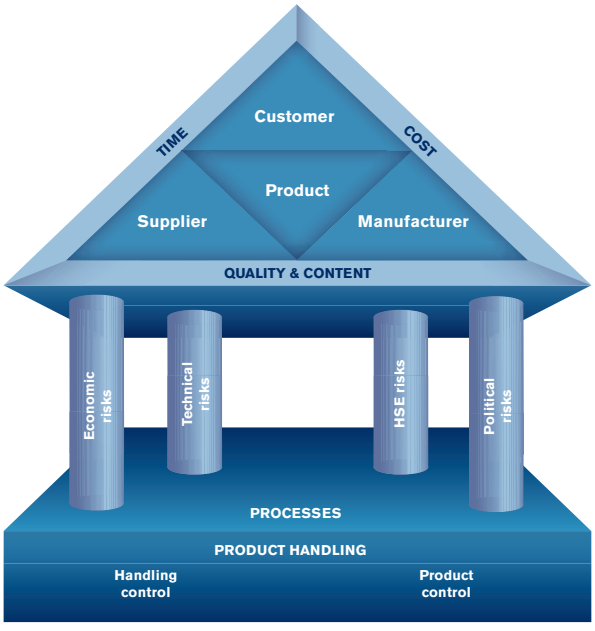
… a team of experts from diverse areas (engineers, project managers, lawyers, economists and back-office staff), ready to create interdisciplinary solutions for your projects. Be it project management and project development or qualification of suppliers and products: our actions are swift, sustainable and cost-efficient.

Our broad networks, both national and international, will immediately provide you with all of our resources: we will put together a team of experts for you that will just perfectly match your demand.

Decades of experience enable us to do so, our staff having worked in a multitude of practical assignments in industry, engineering and production, and naturally going further, with regular training, as well as with certification and auditing procedures, especially in mechanical engineering, gear manufacturing and plant construction.

We offer you …

- Qualified and certified non-conformity management
- Root Cause Analysis
- Claim Management
- Qualification of suppliers and products
- Quality management
- Auditing (VDA 6.3, amongst others)
- Technical consulting for engineering design and development
- Production planning
- Improvement and implementation of internal processes, e.g. for quality control



The Schumann Temple:
Our benchmarking quality

SERVICES WITH CLOCKWORK PRECISION

We work …

… like cogwheels, interlocking with one another, strengthening one another, so that everything runs just smoothly, within the team and with you as our client.

Years of experience with large-scale projects and product oriented crisis management make that we know precisely the needs and wishes of our clients, suppliers and manufacturers. It is our conviction that there always is a solution! That's why we never ask "whether" but always focus on "how" the job can be done.

Expertise, continuous communication, documentation and teamwork being key, the definition of all project content will be the fruit of a close cooperation between your team and our experts. They will then continuously keep you updated on the project status via steady documentation, and will arrange for regular joint meetings to coordinate all subsequent project steps. Our project documentation provides you with a reliable basis for internal decisions and serves as a binding body of data towards third parties (e.g. insurances).

Nothing is more certain than change of plans. Be assured that we will meet unforeseen events with full agility and commitment, because:

We are passionate about our projects and won't be happy before it's all "thumbs up"

Quality is key – Our benefits for you:

- Economic benefits for your company thanks to optimized processes, extensive controlling and successful claim management
- Organizational advantages thanks to the expert analysis of existing processes, and the implementation of optimized or new procedures
- Technical advances thanks to the global validation and enforcement of specifications (in-house and with your external suppliers, e.g. according to VDA 6.3)
- Increased reliability for your customers thanks to achieving outstanding product and service quality and services
- Excellent reputation of your company on the market

Throughout our company history, we have been working with numerous well known enterprises and will happily provide you with a selection of our references.

External project management

Together we celebrate successes

NEW OR UNEXPECTED CHALLENGES – BUT IN LACK OF RESOURCES?

We fill in …

… in the event of scarce company capacities, such as when your team unexpectedly faces an extensive non-conformity project. In such a situation, as in many others, we'll happily support you with our external project management, including hands-on methods and processes as an all-inclusive service or in selectable features.

This enables us to carry out all necessary activities along the value chain to assist in quick, solution-oriented and profitable ways. In case of non-conformities caused by third parties, you will even be able to pass on any costs incurred, e.g. to your liable supplier or to insurances.

We at Schumann Solutions will always act completely independently in the best interest of the principal. We have proven our success by carrying out and completing numerous projects to the fullest satisfaction of our clients. Examples are:

- Series defect projects of global extend, requiring immediate measures, followed by damage reports, schedules, replacement deliveries, repair or replacement of components, cost schedules, involving everyone and everything in the value chain, from project development to commercial agreements with suppliers.

- Ship accidents, where we provided the on-site damage assessment, set up extensive damage documentation for manufacturers and insurances and negotiated the claims, also taking care of all involved correspondence for our customer.

Project management is our business. Thanks to our broad and competent team lineup, we are the perfect partner for you.

Our portfolio for your company:

- Independent and hands-on project handling
- Strategic consulting services for development, production and management
- Global standardization of non-conformity processes in the sectors wind energy, manufacturing industry and mechanical engineering – non-conformity upgrade
- Non-conformity and claim management
- Successful commercial agreements
- Product and process optimization
- Quality assurance and monitoring of engineering design
- Extensive and detailed documentation, e.g. for insurance claims
- Supplier and product qualification support
- Technical consulting services for wind energy plants (WEP)
- Product oriented crisis management

Project development

Together we tackle challenges

NEW PRODUCT, NEW PROCESSES, NEW BUSINESS AREAS?

We support …

… by jointly developing concepts for your projects and tasks.

You're setting your sights on a new development? It is about the redesign of global processes and the reorganization of interfaces or engineering concepts, which you want to develop from scratch to launch? So, take us on board in good time!

When we start a project, our team gathers all required information on technical and organizational aspects, and fuses it into one single pool for you, providing a solid planning foundation. We will also be your reliable partner for cost accounting, feasibility studies, project management and all other aspects concerned.

After exactly defining project aims, milestones and schedules, we will see to your project through all possible stages of development – leading you straight to completion.

Our services for your ideas:

- Planning, from determination of requirements to risk analysis
- Project start, with kick-off-meetings and workshops
- Project coordination, including service acceptance tests and verification
- Controlling, by status and final reports

Qualification of suppliers and products

Together we set standards

QUALITY WITHOUT COMPROMISES?

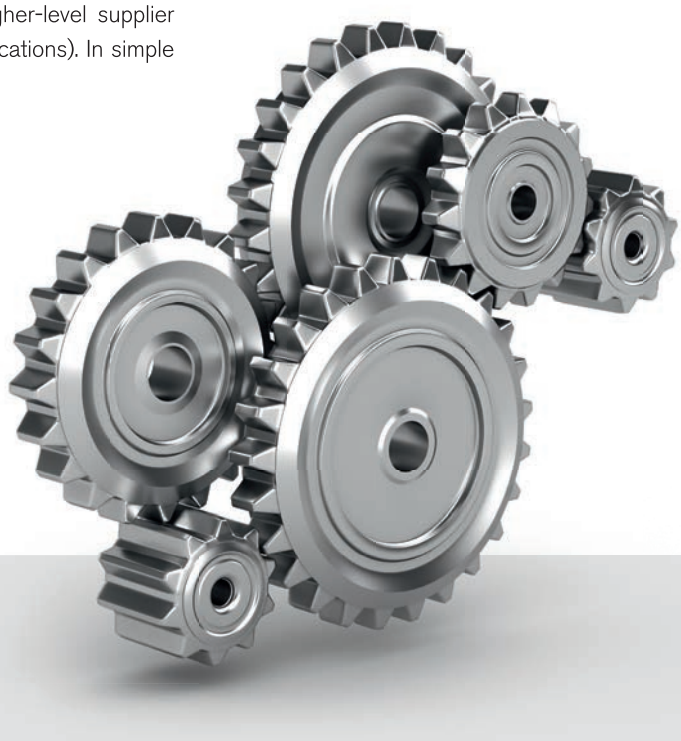
We qualify …

… your company, your suppliers, your products and also the processes of your supply chain management. Obviously, all companies along the supply chain need to be 100% certain to receive first-class products from their own suppliers, allowing for flawless products and complete customer satisfaction at all levels.

Even if detailed product requirements are consistently available for all specifications, many companies still need support. As a matter of fact, the mere existence of regulations will not guarantee a 100% compliance, or even regular reviews.

Our support will be a precious fundamental contribution to your quality management, from individual product qualification (internal and/or external) up to higher-level supplier qualification (i.e. for a company as a whole with all processes and specifications). In simple terms: high quality production, no claim costs.

You demand quality? Challenge us!



Your supplier qualification benefits:

- Qualification and auditing of established suppliers (regular review of existing processes, instructions, certifications)
- Selection and auditing of new suppliers (potential analysis, check and qualification of the companies' processes, e.g. according to ISO 9001 or VDA 6.3)
- Implementation of new methods and feedback loops for increased process reliability and product quality
- Validation of your suppliers' procedures
- Process audit according to VDA 6.3

Your product qualification benefits:

- Compliance with specifications
- Compliance with standards and regulations
- Consistently high product quality
- Validation of products, measures and procedures
- Effective defect elimination on detection
- Regular periodical product and process monitoring

QIMP® – YOUR ELECTRONIC BRIEFCASE

We aggregate …

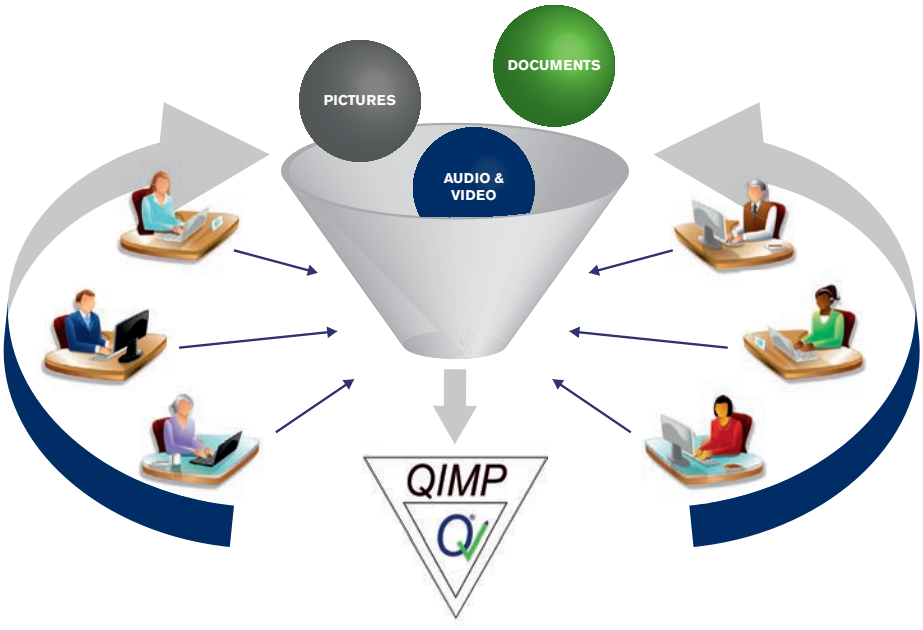
… your data in a central web-based software solution: our Quality Improvement Portal – ***QIMP***® for short – thus enabling you to effectively and smoothly process and evaluate your data. Why? Because only excellent documentation will induce best quality.

Pictures, documents, audio or video files – we combine the stability of a software with the mobility of an app, and offer an organization tool with our professional single-source data base.

Regardless where you are: at your office, at your customer's, your supplier's or on the construction site, with ***QIMP***® your data is always available. Just "reach" into your electronic briefcase. Your benefit using the ***QIMP***® data pool: you'll immediately work on questions and directly integrate measures.

Site and time-independent access, access control, useful tagging and searching, as well as clear reports – all these and many more features are provided by ***QIMP***®.

That's what brings quality to life: in products, processes and in your organization!



Competitive advantages with *QIMP*®:

- Data pool as a decision-making basis
- No system change needed
- Let the system work for you – not the reverse
- A dynamic system growing as you grow
- Flexible interfaces with third-party systems
- Integration to your web page and intranet

REALTIME COMMUNICATION FOR INTELLIGENT MANAGEMENT SOLUTIONS

With *QIMP*®-it and *QIMP*®-pilot we combine …

… management requirements for information, transparency and lean processes using mobile communication. Instead of producing rigid isolated solutions or complex software packages, you'll get individual configurations and flexible adaptions to your company's demands.

QIMP®-it

Organize your tasks, orders or requests inside your company using our instant messaging app ***QIMP*®-it**. In addition to the common features of a short messaging system, such as exchanging texts and pictures, ***QIMP*®-it** offers advanced options to meet your individual needs: ***QIMP*®-it** serves as a fast and therefore highly efficient communication tool for non-conformity management, quality processes, claim management and others. You quickly and easily address tasks with priorities in user specified (group) chats. In addition, you work and communicate with push technology.

All you need is a mobile device.

QIMP®-pilot

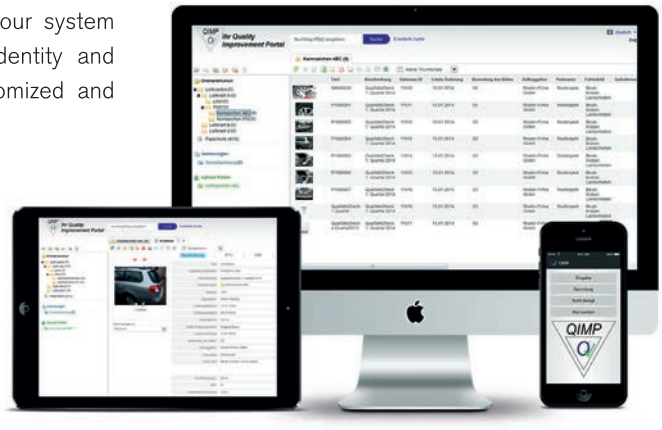
Everything at a glance with the information provided by ***QIMP*®-it**. With the dashboard view in ***QIMP*®-pilot**, you see the current status of your tasks and results, detect necessary actions and promptly respond to them. Additionally, you can also manage externally contracted tasks using a task pool, access histories on demand or generate extensive analysis and reports with a single click. ***QIMP*®-pilot** provides the central information source for the operational levels and the strategic management. It combines administration and documentation, controlling and management.

No task, requirement, question or customer request will be overlooked.

We implement our products ***QIMP*®-it** and ***QIMP*®-pilot** into your system architecture, in accordance with your company's corporate identity and application profile. Furthermore, the applications can be customized and upgraded at any time.

Quality – around the world, around the clock.

For further information, please visit www.*QIMP*.com



Best quality service right from the start:

- Data import and export
- Analysis, reports and documentation for product lifecycle management
- Trainings
- Consulting, customization and administration
- Individualized further development
- System interfaces, e.g. with SAP
- Imbedding of shopping cart systems

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There always is a solution – just call us!