

# ORACLE QUALITY INFORMATION DISCOVERY



**Oracle Quality Information Discovery** is a new revolutionary information discovery application from the Oracle E-Business Suite Information Discovery solution set. It allows Quality Analysts, Shopfloor Managers and Production Control personal to quickly explore and analyze product and process Quality data within E-Business Suite, identify nonconformance sources, investigate the root cause and take corrective action, near real time

*“Highly Productive, Modern User Experience, Faster Information Discovery & Analysis and Guiding Users to Better Decisions on Diverse and Changing Information.”.*

**KEY BUSINESS BENEFITS**

**Meet Manufacturing Quality standards**

- Quickly find and resolve non-conformances as they arise.
- Discover Process, Product & Product Lines that are not performing up to required standards and take corrective action early.

**Improve manufacturing operations efficiency and reduce business risk**

- Establish early control on manufacturing quality deviations and prevent costly recalls to save company reputation.
- Provide superior insight into product / process defects and corrective actions taken for quality analysis.
- Search through past corrective actions to take informed decision on new Quality issues.

**Increase manufacturing yield and reduce cost**

- Enable early identification of quality non-conformance where the full extent of the issue is not understood.

**Revolutionary Search for Quality information**

Oracle Quality Information Discovery is an exciting new innovation that allows E-Business Suite Quality data to be discovered and analyzed by Quality Analysts, Shopfloor Managers and Product Control personals in a manner that was never done before. It eliminates the need to navigate through multiple forms to piece together the Quality information. It offers an optimized user interface that provides a superior experience for exploring enterprise quality data. In order to achieve high manufacturing operations efficiency and to reduce costs, it is vital for the Quality analysts to have real time information about the Quality control processes. Oracle Quality Information Discovery provides a real time view of the Quality data collected across all collection plans across organizations that the user has access to. It empowers the Quality analyst to establish an early control on the manufacturing quality deviations and take corrective actions early, thereby improving the manufacturing Quality standards, reducing business risk and managing manufacturing cost overruns.

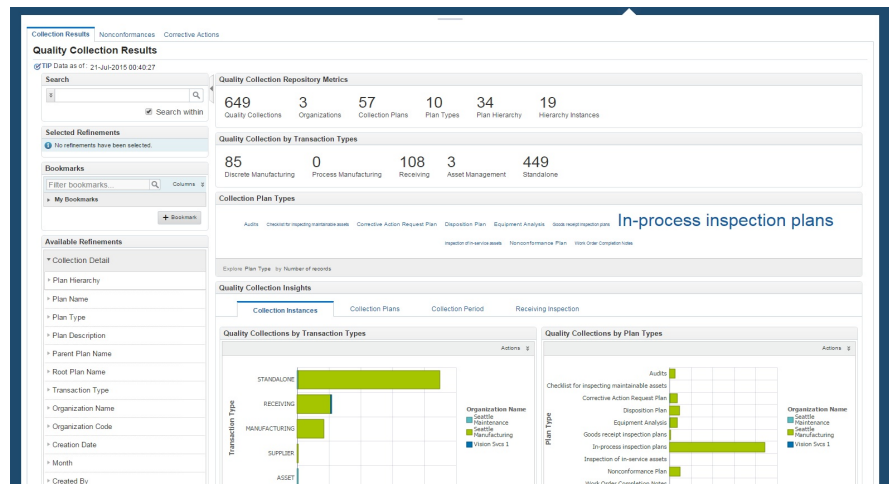


Figure 1. Quality Collections 360 degrees overview.



- Assist with root cause and corrective action management to prevent reoccurrence of quality issues.

**KEY FEATURES**

**Advanced Search on Quality Data**

- Search and refine quality results using collection elements, both seeded and user defined.
- Search across quality collection plans and hierarchies.
- Search across all quality organizations.
- Search both structured and unstructured quality data.

**360 Degrees view of Quality Information**

- Enhanced insight into Quality collection tests and inspection results.
- Enhanced insight into product nonconformance sources, disposition and corrective actions.
- Nonconformance and disposition cost impact analysis.
- Visualization of the estimated and actual corrective action costs.
- Integration with Oracle Discrete Manufacturing Information Discovery providing seamless view of near real time Manufacturing Quality.
- Integration with Quality workbench for managing quality collections and performing quick actions.
- Easily configurable custom user interface pages for visualizing custom Quality collection plan insights.

**Modern Technology with Mobility**

- In memory technology platform.
- Guided navigation for Quality information discovery.
- Structured and unstructured text data discovery.

**360° View of Quality Information**

Oracle Quality Information Discovery provides simple and intuitive data discovery and analysis capabilities on the Quality data collected either in standalone mode or across the different transactions like Asset, Process, Manufacturing and Receiving, that Oracle Quality application integrates with. It provides unique, easy to use powerful search, data discovery capability for Quality analysts to instantly find answers to ad hoc questions that are otherwise difficult to answer. For example,

- How many nonconformance have been reported for an Item across different organizations and for various defect types?
- Which user owns the most number of high severity nonconformance?
- What are the corrective actions that have been taken to avoid recurrence of a high number of scraps and improve yield on a production discrete work order?
- What is the estimated cost and their breakup incurred for all nonconformance reported for an Assembly and the dispositions taken?
- How does the supply quality of a purchased item from one Supplier compares with that of another Supplier?

In the traditional search using Quality workbench, the user would need to specifically know the exact search criteria on what they were looking for. In addition, this search is limited to one organization at a time. Further it is restricted to the seeded collection elements for search criteria. The revolutionary search interface guides the Quality analyst to visualize the Quality issues in real time and take immediate corrective measures. The extension offers the Quality analysts a shopping type user experience to explore all Quality data through structured as well as unstructured searches across all the elements, seeded and user defined, across all plans and across quality organizations. The new dynamic and modern user interface guides the user towards discovering answers to questions of specific interest faster, in the context of managing overall Quality.



Figure 2. Quality Information Discovery Overview

**PRODUCT NAME**

Oracle Quality Information Discovery.

**RELATED PRODUCTS**

- Oracle Quality.
- Oracle Discrete Manufacturing Information Discovery.

**RELATED SERVICES**

The following services support Oracle Main Product:

- Oracle Consulting.
- Oracle Community.

**Modern Technology with Mobility**

Oracle Quality Information Discovery leverages the cutting edge technologies, such as in memory data discovery, type ahead Google like search across all collection elements, interactive summary charts and tag clouds, guided navigation for data exploration and refinements, results presented in rich modern user interface that can be used for custom report generation, with mobility that can significantly improve manufacturing operations efficiency, and reduce cost.





**Fully Integrated with Oracle Quality**

Oracle Quality Information Discovery seamlessly integrates with Oracle Quality and provides a rich user experience for Oracle Quality users. The application provides a navigation gateway for the users to the existing Quality workbench to take necessary actions quickly. The integration honor the Organization access data security configured in E-Business suite as well as the Collection plan security defined in Oracle Quality.

**CONTACT US**

For more information about Oracle Quality Information Discovery visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.

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