



# From „farm to fork“ and everywhere in between



## QuaTIS-Food – The Quality and Safety Management System for the Food Industries, Certifiers and Authorities

Today, consumers have a loss of confidence in the food production, the associated supply chain and the food industry's ability to supply sustainable safe products. That loss has been caused by several reasons, which include major food scares like BSE, use of hormones, pesticide contamination and risks associated with genetically modified organisms (GMO). With products travelling farther between farm and table than ever before, food safety gets a new dimension and impact on public health. It is no longer a local, but a global and worldwide concern.

Food Safety From Farm to Fork - QuaTIS Food is a unique and novel food quality and food safety management system, which provides a new transparency and integrity to the entire food production chain. This integrated solution for the food industry includes pre-defined national and international quality standards (BRC, HACCP, ISO 9001, GMP+, IFS, etc.) as well as the flexibility for the definition of specific and advanced configurations. It is designed to be used by certifiers and producers as well as authorities.

QuaTIS Food can represent the complex workflows and use cases for the monitoring, auditing and certification of food production chains. The representation can be

detailed down to the partner level, including customers, suppliers, producers, labs, auditors, service providers, authorities, etc. Its modular structure and manifold configuration options allow the use for different product types, supply chains and processes in the food industries. The integrated traceability for products and their components across all product lifecycles (production, processing, distribution) complies with the specific laws and regulations for food traceability. All these features address today's food safety issues and allow effective and efficient actions for risk management and enforce the transparency of quality monitoring and check results.

QuaTIS Food implements a completely new approach on how to handle quality management in food production chains from farm to fork to farm again. At the moment there is no such all-embracing and flexible food quality and food safety management system as QuaTIS Food available on the market. QuaTIS Food can deal with all different kinds of products like meat, eggs, milk, fruits, etc., including its dedicated production chains. All other available systems cover only single aspects of the food production chain and/or are specialized on certain product types.

*QuaTIS-Food development was awarded a public funding by the program for Information and Communication Technologies (IUK 012/002) of the Bavarian State Chancellery.*



**QuaTIS-Food is the food quality and safety management system for food industries, certifiers and authorities:**

- **Food Industries**

Tracking and tracing of products across the entire production chain including all parties, components and systems

- **Certifiers**

Handling, management and execution of certification projects for complex production processes, production systems and chains

- **Authorities**

Quality control and monitoring of food and feed for inspection bodies and veterinarians

### QuaTIS-Food Features and Functions

- Project based quality and safety management system for products and production systems
- Extended and flexible configuration features for all product and supply chain related definitions and configurations
- Core configuration for master data like suppliers, product types, events for product types, workflows, users, authorisations, templates for administration and maintaining process instructions (SOPs)
- Monitoring of project activities, time limits, results
- Flexible configuration and definition of rule sets for monitoring, limit violations, ...
- Automated monitoring of lab results in compliance with legal or individual limits
- Workflow and task management
- Scheduling and planning of company audits, resources and skills for inspection bodies
- Tracking and tracing for products, components, auxiliary supplies, raw materials
- Multi language support through translation tables (English, German, French integrated)
- Secure web-access for remote users (auditors, labs, suppliers, ...)
- Management of samples, composite samples, accrued samples and analysis results
- Interface to Lab Information Management Systems (LIMS) for electronic data exchange of analysis and test results
- Extensive reporting features in Excel, Word, PDF, HTML and XML formats
- Certificate Management
- Integrated Document Management System (DMS) with rendering functions for all document types to PDF including full text indexing and search
- Interface for existing Document Management Systems (DMS)
- Accounting system for billing
- User, groups, roles, teams
- Authorization Matrix

- Multi tier architecture
- J2EE
- https
- MySQL/Oracle
- Dual Client (Application/Web)
- Security Device
- Cluster-ready

