



— MORE EFFICIENCY
IN LESS TIME

ISIR

INITIAL SAMPLE INSPECTION REPORT



**More efficiency
in less time**

Six steps to perfect initial sampling:

- ① **ISIR creation with nominal values**
 - Speed up your ISIR creation by up to 70%
- ② **Actual Value Capture**
 - Win-win: high data quality for faster data capture
- ③ **Data exchange / Supply Chain Management**
 - Improve your communication in a sustainable way

How to speed up your initial sample inspection reports by 70%

Who has time nowadays to deal with transmission, processing and storage of data? Gain time for genuine quality work and let the eQMS solution work for you. The module ISIR reliably supports you in all your sampling requirements or submittal levels and additionally documents communication between customers and suppliers.

Using the database-oriented system helps you to reduce your file volume, have access to the latest documents and you benefit from a solution that is continuously developed by PeakAvenue.

On the following pages you will find out how the ISIR can speed up your initial sample inspection report, make it more efficient and how to create it in a safe manner.

④

Change Management

› Maintaining an overview of your parts history

⑤

ISIR Management

› Live digitization: database oriented-management

⑥

Analysis

› Increase your efficiency with perfectly clear indicators

Automatically linked

From drawing straight to initial sample inspection report!

Minimize delays

ISIR automatically takes all your digital drawing nominal values, tolerances as well as plant or customer-specific specifications and transfers them to your initial sample inspection report. The data transfer is carried out by our software for you – irrespective which CAD system you use. You are working with hard copies? No problem! OCR character recognition also enables you to process hard copies quickly and easily: Marked characteristics are imported and automatically stamped at an instant. The interactive link allows you to navigate especially fast between characteristic and drawing.

Your advantages

You can process the inspection report and the drawing simultaneously, since the relationship between the characteristics and the drawing is always guaranteed. The drawing can be printed out including item numbers and stamps. Master data from customers, suppliers or products only require to be captured once or transferred from an existing ERP system in order to access it at anytime.

What are we doing differently?

More than just two-dimensional: The 3D PDF permits you to work outside the two-dimensional drawing. Characteristics can be selected directly from the 3D model and transferred to the measuring machine for offline programming.

„We save more than 50% of working hours – and we also avoid potential inadvertent mistakes.“

Matthias Gindele
Managing Director
Gindele Gmb

HIGHLIGHTS

Automated processes speed up process by 70%

Independent from the CAD system due to standardized formats

Linking of characteristics with the model using 3D PDF



High data quality

Maximize the potential of electronic measuring equipment!

Just start

With ISIR, you immediately start your actual value capture with existing interfaces of established 3D coordinate measuring machines. Once you are connected, the program first transfers the characteristics lists to the measuring machine, imports the actual values as a file and allocates them subsequently to the corresponding positions of the inspection report. Of course, you can also enter measured values manually and filter them according to various criteria – for instance, inspection equipment or special characteristics.

Your advantages

Systematically editing deviations: The software checks whether all actual values were captured and whether they are within the tolerance. If necessary corrections are required then specific actions can be defined and tracked.

What are we doing differently?

By means of direct transmission we guarantee high data quality with reduced time expenditure. All measured values can also be displayed separately according to cavities.

**High data quality
and clear overview of
all measuring results**

**Filtering according
to applied inspection
equipment possible**

**Connection of electronic
measuring equipment
and to 3D coordinate
measuring machine**

HIGHLIGHTS

Communication without media interruption

Exchange of documents made easy: on the move digitally with the QC - Supply Chain

Fast and clear

With the possibility of paperless sampling via the QC - Supply Chain, you significantly accelerate communication and coordination between all internal and external parties involved. The structured data transfer allows that all information will only be maintained once by each person responsible.

Your advantages

ISIR assists you in supplier sampling using the QC - Supply Chain and optimized communication: Export the initial sample inspection report to your QC - Supply Chain, where your suppliers can process it directly. This way, all suppliers sample in the same manner – this standardizes and accelerates the process for clear initial sampling.

What are we doing differently?

Exclusive technology: ISIR places a stamp on the associated drawing and makes it available to the interactive web browser of your supplier. This portal communication takes place without additional software installation at your supplier – current documents can be opened and edited from any computer with internet access.



„The optimized communication saves us a lot of time with suppliers as they clearly know what has to be sampled.“

Arthur Wesch
Management QM –
Measurement Technology
Hansgrohe SE

HIGHLIGHTS

Paperless provision via the QC - Supply Chain for direct processing

Interactively stamped drawings available in the web browser

More efficient and faster communication



Automatic comparison

To keep the perspective: Transparency for changes and requalification

Automatically recognized

When importing a changed drawing, ISIR automatically compares the new with the the previous drawing. This ensures that changes become apparent immediately – even sections and views that were moved. By linking it to the Requirements Management, centrally imported requirements and associated changes can be used for multiple parts.

Your advantages

Access to all inspection reports at any time: These are clearly referenced and versioned in the database – even the history of a drawing characteristic is traceable at any time. Recognize trends and take action early. In addition, ISIR summarizes all characteristics information about measurements made by the supplier and control measurements of the customer.

What are we doing differently?

With ISIR you create your change inspection reports or reports for requalification particularly fast, as the manual entry of nominal values is omitted. Thanks to the integrated Action Management you always maintain an overview, when which parts are pending for sampling or requalification.

Direct access to the history of all measurements

Fast creation of change reports without manual capture of nominal values

Automatic comparison with previous drawing and recognition of changed characteristics

HIGHLIGHTS

Quick access

**Traceability with versioned storage
and practical document management**

Versioning included

Changes over the entire history of your sampling can be viewed at a glance. The versioned storage and the consistent characteristics history displays all changes transparently.

Your advantages

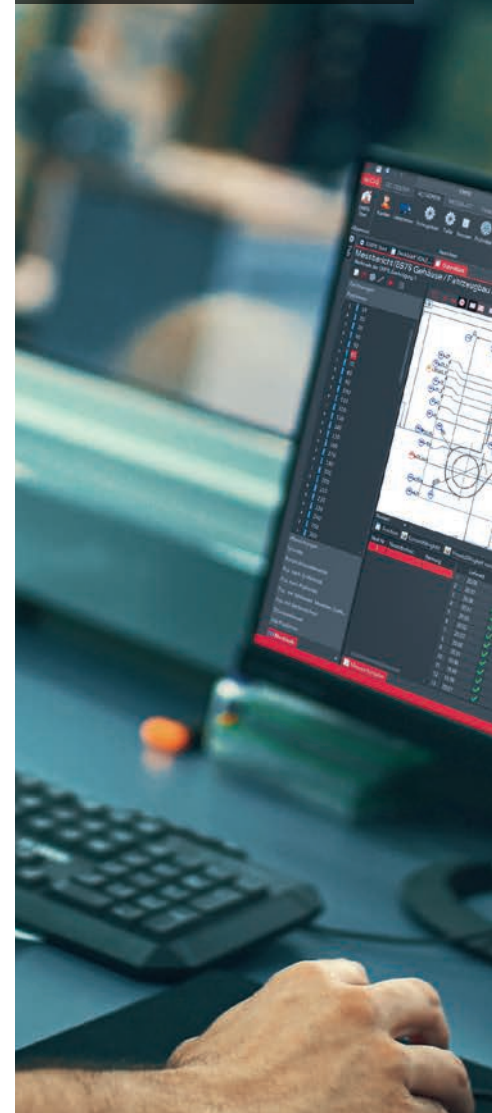
Everything in one place thanks to the document management: all additional documents that are required for the initial sample inspection report, for example material data sheets or image files, can be stored and retrieved in the integrated document management. It is also possible to define different measurement report types – e.g., PPF reports or functional reports – and retrieve them quickly.

What are we doing differently?

With ISIR you are placing your trust in a software with database system, which gives you quick access to versioned initial sample inspection reports. Versioning is done both at the level of the inspection reports and characteristics.

„The versioning of documents enables us to continuously trace the parts history and respond quickly to corresponding customer requests“.

Horst Stamwitz
Manager, Quality Management
Progress-Werk Oberkirch AG



HIGHLIGHTS

**Continuous
digitavlied with
database-oriented
management**

**Versioning for
inspection reports
and characteristics
levels**

**Characteristics
history including
all corresponding
documents**



Analysis with the click of the mouse

Create clarity: how standards and free filters facilitate your ISIR management

Intelligently checked

Evaluate the inspection reports with ISIR according to a variety of criteria, such as all processed inspection reports of a month or all ISIRs pending correction and already implemented ISIRs. The analysis of your sampling will be displayed in a graphic or tabular overview of the current sampling statuses.

Your advantages

Clear project overviews: ISIR enables you to display your projects with a transparent overview of sampling of all associated parts and components of a project. In addition to default evaluations you can also carry out individual analysis.

What are we doing differently?

ISIR allows you to monitor all relevant information at a glance! The central database provides extensive possibilities for a variety of statistical evaluations – fast and reliable. You also have access to the representation of short-term capability or preliminary process capability with ISIR. Perform further statistical evaluations in qs-STAT with simply created DFQ files.

**Determination
and graphic
representation
of indicators**

**Evaluation in line with various
criteria, e.g. according
to Q characteristics,
deviations, cmk and cpk**

**Output
to
qs-STAT**

HIGHLIGHTS



Modular combinable eQMS

Excellent benefits for your quality assurance

Multiply the benefits of ISIR with the built-in functions of the PeakAvenue eQMS. The initial sample inspection report works closely with the Quality Center modules Requirements Management, Inspection Equipment Management, APQP and parts history. Embedded in the control loop, you reduce costs, avoid repetition errors and quality fluctuations!

Each eQMS module brings along the following:



Perfect system integration

Interfaces for all current systems such as PPS/ERP, BDE/MDE/MES, CAD, MS Office, Q-DAS. Electronic measuring equipment can be easily integrated.



Central data management

Modules allow you to access the exact data pool. Incorrect multiple entries is avoided and new information is available in real time.



Process orientation

All modules support the requirements according to ISO 9001, DIN EN 9102, VDA, IATF 16949, AIAG, FDA and QDX.



Online application

Information has to be accessible anywhere and at any time. Appropriate online connections accelerate communication.

Arrange a consultation appointment now!



Do you require additional information about ISIR? We are happy to answer your specific questions – arrange an individual appointment today.

<https://www.peakavenue.com/contact>

eQMS modules:

- ✓ Requirements Management
- ✓ APQP
- ✓ Feasibility Study
- ✓ FMEA
- ✓ Inspection Plan/Control Plan
- ✓ SPC/Inspection data acquisition
- ✓ SPC/Control Center
- ✓ Incoming / Outgoing goods inspection
- ✓ Initial Sample Inspection Report
- ✓ Inspection Equipment Management
- ✓ Complaints Management
- ✓ Supplier Evaluation
- ✓ Audit Management
- ✓ Analyse Center
- ✓ Action Management
- ✓ Competence Management
- ✓ QC - Supply Chain



Integrated workflow

Deadline reminder, credit control and resubmittal via email support your processes and enable high efficiency in production runs and document circulation.



Global deployment

The eQMS solution supports working across different time zones and can be internationalized easily due to the multiple language capability.



Active drawing integration

Cross module integration of 2D drawings, 3D models or OCR for scanned drawings.



Individual interface

The integrated plug-in technology allows you to organize the user interface according to your needs.

> **We will make time for you!**

Experience what our eQMS solution can do for you on your premises or on the internet.

You will be surprised how perfectly our modules interact with each other and how excellently they integrate into your IT landscape as well as your processes.

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