What’s new in Opcenter Quality 13.2
Supporting quick and efficient planning processes for incoming and outgoing goods inspections

Benefits
• Support quick and efficient planning processes for incoming and outgoing goods inspections
• Enhance complaint management process by collecting all relevant data
• Boost FMEA capabilities for an optimized risk assessment
• Increase VDA requirements support for production process and product approval
• Improve usability for gage management
• Simplify audit assessment for supporting VDA 6.3 requirements

Summary
Opcenter™ Quality software is a multilingual, cross-industry quality management system (QMS) that complies with international quality standards, such as the International Organization for Standardization (ISO) 9001:2015, International Automotive Task Force (IATF) 16949:2016, Automotive Industry Action Group (AIAG) and German Automobile Industry Association (VDA).

Opcenter Quality is a process-oriented, modular system that enables you to manage complexities for planning, controlling and monitoring processes and corporate quality. Opcenter Quality, which is a part of the Xcelerator portfolio, the comprehensive and integrated portfolio of software and services from Siemens Digital Industries Software, helps you support all of the quality-relevant processes required in production.
Using Opcenter Quality Control enables you to pair the comprehensive digital twin with features in Teamcenter® Quality software in real-world production. Using Opcenter Quality Control supports all quality-relevant processes on the shop floor. This starts with the simple documentation of inspection results, includes the control of production processes and supports the necessary processes that are carried out in the case of deviations. This can even include adapting inspection specifications to production conditions.

Streamlining processes for incoming and outgoing goods inspections

Opcenter Quality 13.2 supports a standard acquisition layout for tablets for incoming goods control and production inspections, including statistical process control (SPC) and final inspections.

A special function has been added that allows you to adjust the screen for tablet resolutions. The layout for incoming goods control is also available with the combined view of chart and drawing to improve the usability for an inspector.

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**Features**

- Support standard acquisition layout for Opcenter Quality on tablets
- Enhance inspection controls with direct creation of nonconformance regulations
- Optimization for process FMEA 4M types
- Use Opcenter Quality APQP module to align with VDA’s “Securing the Quality of Supplies Production Process and Product Approval”
- Opcenter Quality Gage Management (Calvin) module for instruments maintenance
- Standard reports for fulfilling VDA 6.3 audit requirements

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Figure 1. Support standard acquisition layout on tablet for incoming/outgoing goods control and the Statistical Process Control web module.
Enhancing the complaint management process

Furthermore, the Opcenter Quality Statistical Process Control web module offers a method for creating internal complaints. After saving an inspection step with a negative result, the action/cause dialog opens automatically. The user can select a defect.

If a user doesn’t select a defect but wants to create a follow-up action on the dashboard, he/she can add a defect and then define a new action as well. All information is available in the Opcenter Quality Concern and Complaint Management (CCM) module.

Boost FMEA capabilities for an optimized risk assessment

Using Opcenter Quality 13.2 helps you support the replacement of legacy systems step-by-step without losing data and enabling knowledge transfer into the software.

It is possible to import and export Failure Modes and Effects Analysis (FMEA) translations using MSRFMEA and XML. Exporting FMEAs has been further optimized. It is available for the MSRFMEA format in a batch process, which means all selected FMEAs can be exported with one click.

With the latest version, the MSRFMEA import routine recognizes 4M (material, method, machine, man) categories for each system element name and assigns corresponding 4M properties to system elements.

These 4M categories are now also exported to the control plan. That means when FMEA contains 4M types, the system imports all levels into the control plan including the 4M types. However, the user can decide to see these attributes in their control plans. That’s why it is possible to hide all 4M headers by additional menu switches. When the menu switch is active, 4M types are hidden.
In the latest version, a new property on FMEA function objects has been introduced. Now it’s possible to change the type of characteristics.

Prior this version, the defined characteristics in the process FMEA were automatically related to the process type, and in the same way the characteristics assigned in the design FMEA were automatically related to the product characteristics.

It is now possible to assign a characteristic standard type to the function and/or to the characteristic independent of the FMEA type. In the menu, it’s possible to select for each characteristic if it is a product or process type.

**Increase VDA requirements support for production process and approval**

The current release will provide additional optimization of the process to fulfill the VDA 02 (2020): “Securing the Quality of Supplies Production process and product approval (PPA).” In the master checklist, a functionality is now available to split items into product- and process-relevant items to evaluate them separately. The assessment is enhanced for product and process in each checklist (based on the green, yellow and red column).

If the advanced product quality planning (APQP) checklist action is related to the Opcenter Quality Portal, the user can assign an internal person (the field is called “review by”) so the user needs to make an assessment/grading when the action is closed by the supplier.

![Figure 4. New property on FMEA function objects related to inspection characteristic for the control plan.](image)

![Figure 5. Optimization of the process to fulfill the VDA 02 (2020).](image)
Improve usability for gage management

The improved features of Opcenter Quality 13.2 include specific user capabilities in the Opcenter Quality Gage Management (Calvin) module. To enable gages to be inspected at different intervals and with different inspection variants, a maintenance plan can be stored in the inspection plan. When inspecting with this plan, the system recognizes the maintenance plan when the inspection is created and always selects the next entry in the maintenance plan based on the last inspections.

Simplified audit assessment for supporting VDA 6.3 requirements

An important enhancement in Opcenter Quality 13.2 is related to the Audit Management module based on the smart client.

With the latest version, the specific reports to process audit VDA 6.3 are supported. The user starts with the audit cover page, then he/she can navigate the first important report. The potential analysis seeks to determine if a supplier can provide the required products or processes before a new supplier is chosen.

A potential analysis applies also if an existing supplier has a new plant or technology in place.

The reports contain following information:

- Part 1: General audit information, audit goal, audit team, and recipient
- Part 2: Audit goal, audit result, and summary
- Part 3: Audit findings

Figure 6. It is possible to manage the maintenance plan for inspecting gages with different intervals.

Figure 7. View of the specific reports to process audit VDA 6.3.