WEIGHING CONTROL

**CLOUD-ENABLED
WEB APPLICATION**

**SIMPLE
CUSTOMISATION**

**MANUFACTURER-
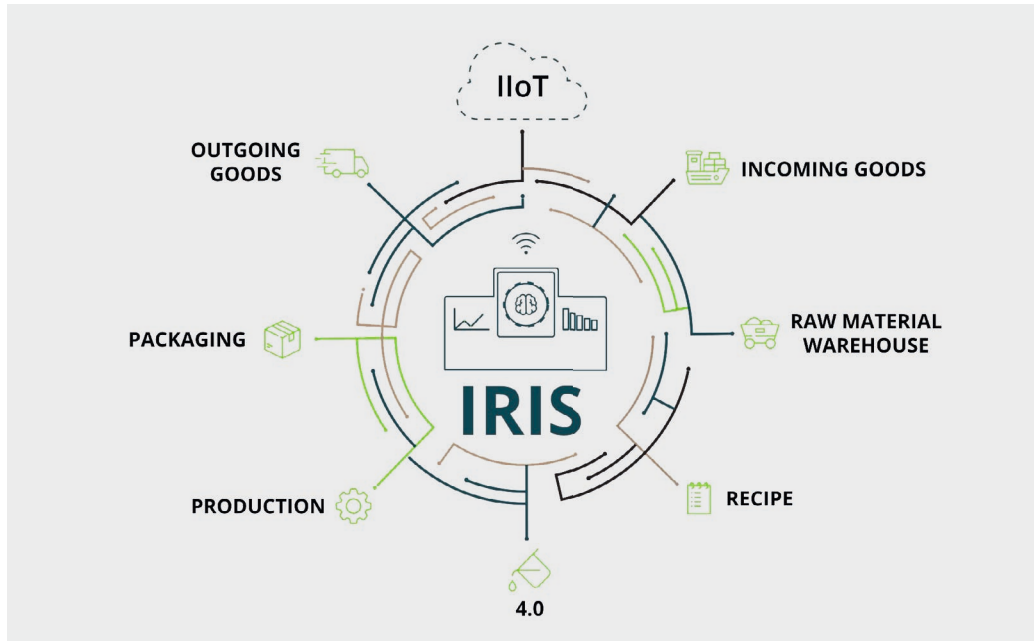INDEPENDENT**

IRIS

Quality assurance 4.0

PERFECTLY NETWORKED

WE DIGITISE YOUR PRODUCTION

Innovative, modular and intuitive: With IRIS, we take your production operation to the next level. Our software platform helps you digitise your processes, network machines and evaluate all data streams in real time. Not only does IRIS work independently of manufacturers, you can also choose between a cloud-based and an on-premise variant, depending on your existing IT infrastructure.

OUR SOLUTIONS

YOUR CHALLENGES

1. Wasting resources
Documentation is made on paper

2. Considerable manual effort
The post-processing of the data involves enormous effort

3. Lack of topicality
Data is not available in real time

4. No networking
An evaluation for cross-line product quality is lacking

5. Inefficient processes
Faults on the line are not recorded

6. Patchy quality assurance
Test cycles are not executed reliably

1. Resource conservation
Enables paperless documentation

2. Relief for personnel
Makes the post-processing of data easier and saves time

3. Always up-to-date
All analysis data can be viewed in real time

4. Cross-line
Monitoring, process optimisation and fault management can be carried out across all lines

5. Highest efficiency
Fast problem detection and evaluation in order to determine potential savings

6. Quality assurance 4.0
Individually traceable inspections and IFS-compliant data recording
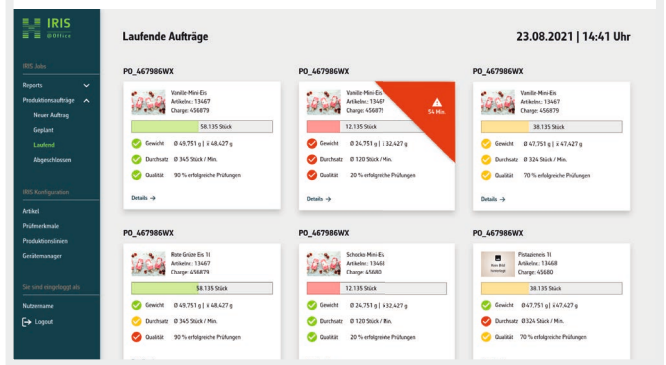
TOP 4 BENEFITS

INTUITIVE OPERATION – ADAPTED TO THE CUSTOMER WORKFLOW

IRIS is characterised by a visual and intuitive user guidance system. Licences, users, articles and orders can be managed very easily. User-specific dashboards provide a clear visualisation of the modules. The customer can combine these modules as per his personal needs and according to his process requirements. **Thanks to IRIS's dynamic structure and the fact that functions can be freely selected, processes are significantly more efficient and workflows are reliable.**
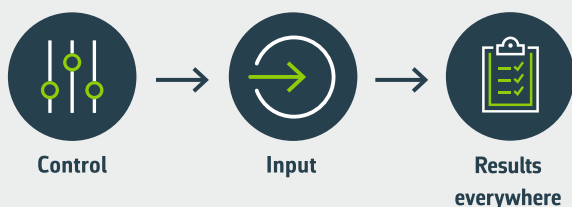
DIGITAL QUALITY ASSURANCE AND PROCESS CONTROL

Whether you are testing in accordance with the Pre-Packaging Ordinance (FPackV) or monitoring a wide range of quality characteristics: **IRIS is the perfect solution for all tasks relevant to quality assurance – across all industry sectors.** Thanks to data transfer and fault management in real time, you will have a permanent overview of your processes and you are therefore able to identify optimisation potential at an early stage.
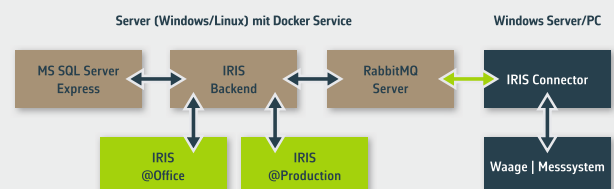
REAL TIME DATA ON ALL END DEVICES

Available at any time and any place. With IRIS as a cloud solution, you can call up all data in real time and be informed about all processes in your production operation – independent of the end device. **Live monitoring allows deviations to be detected immediately and suitable measures to be derived directly – even before the entire batch has been produced.**

Control → Input → Results everywhere

OPEN INTERFACE

You know, satisfied customers really are our top priority. **It doesn't matter whether you are using our systems or those of our market competitors: together we will find the best solution for you.** In line with this approach, our IRIS software is also open to interfaces, can be used arbitrarily with products from other manufacturers and therefore provides you with maximum flexibility.

Server (Windows/Linux) mit Docker Service | Windows Server/PC

MS SQL Server Express ↔ IRIS Backend ↔ RabbitMQ Server → IRIS Connector

IRIS @Office | IRIS @Production | Waage | Messsystem

PLUG AND PLAY

MODULES FOR MAXIMUM FLEXIBILITY

Thanks to the web-based platform and the possibility to combine different modules however you want, IRIS offers maximum flexibility. The software is available with different function packages that can be configured with each other.

FRAMEWORK

The framework forms the basis for setting up all current and upcoming IRIS modules. It includes both the management and creation of articles and users as well as licence management, the device manager and the IOT Gateway | Inticon.

MODULE 1 – MQC

In manual quality inspections, digital quality control for products can be carried out even without appropriate measuring devices (in particular scales) being connected and quality-relevant characteristics such as smell, taste, feel, etc. can be monitored and logged.
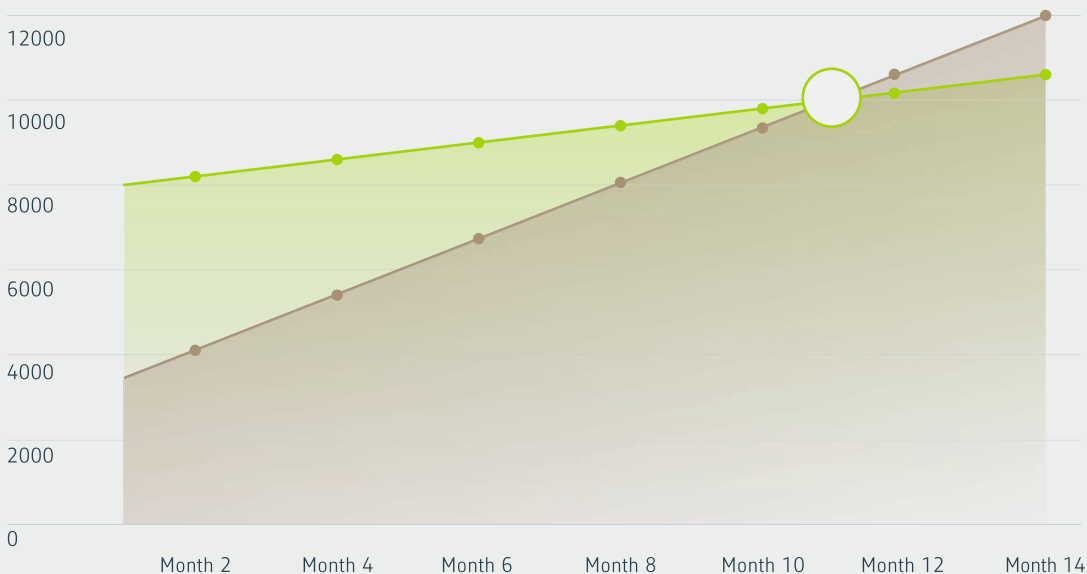
MODULE 2 – SQC

Static weight recording is carried out with the aid of **Höfelmeyer Weighing Systems** and is particularly suitable for inspections to be carried out in accordance with the Pre-Packaging Ordinance.

IRIS IS WORTH IT

The following **Return-of-Investment** calculation shows as of when the investment in IRIS can be amortised and that IRIS is more profitable in the long term than manual data entry.

The calculation is based on the following basic data:
230 working days per year | € 19.00 hourly wage per operator | 4 machines | scales

ROI AFTER 11 MONTHS

- Invest in manual data acquisition
- Invest in **IRIS** data acquisition

THE RIGHT THING
FOR EVERYONE

IRIS usability is outstanding on both a visual and intuitive level. Depending on the person's role in the company, two different user interfaces are available which differ in terms of user rights and input and analysis options: **IRIS @office** and **IRIS @production**. This division enables a user-specific function and information view to be provided in real time. Intuitive and user-specific dashboards make it easy to manage and customise licences, articles, orders, etc.

IRIS @OFFICE

IRIS @PRODUCTION

WHY HÖFELMEYER?

OUR GUARANTEE OF SUCCESS

Right from the start ...

We sell our customers solutions rather than products. To do so, we first take a close look at your company and then we adapt our weigher to precisely meet the needs of your production environment. To the millimetre.

... to the very end!

We won't leave you on your own. We'll help with process integration and show you how to make the most of your opportunities to make your processes digital, more productive and resource-friendly with our innovations.

OUR SERVICES

ALWAYS THERE FOR YOU!

From comprehensive, custom advice to installation, process integration, commissioning and maintenance: We'll be a reliable partner for you for the entire production life cycle – working quickly and smoothly in the spirit of true partnership.

But there's more: We're even happy to help you with your third-party products!

Just ask.

Consulting | Training
Our know-how
for your process

Remote service
Free online support

Repairs | Corrective Maintenance
Straightforward
and fast help

Renting | Leasing
A real investment
alternative

Calibration | DAkkS
To ensure the reliability of
your measurements

Maintenance | Servicing
For long-lasting
products

HÖFELMEYER

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