

## Note: 000099

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### Overview

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| Number      | 000099   |
| Description | Advanced Development (AD), Generic Customer Development (GCD) and Specific Customer Development (SCD) - Definition |
| Version     | 5 from 07.08.2024  |
| Status      | Released to Customer   |
| Language    | EN   |
| Responsible | Markus Seng  |
| Product     | BCS  |
| Category    | Documentation  |

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### Symptom

Customers wish to understand the differences between Advanced Development (AD), Generic Customer Development (GCD) and Specific Customer Development (SCD).

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### Cause

New requirements raised by customers for BCS inclusion - continuous improvement options & solution execution methods.

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### Solution

There are four different procedures through which customer requirements can be solved: Continuous improvement development via CSP delivery ([every second year](#)), Advanced Development (AD), Generic Customer Development (GCD) and Specific Customer Development (SCD).

- An AD is suggested for the requirement
  - if a new measurement standard version is released, which requires a new BCS implementation **or**
  - if a customer requirement can be traced back to a new national or international measurement standard
  - if seamless integration of the requirement into existing BCS quantity conversion models is possible
  - if the development is required earlier than the [planned next CSP](#) availability
- A GCD is suggested for the requirement
  - if the customer requirement cannot be solved by configurations of existing BCS quantity conversion models
  - if it requires complex/specific quantity conversion model extensions, e.g. for "hard coded" UoM, achieved by specific Z\*\*\* ABAP functions
- A SCD is suggested for the requirement
  - If the customer requirement contains customer IP that cannot be shared with any other party
  - if it cannot be solved by configurations of existing BCS quantity conversion models
  - if it requires complex/specific quantity conversion model extensions, e.g. for "hard coded" UoM, achieved by specific Z\*\*\* ABAP functions and/or Z\*\*\* configuration tables

## 1. Advanced Development (AD) – Definition & Procedure

With an Advanced Development (AD), new QuantityWare BCS ABAP functions are delivered via a QuantityWare note and an associated transport.

- The note must be installed into the customer system landscape as described in [note 000067](#), which will list the AD note, once released.
- A [certified BCS consultant \(QWCC\)](#) then follows the configuration instructions defined in the AD note, to configure the new MQCI and/or SAP QCI template conversion group(s).
- Once completed, a copy of the new template conversion group(s) is made by the QWCC, which may then be configured for additional requirements as defined in the [PAIG documentation](#).
- Once the solution is implemented, it must be thoroughly tested and approved by the customer.
- Customer specific [Test Scenarios](#) for this configuration must be created in the customer system.
- Since the requirement has been classified as AD, no development costs will be charged to the customer by QuantityWare.
- ADs will be shipped with the associated template extensions in the [next relevant QuantityWare CSP](#).

## 2. Generic Customer Development (GCD) – Definition & Procedure

With a Generic Customer Development (GCD), configuration steps for new MQCI conversion group(s) and Z\*\*\* ABAP function module code are suggested for definition in the customer system. Additionally, configuration steps may be suggested based on existing configuration settings, that are available in the

QuantityWare BCS template (client 045).

- The solution must be implemented by a [QuantityWare-certified consultant \(QWCC\)](#)
- Customer specific [Test Scenarios](#) for this configuration must be created in the customer system.
- The solution will be announced by a QuantityWare note.
- The solution will be delivered to the QWCC via a dedicated area in the QuantityWare Support Portal - Data Lounge in the form of a PDF document. This document contains all required configuration steps and example Z\*\*\* ABAP function code. It will be available to all QWCC. They may make use of the example solution to fulfill future requirements raised by other customers as well. For this reason, customer development costs will not be charged to customers.
- Once the solution is implemented, it must be thoroughly tested and approved by the customer.
- **Important:**  
If issues arise after testing and before approval by the customer, the QWCC must manage the support issue resolution process from the customer side, however resolution of any such “out of specification” issues may not be possible and QuantityWare gives neither guarantees for, nor implicit support of, the resolution of such issues.
- **General release rule:**  
If three or more customers require a GCD solution and if such a solution is successfully implemented at three or more customers, a GCD may be transferred into a QuantityWare BCS standard solution.

### 3. Specific Customer Development (SCD) – Definition & Procedure

With a Specific Customer Development (SCD), configuration steps for new MQCI conversion group(s) and Z\*\*\* ABAP function module code and/or Z\*\*\* configuration tables are created and delivered to the customer. Additionally, configuration steps may be suggested based on existing configuration settings, that are available in the QuantityWare BCS template (client 045). The customer must deliver a detailed specification for the development that must be agreed with QuantityWare before development begin.

- The solution must be implemented by a [QuantityWare-certified consultant \(QWCC\)](#)
- Customer specific [Test Scenarios](#) for this configuration must be created in the customer system.
- The solution will be not be publicly announced.
- The solution will be delivered to the QWCC via a dedicated area in the QuantityWare Support Portal - Data Lounge in the form of a CTS transport and/or PDF document. These media will contain all required configuration steps and customer name-range (Z/Y)\*\*\* ABAP objects. It will be made available to a specific QWCC. This solution may only be used by the customer that ordered it. For this reason, **this is a chargeable service**.
- QuantityWare retains the Intellectual Property rights of such a development and may provide similar solutions for other customers.
- Once the solution is implemented, it must be thoroughly tested and approved by the customer.
- **Important:**  
If issues arise after testing and before approval by the customer, the QWCC must manage the support issue resolution process from the customer side, however resolution of any such “out of specification” issues may not be possible and QuantityWare gives neither guarantees for, nor implicit support of, the resolution of such issues.

Note: [FAQ New Development](#) provides additional information on the topic of new developments.

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## Transport Reference

No SAP-based transport

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## Validity

| SAP Release | From SP       | To SP | In SP Shipment |
|-------------|---------------|-------|----------------|
| ECC600      | BCS 3.0 CSP03 |       |                |
| S/4 HANA    | BCS 3.0 CSP02 |       |                |