

A Major Milestone for “Quality Made Simple”:

QualityXpert® optimizes quality control in real-time

Leonberg, April 19, 2017 - With the latest version of QualityXpert®, InspectionXpert Corporation and K2D-KeyToData GmbH introduce the "Next Generation of Quality Management Software" at Control 2017.

"We are really delighted, that this milestone of quality control is now just ahead of the final release", emphasizes Jochen Layer, CEO of K2D-KeyToData GmbH. The new cloud-based version of the shop-floor quality system was intensively tested by 60 small and large companies.

"For those who want shorter and more flexible production cycles, there are few alternatives than using this modern tool from InspectionXpert Corporation. Finally, it is possible with this highlight, to reduce time and cost of production in a striking manner", Layer says. - "The goal of InspectionXpert Corporation was to create an innovative, cross-platform-software for PC and tablet, optimized for shop floor, which combines all the essential areas of quality control and optimization of quality processes. Naturally this software had to be web-based".

A powerful combination: InspectionXpert® OnDemand and the software Innovation QualityXpert®

A combination of the software solutions InspectionXpert® OnDemand and the brand-new QualityXpert® enables companies to work paperless from inspection drawing to the inspection report and process analytics. Processes are continuously optimized allowing the highest manufacturing quality to be reached. *"Automating the creation of ballooned drawings and inspection plans become self-evident", says Layer. InspectionXpert® OnDemand streamlines the generation of these from PDF drawings as well as native 2D & 3D CAD files: "The created inspection plans can then be published seamlessly to QualityXpert®".*

QualityXpert® in Detail

QualityXpert® is a revolutionary web-based in-process inspection software that can be used on PCs and tablets for powerful and fast quality inspections. Inspection Planners, Field Service Organizations, Machine Operators, Quality and Production Managers can create inspection plans, capture measurements and report results in real time. Improved visibility enables more effective monitoring of critical manufacturing processes over time and improves quality decisions based on accurate and timely empirical data. The key focus of QualityXpert® development is the essential tools for real time manufacturing quality management;

- Process flow diagram, PFD, pre-populated from inspection characteristics**
- Process failure mode effects analysis, PFMEA pre-populated from PFD & inspection characteristics**
- Control plan, CP, pre-populated from PFMEA, PFD & inspection characteristics**

QualityXpert® establishes traceability; any time a part's measurement data is saved, the operator's name, plus the date and time are captured. Additionally, when a part is measured as a nonconformance a configurable drop down appears which includes the option to set the criteria for mandatory entries such as Assignable Cause, Comment and Corrective Action.

These capabilities will help save time, reduce errors and ensure tighter version control. Reducing costs, including labor, rework, scrap and escapements, and speed production.

InspectionXpert® OnDemand in Detail

Today, our company's software products are utilized across all the mission-critical manufacturing industries (aerospace/defense, medical device, oil & gas, automotive and heavy industries) and we are used by major OEMs as part of their enterprise quality automation platforms, supply chains and job shops.

InspectionXpert® OnDemand now combines both PDF and CAD data into a single state-of-the-art and powerful product. Continuing our legacy of developing quality automation solutions that provide substantial time and cost savings through automating the inspection process.

- Create inspection / technical data packages from PDF, TIF, DWG™, Catia®, NX® and Creo® files with a single interface and save within a single inspection project**
- Accurate recognition of GD&T feature control frames from PDF drawings**
- Easily undo changes with Undo/Redo**
- Easy to use, "Heads-up" interface with time-saving features**
- Standard integrations to QualityXpert® and Verisurf®**

Use InspectionXpert® OnDemand to create AS9102, PPAP or custom reports to meet your quality inspection reporting needs or your customer's requirements. Capture results from hand tools and gauges to instantly see out of tolerance conditions. Import results from any CMM and correlate with print dimensions for instant reporting with no manual data entry.

Experience QualityXpert® and InspectionXpert® OnDemand live at Control 2017

We would like to extend an invitation to the visitors of the Control 2017 to stop by **Hall 6, Booth 6204** and we will be glad to answer your questions about InspectionXpert® OnDemand and QualityXpert®. Visitors are invited to participate in live demonstrations witness firsthand just how easy the InspectionXpert products allow you to work in a paperless environment from the inspection drawing to the inspection report – and this in minutes!"

In order to avoid waiting times, K2D-KeyToData GmbH recommends to arrange appointments in advance. Simply choose a preferred appointment <https://calendly.com/jochenlayer/control-2017>, call +49 (7152) 94530 or send an e-mail to info@keytodata.com.

Specialist Lecture: 21st Century Productivity Quality Solutions

On May 12, 2017, from 12:20 - 13:30, an interesting lecture will take place in hall 7, booth no. 7526: "21st Century Productivity Quality Solutions. From Part Inspection to Quality Analytics and Compliance."

Presented by: James Barnes, Verisurf Inc.