

Product Code Generator (PCG)






Customized codification

For every organization, it is important to have a robust yet flexible tool for business users to specify the rules for sequence generation that is able to generate a unique and meaningful product code. This product code should facilitate quick identification, search, and retrieval of items/products. While Microsoft Dynamics 365 for Finance and Operations allows users to generate product code either manually or with continuous number sequence, there is no solution that helps them create meaningful or customized product codes.

PCG, an add-on to Dynamics 365 for Finance and Operations, is a user-driven and easy-to-use code-generating tool that assists users to automatically create customized product/item codes where each segment has a coded meaning or logic. This helps users to address the need of recording numbering process.

With PCG, product codes are generated by selecting standard parameters of the item description. Here each segment of the product code has a meaning, which makes sharing, retrieving, and interpreting the code even easier.

High-level Functionalities

-  **Code generation**
Generate item code by selecting standard parameters of item description such as item type, item sub-type, nominal size, schedule/rating, material description / material grade, thickness, diameters.
-  **Code approval**
Once an item code is generated, the edits to the desired field can be made then approved by the admin.
-  **Code regeneration**
From all the disapproved item codes, once the code is selected, it can be regenerated and moved to the approve item code form.
-  **Item search**
Search any particular item with the selection of standard parameters of an item description such as item type, item sub-type, material description, and more.
-  **Validation**
Ensure that there is no data duplication or empty data fields with the means of automatic validation.

100%* Accurate numbering

95%* Reduced human errors

95%* Improved transparency in code generation

Key Benefits



Generate item codes using a **logical code generation** scheme, which makes interpreting the code easier



Provide an option to **configure multiple templates** of the same entity



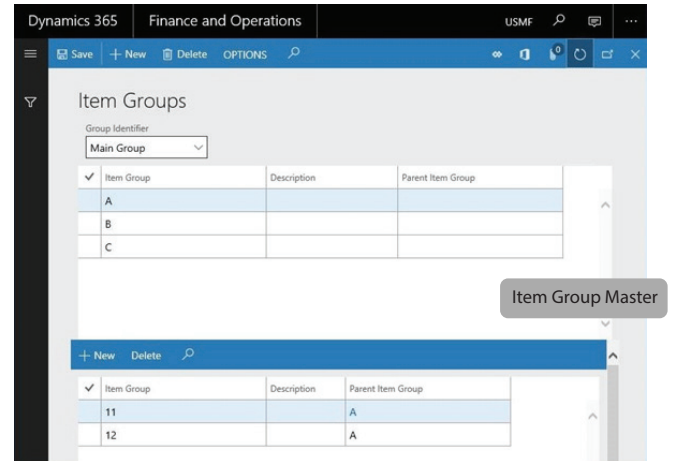
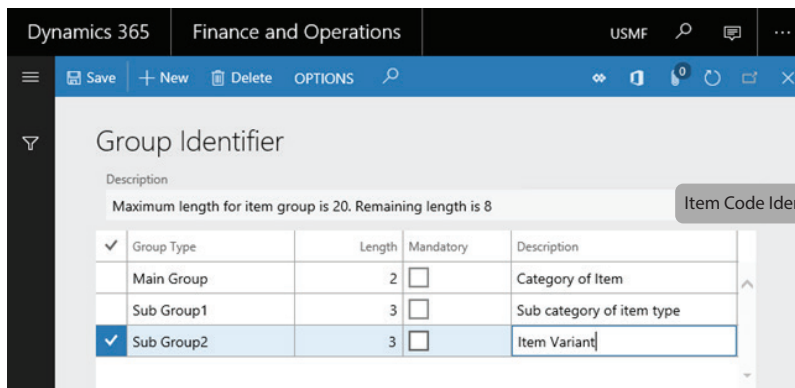
Save time and effort by quickly searching all the required items using their item codes



Eliminate data duplication or empty data fields with the means of **automatic validation**



Store the item code generated in a **secure manner**



About Synoptek

Synoptek is a global systems integrator and managed IT services provider offering comprehensive IT management and consultancy services to organizations worldwide. Founded in 2001; headquartered in Irvine, CA, we have offices and resources across North America and delivery centers in Europe and India.