

**iMonitor**

**12 features that will  
save you time and  
costs while ensuring  
ongoing compliance,  
with iMonitor's Quality  
Management System  
(iQMS)**





iMonitor's QMS is the intelligent operating system for your production floor, digitising all quality monitoring and production management processes end to end, from delivery of raw ingredients to dispatch of the final product.

By linking real-time monitoring with standardised processes, as a food or pharmaceutical manufacturer you can increase operational efficiency, gain real-time operational insights, and get full visibility of your business's quality, safety, and compliance status.

### **The missing link in quality and production management**

Many food and pharmaceutical manufacturers still rely on paper-based checklists and manual recording as part of their quality management on the production floor. iMonitor's Quality Management System closes this gap by digitising all quality and production management processes. This enables manufacturers to fully digitise their product and operator task management and achieving full traceability of products, processes, and other traceable details, amongst others.

### **The iQMS key features you need**

1. End-to-end traceability	2. Digitised product management	3. Digital supplier management
4. Operator task management	5. Automated workflow management	6. Fully automated monitoring
7. Digital document management	8. Staff training module	9. Audit-ready & customised reporting
10. Real-time production insights	11. User-friendly mobile app	12. Integrates with other software and smart devices

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## End-to-end traceability of products, ingredients, and traceable details

By assigning a batch number for each process or product, iMonitor's QMS provides digitised traceability of products, their sensitive ingredients, and traceable details, such as date of delivery, delivery temperatures and process CCP's, end to end.

### **Comprehensive product database**

The system also allows for the creation of a comprehensive digital product database, including all product ingredients and other traceable details.

### **Scan and print QR codes & barcodes**

You can scan your products via barcodes and QR codes. Compliant with GS1 global traceability standards, the system captures the data embedded within the barcode.

QR codes can also be printed for exact identification of intermediate and end products.

### **Digital asset management**

You can attach the printed QR codes to your assets to identify, track and trace them in your facility.

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## Digitised product management

The digital product management feature helps you completely digitise your product development and manufacturing management. The iQMS allows for managing product differentiators such as gluten-free from the start, and for triggering processes based on these elements.

### **Product development**

You can generate a digital bill of material for the production run by creating digital recipes for each product, including all ingredients and their composition.

The system calculates the correct composition of ingredients for each production run automatically, generating picklists for each stage, and returning a yield calculation.

### **Allergen database**

Within the iQMS, you can also create a comprehensive digital allergen database for all your products.

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## Digital supplier management

The quality management platform's supplier management module allows you to connect digitally with your supply chain.

### **Alert your suppliers**

The system alerts your supplier automatically in case of non-conformances, enabling them to take corrective actions to minimise loss for them and any impact on your business.

### **Centralised supplier database**

Centralise all your suppliers and key contacts in one single database.

### **Digitised supplier checks**

Capture all your deliveries quickly and accurately, making it easy to initiate corrective actions if goods arrive out of spec.

### **Digital supplier validation**

The iQMS enables you to run digital audits on your product suppliers and manufacturers.

### **Supplier performance management**

Real-time data enables you to analyse patterns and trends in the performance of all your suppliers over time.

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## Operator task management

You can eliminate paper-based recording tasks by digitising all your processes, such as critical control point (CCP), operational prerequisite programme (OPRP), prerequisite programme (PRP) and quality checks, on the production floor.

### **Easy-to-use system**

Operators can simply tick off their customised checklists on the easy-to-use dashboard and record information using different field types. This frees busy staff for other important tasks.

### **Digital standard operating procedures**

The dashboard gives your operators instant access to standard operating procedures (SOPs) at each step of the process, facilitating ongoing compliance and quality.

### **Operator guidance**

iQMS intelligently guides operators through the correct steps of the different processes based on pre-defined rules.

### **Suggest corrective actions**

The system assists your operators by automatically suggesting pre-defined corrective actions.

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## Automated workflow management

The system automates your workflow management on the production floor.

### **Digital task scheduling**

The iQMS provides real-time guidance to staff via scheduled tasks and prompt them at the right time.

### **Automated notifications and alerts**

Automated notifications remind staff of upcoming and outstanding tasks, making sure that food safety and quality standards are constantly met and proactively managed.

The system sets off instant alarms to operators and their supervisors via SMS and email in case of critical deviations to enable immediate corrective actions.

### **Supervisor sign-off**

Create unique signature capture steps for each process, product, or batch, ensuring control by a supervisor before the next process step is initiated.

### **Individualised access**

Control who has access to your quality management platform by setting different administrator and operator roles.

### **Calculate time deviances**

Control processes tightly by tracking the times each process step takes. The system alerts you when times cross pre-defined thresholds.

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## Fully automated monitoring

Fully automate your monitoring processes of quality metrics such as temperature, humidity, pressure, or UV-C by integrating iMonitor's platform with IIoT monitoring devices.

### **Critical thresholds**

iMonitor's IIoT devices record any anomalies and set off alerts via SMS and Email in case of critical deviations from pre-set parameters so that you can take immediate corrective actions.

Define different thresholds for each step of your monitoring process and set low and high control limits specific to each product. Assign "low", "medium" and "high" severity levels to corrective actions and initiate automated escalations.

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## Digital document management

Easily digitise your documentation. Maintain key documents outlining the risks associated to all different products and process steps and how to manage these risks regarding your control plan.

### **Version control**

iMonitor's platform enables you to have version control of your documents. Changes to any document need third party approval before they can be uploaded to the system.

### **Digital standard operating procedures**

Digitise all standard operating procedures (SOPs) and link them directly to your processes.

### **Document training**

Trigger training automatically when document versions are updated.

### **Digitised record keeping**

The system enables you to digitise other documentation such as staff sickness or equipment maintenance records.

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## Staff training module

With the help of iMonitor's staff training module you can digitise your staff training management and documentation.

### **Digitised training documents**

The iQMS digitises all your training documents and records. It sets off automatic notifications when staff needs to be retrained. The platform supports external training by maintaining external training records.

### **Individual training needs**

You can define specific training requirements for each role. Have full control of the completion of relevant training needed for operating subsequent processes. Trigger training automatically when document versions are updated.

### **Attach training material**

Attach training material, such as documents, photos as well as rich media like videos.

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## Audit-ready & customisable reporting

The system enables you to generate audit-ready reports customised to the need of your organisation, e.g. by department, group of users or a specific standard.

### **Audit ready reports**

iMonitor's QMS incorporates the concept of ISO 2200 and GMP and is compliant with FDA, European (ESMA), New Zealand and Australian food safety acts (FSANZ) as well as current industry standards such as GFSI. Constant updates to the most recent regulations facilitate ongoing compliance.

### **Analyse patterns and trends**

Analyse trends and patterns of all your processes. Control all your food safety and quality processes in real-time, across multiple sites. Drill down to site KPIs and identify issues that are causing non-compliance to resolve problems more easily.

Have full control on all corrective actions divided into incident type categories. The collation of all incidents and investigations allow your Quality Manager to analyse and prioritise.

Generate customised reports based on incident types, such as non-conformance of suppliers.

Generate batch or process reports and certificate of conformances.

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## Real-time production insights

iMonitor's platform provides you with real-time operational insights on the status of all safety and quality processes, corrective actions, and triggered alarms.

### **Batch status**

The system can give real-time insight into the completion status of each single batch.

### **Time control**

Monitor how much time is spent for the completion of each stage within your manufacturing process.

### **Monitor equipment uptime**

Increase equipment uptime by utilising preventative plans and real-time monitoring.

### **Production planning**

By linking iMonitor's Quality Management System with your existing inventory management system, you can plan your production run based on customer requirements.

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## User-friendly mobile app

Access your iMonitor QMS dashboard from any device, including desktop, laptop, tablet, and mobile phones. The user-friendly dashboard and mobile app give you full 24/7 visibility on all processes in real-time.

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## Supports integration with other software and smart devices

The platform can be integrated with your existing systems such as ERP and inventory management systems.

### **Production planning**

iMonitor's platform can pull information from your existing inventory management system to schedule the production run and can push production information back into the inventory management system to facilitate inventory management.

### **Enhanced data integrity**

Enhance data integrity within your organisation by connecting the datapoints of your different software systems.

### **Our partners**

See the partners we integrate with below.



If you have any questions, you can refer to our [monitoring platform's comprehensive help section](#), contact us via our chat bot, or call us on **+64 (9) 274 7014**



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