

Standard Application for Quoting Complex Products and Services

Configit Quote provides product selection, configuration and pricing with the power of SAP and the usability of Microsoft Office 2007.

Architecture

Configit Quote gets information about configurable materials (KMATs) and prices from SAP in a package that is created by Configit Server (see separate product sheet). The Server component uses RFCs to extract this data.

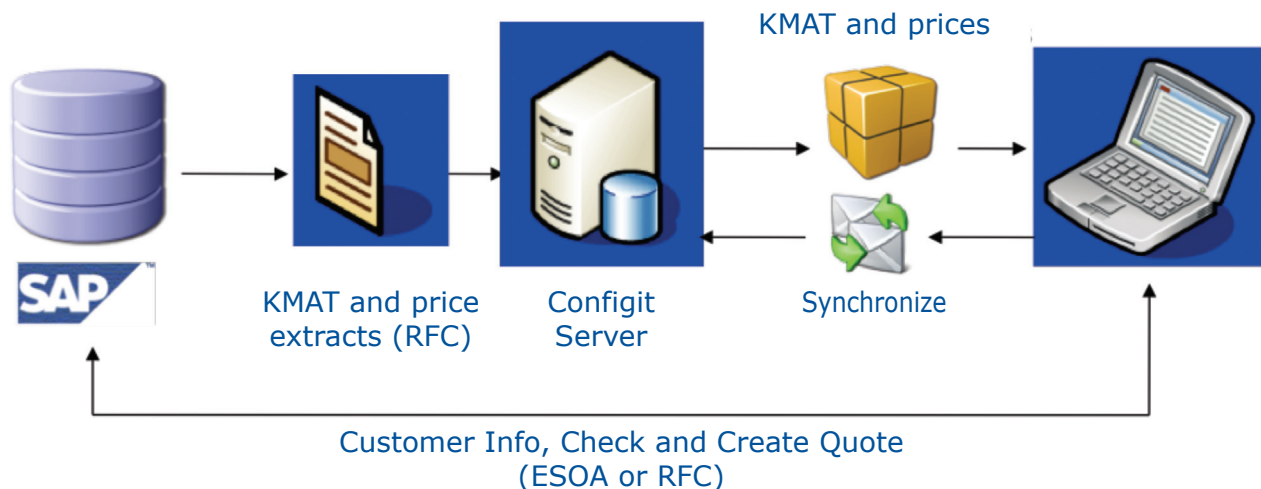
The integration between Quote and SAP can either be through using SAP Enterprise Services or using RFCs (specific requirements are listed below).

Customization

Quote can be customized at several levels, requiring different levels of programming skills

1. Company logo, default quote texts, default values for quote parameters (currency, sales org., etc) can all be modified without any programming.
2. The layout of the quote (requires basic modifications in XML files)
3. New quote templates (requires understanding of the description of flow documents in XAML)
4. Quote can be extended with new plug-ins, e.g., a custom product selector. This requires programming skills in C#

Architecture



System Requirements

Configit Quote runs on all editions of the following Microsoft platforms: Windows XP, Windows Vista and Windows 7 [when released], both 32- and 64-bits versions (x86, x64 and ia64 architectures). Besides the Windows operating system, the computer must have The .NET Framework version 3.5 SP1 installed (which was distributed through Windows Update on January 2009).

No special hardware requirements. 1 GB of RAM is recommended.

SAP Requirements

Configit Quote can integrate with SAP ECC to lookup customer information and create quotes. All recent version of SAP ECC are supported: SAP R/3 4.6C, SAP R/3 4.7, SAP ERP 2004 (ECC 5.0) and SAP ERP 2005 (ECC 6.0). Quote has been certified by SAP for integration with SAP ECC 6.0 EhP3 via the SAP integration scenario ESOA-BUNDLE 1.0 - Quote to Order for Configurable Products.

The integration is either through the SAP Enterprise Services (ESOA) or remote function

calls (RFCs). The ESOA integration, which has been certified by SAP, requires SAP ERP 2005 with Enhancement Pack 3 (ECC 6.0 EhP 3). The RFC integration works with all SAP versions listed above.

To use the SAP integration, a SAP username and password must be provided.

Configurator capabilities

The configurator in Quote accurately mimics the behavior of the SAP-VC configurator. The following constructs from SAP-VC are supported:

- Numeric and symbolic characteristics, both single-valued and multi-valued, both restrictable and non-restrictable and with or without additional values set to true. Reference characteristics mapping to the tables SDCOM and SCREEN_DEP are supported.
- Short and long texts in multiple languages on characteristics and values.
- Pre-conditions on both characteristics and values
- Selection conditions
- Procedures
- Constraints
- Multiple configuration profiles
- Variant Tables

In dependencies, all constructs are supported, except the following

- PFUNCTIONs and variant-functions
- Multi-level constructs (\$PARENT, \$ROOT, PART_OF, SUB_PART_OF and TYPE_OF)

Pricing capabilities

Quote's pricing engine supports the following pricing structures:

- Any number of (standard or user-defined) price procedures
- Any (standard or user-defined) condition type that has calculation type 'quantity', 'percentage' or 'fixed amount' (for example the standard SAP condition types PR00, VA00 and VA01)
- Any (standard or user-defined) condition table. If the condition table refers to document-structures and fields not listed below, this mapping must be specified explicitly. The following fields are supported out-of-the-box:
 - Material number (KOMP.MATNR og KOMP.PMATN)
 - Variant conditions used in VC (KOMP.VARCOND)
 - Sales. Org. (KOMK.VKORG),
 - Distribution Channel (KOMK.VTWEG),
 - Sales div. (KOMK.SPART),
 - Price list (KOMK.PLTYP),
 - Sold-to (KOMK.KUNNR),
 - Ship-to (KOMK.KUNWE),
 - Currency (KOMK.WAERK and KOMK.HWAER),
 - And the SAP-standard way of transferring variant-conditions from VC to KOMP.VARCOND by using a reference-characteristic to SDCOM.VKOND

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