Note: 000073

Overview

Number	**000073**
Description	**Automated Test Scenarios - Quantity Conversion Compliance Control**
Version	**1 from 03.08.2017**
Status	**Released to Customer**
Language	**EN**
Responsible	**John Mantle**
Product	**BCS**
Category	**Consulting & Configuration**

Symptom

How can I ensure that my productive system quantity values (a form of <u>financial value</u>) are always in compliance with my petroleum and gas measurement standards?

Cause

N/A

Solution

QuantityWare delivers a powerful "Governance, Risk, Compliance" and Security instrument - the automated "Test Scenario" tool.

When do I get ROI...?

ROI delivery is throughout the entire life-cycle of an SAP Oil & Gas system - not just during the project in which the tool scenarios are implemented. Benefits are gained:

- during (current and future) project implementation

- at project go-live
- at every system maintenance action
- when new products are adopted
- when standards change (faster adoption and analysis)
- during audits
- during security events
- for GRC purposes
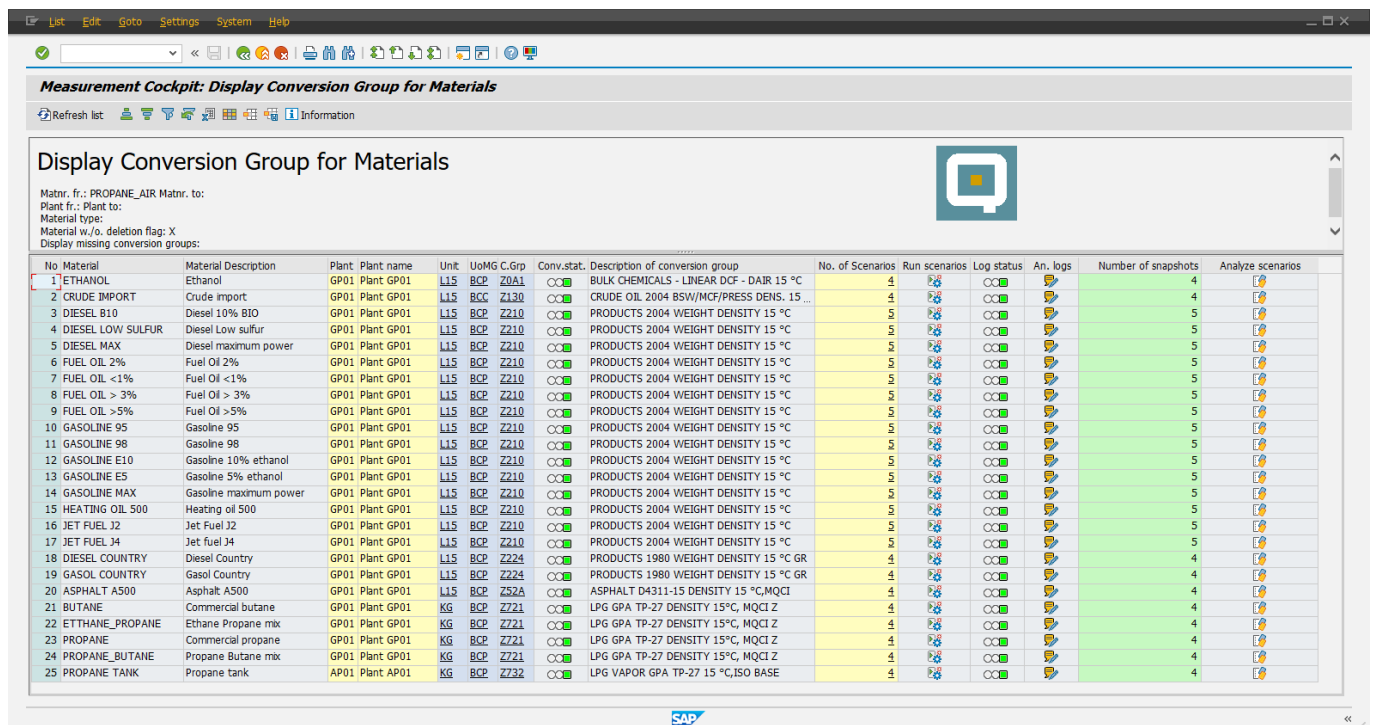- for all actions promoting system transparency

How does it work?

Automated Test Scenarios are full-blown quantity conversion calculations that are easily defined via the Petroleum or Gas Measurement Cockpit (PMC / GMC). They run periodically in all relevant systems, without having any influence on your business process execution, but deliver valuable information regarding the consistency of your system configuration; especially important in production systems and complex production system landscapes.

What does it deliver?

Leveraging this tool, you ensure that your organization's quantity conversion results for all bulk products are always running as they were defined during your implementation project. As QA activities were applied at that stage, the repeated runs prove that (at the end of the business process) your dependent financial values are correct and compliant with your measurement standards.

Monitoring Test Scenarios is performed via one central PMC or GMC list - just check the "traffic lights":

If an Error is reported - what then?

Automated help! If a Test Scenario reports an error, who ever checks the output simply pushes the "Analyze scenarios" button and immediately obtains a comprehensive list clearly showing which piece of configuration has changed, and is thus responsible for causing the error - whether by accident (quality value) or intent (GRC value).

Another benefit is that Complex "Production Debug" procedures are not required for such error-related activities, saving time and organisation effort.

In the case of support issues regarding suspected "Calculation Errors", the same tool must be used when reporting to QuantityWare, allowing productive issue analysis without productive system clearance and access having to be arranged for QuantityWare support agents.

OK, but it's "only" quantities...

The appreciation that every gallon, kilogram, pound, cubic metre, etc. of product can simply be represented by a Dollar, Euro or (insert your accounts currency here!) -value is often not apparent to many people fighting the daily complexities and challenges of a business environment.

As we state:

$$(\text{Product Quantity} \times \text{Product Price}) - \text{Costs} = \text{Profit}$$

Thus, QuantityWare strongly recommends that you define Test Scenarios during your implementation project or as an additional compliance measure to completely ensure the correctness and compliance of your financial results. Comprehensive financial audits of bulk-materials-processing companies also should include a material audit, including validation of the calculation standards used.

Where can I find out more?

Ask your Certified QuantityWare consultant or project advisors about the creation of Test Scanarios and to walk-through the "Test Scenario" steps and effort guidelines as defined in our PAIG (Project Assessment and Implementation Guidelines) for the product you are implementing.

Further techncial information about Test Scenarios can be found in the BCP or BCG 3.0 Test Manual, which is available in the Knowledge Base on the QuantityWare Website.

Transport Reference

No SAP-based transport

Validity

SAP Release	From SP	To SP	In SP Shipment
ECC600	BCP 10B CSP01	ALL	ALL
S/4 HANA	ALL	ALL	ALL