

# Valuation 365 - Upgrade Routine

Valuation 365 Upgrade Routine for Microsoft Dynamics 365 Business Central

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## 1. VALUATION 365 – UPGRADE ROUTINE

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This document describes the steps for a successful data migration from **Valuation 365** C/AL-Code to AL-Code. It provides an overview of the individual steps required for a data migration.

CKL Software GmbH recommends that data migration be performed with the assistance of an official CKL Partner (<https://www.ckl-kore.de/en/partners.html>).

Data migration is performed from Microsoft Dynamics 365 Business Central 14 C/AL code. This means that older versions of **CKL PLUS** must first be upgraded to this major version before data migration can begin.

### Hint:

Depending on the target version to which the upgrade is to be performed, the minor version of BC14 must be taken into account. For example, an upgrade to BC18.5 must be performed starting from BC14.27 (Cumulative Update 26). See the following Dynamics 365 Business Central Upgrade Compatibility Matrix:

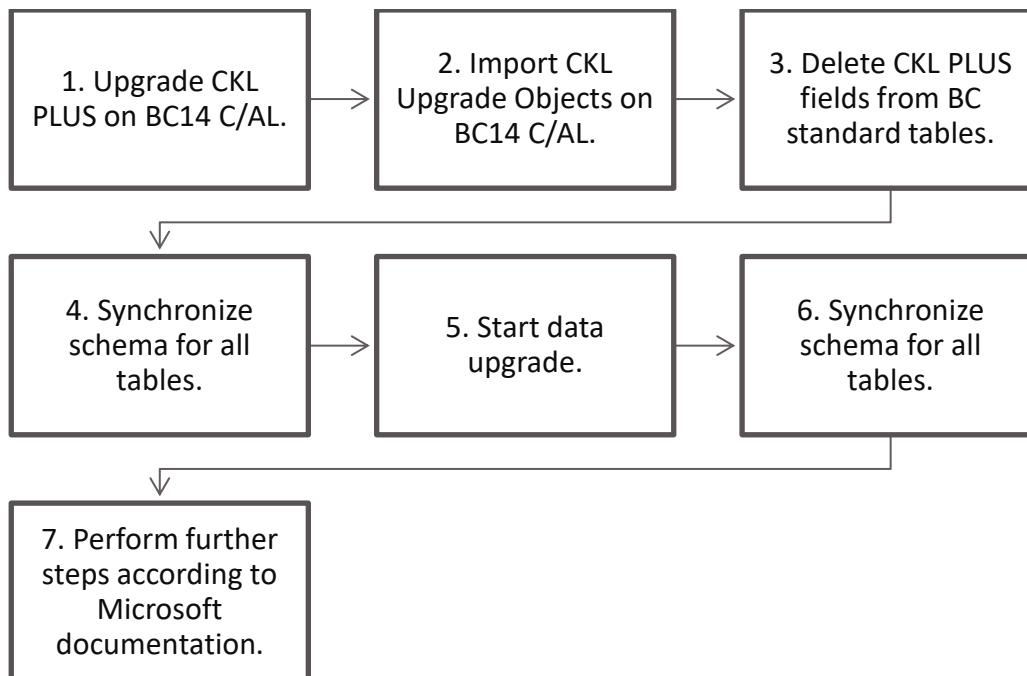
<https://docs.microsoft.com/en-us/dynamics365/business-central/dev-itpro/upgrade/upgrade-v14-v15-compatibility>.

### Further steps:

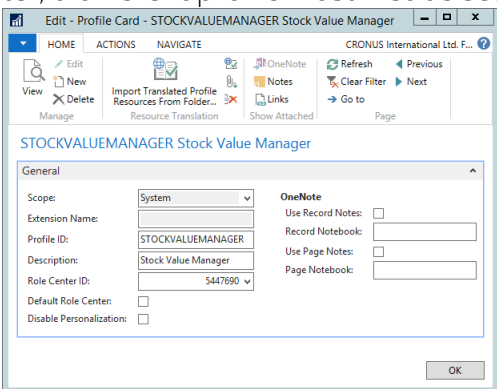
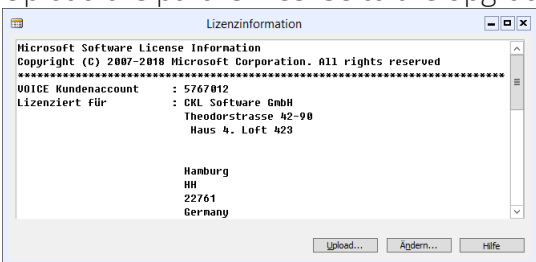
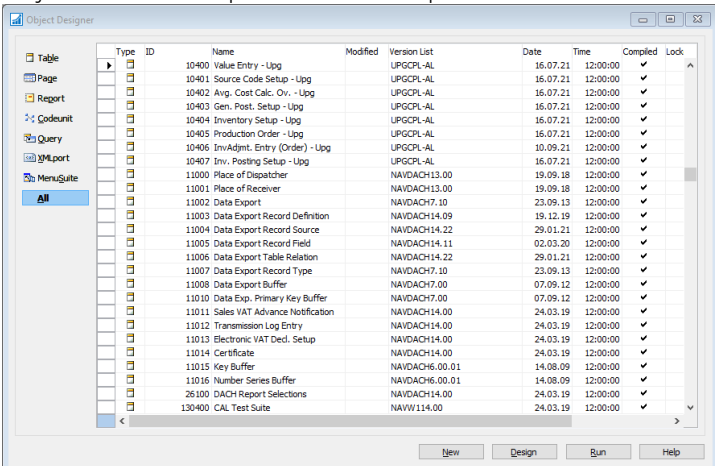
After a successful data migration to Microsoft Dynamics 365 Business Central 14 C/AL-Code, an upgrade to higher major versions (>BC14) can then be performed (<https://docs.microsoft.com/en-us/dynamics365/business-central/dev-itpro/upgrade/upgrade-technical-upgrade-v14-v18#Preparedb>).

## 2. UPGRADE ROUTINE OVERVIEW

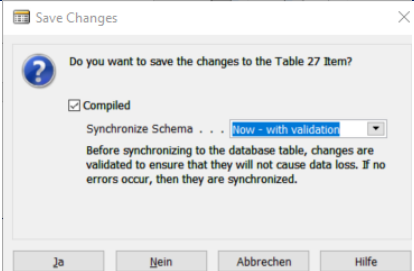
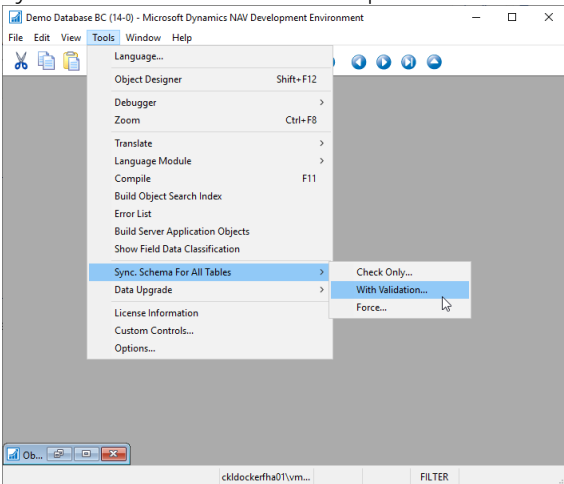
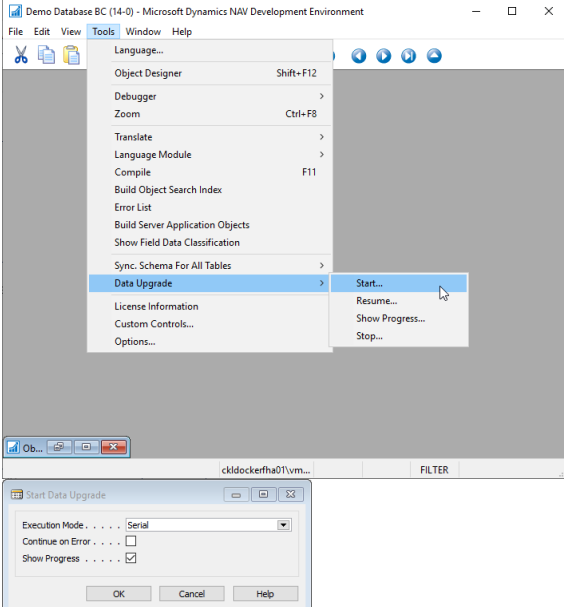
The following graphic clearly shows the individual steps of the CKL upgrade routine. If **CKL PLUS** is already available in Microsoft Dynamics 365 Business Central 14 C/AL code, the first step can be skipped. The individual steps are described in detail in chapter "3. Upgrade Routine Checklist".

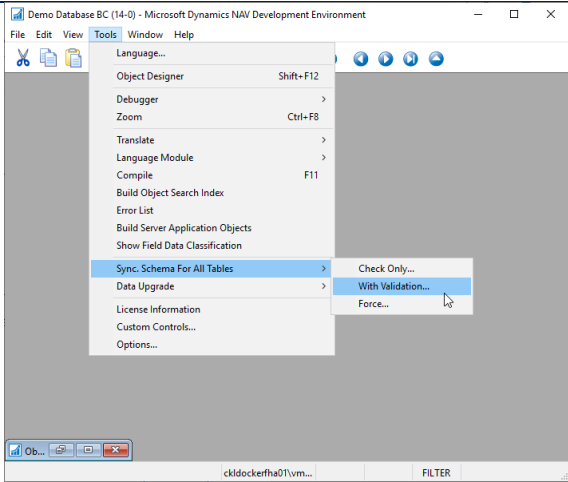


### 3. UPGRADE ROUTINE CHECKLIST

Step	Description	Done
Prepare CKL PLUS in BC14 C/AL for data migration.		
1	<p>If the CKL PLUS "Stock Value Manager" profile is set as the default role center, a different profile must first be set as the default role center.</p> 	
2	<p>Upload the partner license to the upgrade database.</p> 	
3	<p>Import „UPGTK – CPL to AL.fob“ file to upgrade database. The existing CPL objects can be replaced with “Replace” if there are no customizations/fields.</p> 	
4	<p>The following fields of <b>Valuation 365</b> must be deleted from standard tables of the C/AL database and compiled with „<b>Synchronize Schema – Now – with validation</b>“:</p> <ul style="list-style-type: none"> <li>Table 27 "Item" <ul style="list-style-type: none"> <li>Field 5447563 „Last Item Valuation Date“</li> <li>Field 5452007 "Last Opening Evaluation Date" and Key "Last Opening Evaluation Date"</li> </ul> </li> <li>Table 83 "Item Journal Line" <ul style="list-style-type: none"> <li>Field 5448000 "Cost Policy Type"</li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>○ Field 5448001 "New Costing Method"</li> <li>○ Field 5452008 "Opening Evaluation"</li> <li>○ Field 5452010 "Partial Opening Evaluation"</li> <li>○ Field 5452011 "Calculation Base"</li> <li>○ Field 5452012 "Close Only For Invent. Adjust."</li> <li>• Table 242 "Source Code Setup" <ul style="list-style-type: none"> <li>○ Field 5447560 "Item Valuation Journal"</li> <li>○ Field 5447561 "Valuation Post Cost"</li> <li>○ Field 5448000 "Costing Policy Worksheet"</li> <li>○ Field 5452013 "Opening Evaluation Journal"</li> </ul> </li> <li>• Table 252 "General Posting Setup" <ul style="list-style-type: none"> <li>○ Field 5447700 "Direct Prod. Cost Account"</li> <li>○ Field 5447701 "Overhead Prod. Cost Account"</li> </ul> </li> <li>• Table 313 "Inventory Setup" <ul style="list-style-type: none"> <li>○ Field 5447700 "Production Cost Posting to G/L"</li> </ul> </li> <li>• Table 5405 "Production Order" <ul style="list-style-type: none"> <li>○ Field 5447700 "Production Cost Posting to G/L"</li> </ul> </li> <li>• Table 5802 "Value Entry" <ul style="list-style-type: none"> <li>○ Field 5447700 "Production Cost"</li> <li>○ Field 5448000 "Cost Policy Type"</li> <li>○ Field 5452007 "Assets Type"</li> <li>○ Field 5452008 "Opening Evaluation"</li> <li>○ Field 5452103 "Posting Date Archived"</li> <li>○ Field 5452113 "Item Ledger Entry Quantity Ar." and SumIn- dexField "Item Ledger Entry Quantity Ar."</li> <li>○ Field 5452114 "Invoiced Quantity Archived"</li> <li>○ Field 5452151 "Cost Amount (Expected) Arch."</li> <li>○ Field 5452156 "Cost Amount (Exp.) (ACY) Arch."</li> <li>○ Field 5452543 "Cost Amount (Actual) Archived"</li> <li>○ Field 5452568 "Cost Amount (Actual) (ACY) Ar."</li> </ul> </li> <li>• Table 5813 "Inventory Posting Setup" <ul style="list-style-type: none"> <li>○ Field 5447700 "WIP Change Account"</li> <li>○ Field 5447701 "Prod. Accrual Acc. (Interim)"</li> <li>○ Field 5447702 "Prod. Accrual Account"</li> </ul> </li> <li>• Table 5847 "Average Cost Calc. Overview" <ul style="list-style-type: none"> <li>○ Field 5448000 "Cost Policy Type"</li> <li>○ Field 5448001 "Costing Method"</li> </ul> </li> <li>• Table 5896 "Inventory Adjmt. Entry (Order)" <ul style="list-style-type: none"> <li>○ Field 5447700 "Production Cost Posting to G/L"</li> </ul> </li> </ul>	
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	 <p>Save Changes</p> <p>Do you want to save the changes to the Table 27 Item?</p> <p><input checked="" type="checkbox"/> Compiled</p> <p>Synchronize Schema . . . <a href="#">Now - with validation</a></p> <p>Before synchronizing to the database table, changes are validated to ensure that they will not cause data loss. If no errors occur, then they are synchronized.</p> <p>Ja Nein Abbrechen Hilfe</p>	
5	<p>After deleting the <b>Valuation 365</b> fields from the standard tables, a "schema synchronization" should be performed.</p>  <p>Demo Database BC (14-0) - Microsoft Dynamics NAV Development Environment</p> <p>Tools</p> <ul style="list-style-type: none"> <li>Language...</li> <li>Object Designer Shift+F12</li> <li>Debugger</li> <li>Zoom Ctrl+F8</li> <li>Translate</li> <li>Language Module</li> <li>Compile F11</li> <li>Build Object Search Index</li> <li>Error List</li> <li>Build Server Application Objects</li> <li>Show Field Data Classification</li> <li>Sync. Schema For All Tables</li> <li>Data Upgrade</li> <li>License Information</li> <li>Custom Controls...</li> <li>Options...</li> </ul> <ul style="list-style-type: none"> <li>Check Only...</li> <li>With Validation...</li> <li>Force...</li> </ul> <p>ckldockerfha01vm... FILTER</p>	
6	<p>Then the data upgrade can be started.</p>  <p>Demo Database BC (14-0) - Microsoft Dynamics NAV Development Environment</p> <p>Tools</p> <ul style="list-style-type: none"> <li>Language...</li> <li>Object Designer Shift+F12</li> <li>Debugger</li> <li>Zoom Ctrl+F8</li> <li>Translate</li> <li>Language Module</li> <li>Compile F11</li> <li>Build Object Search Index</li> <li>Error List</li> <li>Build Server Application Objects</li> <li>Show Field Data Classification</li> <li>Sync. Schema For All Tables</li> <li>Data Upgrade</li> <li>License Information</li> <li>Custom Controls...</li> <li>Options...</li> </ul> <ul style="list-style-type: none"> <li>Start...</li> <li>Resume...</li> <li>Show Progress...</li> <li>Stop...</li> </ul> <p>ckldockerfha01vm... FILTER</p> <p>Start Data Upgrade</p> <p>Execution Mode . . . . . Serial</p> <p>Continue on Error . . . . . <input type="checkbox"/></p> <p>Show Progress . . . . . <input checked="" type="checkbox"/></p> <p>OK Cancel Help</p>	
7	<p>After the data upgrade, a "schema synchronization" should be performed again.</p>	

	 <p>The screenshot shows the 'Tools' menu in the Microsoft Dynamics NAV Development Environment. The 'Data Upgrade' option is selected, and a sub-menu is displayed with three options: 'Check Only...', 'With Validation...' (which is highlighted by the mouse), and 'Force...'. The window title is 'Demo Database BC (14-0) - Microsoft Dynamics NAV Development Environment'.</p>	
8	<p>Further steps according to Microsoft upgrade instructions. <a href="https://docs.microsoft.com/en-us/dynamics365/business-central/dev-it-pro/upgrade/upgrade-technical-upgrade-v14-v18#Preparedb">https://docs.microsoft.com/en-us/dynamics365/business-central/dev-it-pro/upgrade/upgrade-technical-upgrade-v14-v18#Preparedb</a></p>	