**Multi-level surcharge-based Product Cost Controlling (CO-PC II)**

This case study describes an integrated process in product cost controlling. Using the underlying SAP functionalities (including overhead costing), the costs for multi-level products are calculated.

|  |  |  |  |
| --- | --- | --- | --- |
| **Product**  S/4HANA 2020  Global Bike  Fiori 3.0  **Level**  Bachelor  Master  Advanced  **Focus**  Product cost calculation  **Authors**  Andrea Niemann  Stephan Kress  **Version**  4.1  **Last change**  Mai 2022 | MOTIVATION  In the case study Product Cost Controlling (CO-PC I) you got to know a single-stage product cost calculation on the basis of already existing material master data, parts lists and routings for a bicycle from Global Bike.  In this advanced case study, you are now asked to determine the costs of two different bicycle computers on the basis of a multi-level product structure and with a stored overhead calculation scheme. On the one hand, you use materials that have already been created. On the other hand, you create another material yourself and calculate both an assembly, two semi-finished products and the two variants of the final product.  Finally, you calculate the cost of goods manufactured and the cost of goods sold of the end products on the basis of a cost estimate with quantity structure, using the BOM‘s of the products. |  | **PREREQUISITES**  In order to carry out this CO case study successfully, it is recommended to work through the case study Product Cost Controlling (CO-PC I) beforehand. However, it is not necessary.  NOTES  This case study uses the model company Global Bike, which was developed exclusively for SAP UA Curricula.  Logo1 |



|  |  |  |
| --- | --- | --- |
|  | Process Overview | |
| **Learning Objective** To understand and apply an integrated process in product cost controlling based on a multi-level product structure. Practical execution of an overhead costing for standard production costs known from the basics of cost accounting.  **Scenario** To carry out the complete process of multi-level overhead costing, you will take on different roles in the Global Bike company. You will start in production controlling with an existing product, before you create further master data in materials management and production in order to be able to carry out a new sample and material cost estimate with quantity structure.  **Employees involved** Jermain Kumins (Production Worker 1)  Jamie Shamblin (Controller)  Shuyuan Chen (Accounting Manager) | | **Time** ~245 Min. + 60 Min.  Optional  task |
|  | | |
| You start the multi-stage product cost calculation process with an already existing product, the mountain bike bicycle computer. Before you carry out the material costing, you use the sample costing to estimate the costs in advance. You then create further raw materials, a semi-finished product and a final product for another bicycle computer, add to the structure of the product with the help of bills of materials and can thus carry out a cost estimate with quantity structure for the final product, which you then update in the material master. Between the steps, you create sample cost estimates again to determine the costs of the new products before they are even created. The following graphic shows the complete process chain. | | |
| The multi-level product structure of the end products *Off Road Bike computer* (*ORBC1###*) and *Touring Bike computer* (*TRBC1###*) can be found in the following figure. Please note that the components of the touring bike computer are not created in the system in advance. | | |
|  | | |

|  |
| --- |
| Table of contents  [Process Overview 2](#_Toc103843147)  [[Optional] Manual calculation of manufacturing costs 5](#_Toc103843148)  [Step 1: Create Variant Semi-finished Product 7](#_Toc103843149)  [Step 2: Create Variant Semi-finished Product 11](#_Toc103843150)  [Step 3: Create Variant Finished Product 14](#_Toc103843151)  [Step 4: Create cost estimate with quantity structure 18](#_Toc103843152)  [Step 5: Mark price update 22](#_Toc103843153)  [Step 6: Release price update 24](#_Toc103843154)  [Step 7: Check price update 26](#_Toc103843155)  [Step 8: Create raw material 28](#_Toc103843156)  [Step 9 : Create Variant Semi-finished product 31](#_Toc103843157)  [Step 10: Create semi-finished product 34](#_Toc103843158)  [Step 11: Extend product master data record for costing 36](#_Toc103843159)  [Step 12: Create BOMs (Bill of Materials) 38](#_Toc103843160)  [Step 13: Create packaging 40](#_Toc103843161)  [Step 14: Sample costing finished product 42](#_Toc103843162)  [Step 15: Create finished product 45](#_Toc103843163)  [Step 16: Extend product master data record for costing 47](#_Toc103843164)  [Step 17: Create BOMs (Bill of Materials) 49](#_Toc103843165)  [Step 18: Create cost estimate with quantity structure 51](#_Toc103843166)  [Step 19: Mark price update 54](#_Toc103843167)  [Step 20: Release price update 56](#_Toc103843168)  [Step 21: Check price update 58](#_Toc103843169) |
|  |
|  |

|  |  |  |
| --- | --- | --- |
|  | [Optional] Manual calculation of manufacturing costs | |
| **Task** Calculate the manufacturing costs for the mountain bike cycle computers and the touring cycle computers manually.  **Short description** Calculate the manufacturing costs for 1000 Bike computers each. To calculate, use a spreadsheet such as Microsoft Excel. For the sake of simplicity, assume that the packaging units in the purchase department can be divided into any number of parts. The following Bills of Materials (BOMs) form the basis for the calculation.  **Name (position)** Shuyuan Chen (Accounting Manager) | | **Time** 60 Min. |
|  | |  |
| **BOMs of the semi-finished product Basic Casing (Per piece)** | |  |
| |  |  |  |  | | --- | --- | --- | --- | | Material | Quantity per Basic Casing | Packaging unit in purchase | Price per packaging unit | | Pushbuttons | 4 pcs. | carton à 500 pcs. | 100,00 € per carton | | Casing | 1 pcs. | carton à 100 pcs. | 580,00 € per carton | | Display coverage | 1 pcs. | carton à 100 pcs. | 400,00 € per carton | | |  |
| **BOMs of the semi-finished product Off Road Bike Computer (Per piece)** | |  |
| |  |  |  |  | | --- | --- | --- | --- | | Material | Quantity per Basic Casing | Packaging unit in purchase | Price per packaging unit | | Semi-finished basic casing | 1 pcs. | carton à 100 pcs. |  | | Off Road circuit board | 1 pcs. | carton à 100 pcs. | 2.000,00 € per carton | | |  |
| **BOMs of the semi-finished product Touring Bike Computer (Per piece)** | |  |
| |  |  |  |  | | --- | --- | --- | --- | | Material | Quantity per Basic Casing | Packaging unit in purchase | Price per packaging unit | | Semi-finished basic casing | 1 pcs. | carton à 100 pcs. |  | | Off Road circuit board | 1 pcs. | carton à 100 pcs. | 2.500,00 € per carton | | |  |
| **BOMs of the product Off Road Bike computer (Per PU - 1000 pcs.)** | |  |
| |  |  |  |  | | --- | --- | --- | --- | | Material | Quantity | Packaging unit in purchasing / reference size | Price per packaging unit | | Semi finished mountain bike bike comp. | 1000 pcs |  |  | | Packaging bike comp. | 1000 pcs. | Pallet à 1000 pcs. | 150,00 € per pallet | | Deluxe" sticker | 1000 pcs. | carton à 1000 St. | 50,00 € per carton | | Machine hours | 360 min. | 1 hour | 62,00 € per hour | | Working hours | 720 min. | 1 hour | 32,00 € per hour | | |  |
| **BOMs of the product Touring Bike Computer  (Pro PU – 1000 pcs.)** | |  |
| |  |  |  |  | | --- | --- | --- | --- | | Material | Quantity | Packaging unit in purchasing / reference size | Price per packaging unit | | Semi finished mountain bike bike comp. | 1000 pcs. |  |  | | Packaging bike comp. | 1000 pcs. | Palette à 1000 St. | 150,00 € per pallet | | Deluxe” sticker” | 1000 pcs. | carton à 1000 St. | 50,00 € pro carton | | Machine hours | 360 min | 1 hour | 62,00 € per hour | | Arbeitszeit | 720 Min. | 1 Stunde | 32,00 € pro Stunde | | |  |
| Result 1000 Off Road Bike computer:  Result 1000 Off Road Bike computer: | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 1: Create Variant Semi-finished Product | |
| **Task** Carry out the sample costing for the semi-finished product Basic Casing.  **Short description** Carry out a sample calculation for the Basic Casing Bike Computer. You will calculate the manufacturing costs for the Basic Casing. The basic Casing is part of the existing Off Road Bike Computer and the new touring bike computer.  **Name (position)** Jamie Shamblin (Controller) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Controller* role, use the app *Create Base Planning Objects* to create a base planning object. | | Create Base Planning Objects |
|  | |  |
| *Create Base Planning Object: Initial screen* appears. At the beginning, select **More 🡪 Extras 🡪 Set Controlling Area…** | |  |
|  | |  |
| Change the controlling area from NA00 to **EU00** and confirm the change with  (*Copy*). | | EU00 |
| In the *Base Planning Object* field, enter **BCSG1###** (replace ### with your three-digit number) for the base case. | | BCSG1### |
|  | |  |
| Press Enter. *The Create Base Planning Object: Master Data* screen appears. Enter **PC** (*pieces*) as the *Base Unit of Measure* and **5004000** (*expenses for semi-finished products*) as the *Cost Element*. Then select the *Company Code* **DE00** (*Global Bike Germany GmbH*) and the *Plant* **HD00** (*Heidelberg*). Use **PP-PC1** (*PP-PC standard*) as the *Costing Sheet*. | | PC  5004000  DE00  HD00  PP-PC1 |
| Enter **###** (your three-digit number) as the *Sort Field*. The latter allows you to display sorted calculations. Finally, enter **Basic Casing ###** as *Name* and **Basic Casing Bike Computer** as *Description*. | | ###  Basic Casing ###  Basic Casing Bike Computer |
|  | |  |
| Then click on  (*Create Cost Estimate*) to create the calculation. The *Create Cost estimate* window appears. Enter the *Costing Variant* **PG** (*Base Planning Object*) and the *lot size* **1000**. | | PG  1000 |
|  | |  |
| Click on  (*Continue*) to proceed. | |  |
| **Note** The item category identifies the costing items with regard to their origin or cost origin. Examples are M (material), B (base planning object), S (total), E (internal activity) or G (overhead). The Resource column indicates which information is read by the system, depending on the item category. | |  |
| In the *Category* column, enter **M** for *Material* in the first three lines and **S** for *Total* in the fourth line. Then, in the *Resource* column, in the first three lines, enter **PSBT1###** for Pushbutton, **CSNG1###** for Casing and **DPCV1###** for Display Coverage. | | M  S  PSBT1###  CSNG1###  DPCV1###  M |
| Then enter **HD00** in the first three lines in the *Plant/Performance* column. | | HD00 |
| In the *Quantity* column, enter **4000** in the Pushbutton line (*PSBT1###*) and **1000** each for the Casing (*CSNG1###*) and Display Coverage (*DPCV1###*). | | 4000  1000 |
|  | |  |
| Press Enter. The system automatically adds more information, also the prices for the materials are entered and the total sum of the basic housing is determined. | |  |
|  | |  |
| The overhead rates are only added after saving and are not yet visible in the screen. | |  |
| Click on to save your calculation. | |  |
| **Optional** Compare the calculation with your manual invoice for the semi-finished basic housing. | |  |
| You will be redirected to the master data view and receive the following message in the status bar. | |  |
|  | |  |
| In the *Cost Estimate* area, both the total value of the specified batch size and the unit price were determined. Here, the total value differs from the previous sum because the overhead surcharges have now been taken into account. | |  |
|  | |  |
| Click on  (*Process Cost Estimate Further*) to display the cost estimate again. The system has automatically added a line for overhead to your cost estimate. | |  |
|  | |  |
| Select  to return to the Create Base Planning: Master Data screen. | |  |
| Click onto save your calculation. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 2: Create Variant Semi-finished Product | |
| **Task** Carry out the sample calculation for the semi-finished product of the Off Road Bike Computer.  **Short Description** Carry out a sample calculation for the semi-finished product of the Off Road Bike Computer. Use it to determine the manufacturing costs for this semi-finished product.  **Name (position)** Jamie Shamblin (Controller) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Controller* role, use the *Create Base Planning Objects* app to create a base planning object. | | Create Base Planning Objects |
|  | |  |
| Change the *Controlling* *area* from NA00 to **EU00** and confirm the change with  (*Copy*). | | EU00 |
| Enter **ORSC1###** (*Off Road Bike Computer semi-finished*) in the *Base Planing Object* field and enter the *Base Planning Object* **BCSG1###** you have just created as a template. | | ORSC1###  BCSG1### |
|  | |  |
| Press Enter. The *Create Base Planning: Master Data* screen appears. | |  |
| Change the *Name* to **Off Road Semi ###**. Enter **Off Road Bike Computer semi-finished** as the new *Description*. | | Off Road Comp Semi ###  Off Road Bike Computer semi-finished |
|  | |  |
| Then click on  (*Create Cost Estimate*) to create the calculation. The *Create Cost Estimate* window appears. Enter the *Costing Variant* **PG** (*Base Planning Object*) and the *Lot Size* **1000** can be taken over, but remove **BCSG1###** as a template. | | PG  1000  ~~BCSG1###~~ |
|  | |  |
| Click on  (*Continue: enter*) to proceed. Sie sehen nun den Bildschirm: *Create Unit Cost Estimate : List Screen – 1*. | |  |
| In the *Category* column, enter **B** for *Base Planning Object* in the first row, **M** for *Material* in the second row and **S** for *Total* in the third row. Then enter the previously created base planning object **BCSG1###** in the first line of the *Resource* column and **ORCB1###** for the Off Road Circuit Board in the second line. | | B  M  S  BCSG1###  ORCB1### |
| Then enter **HD00** in the second line in the column *Plant/Performance* and **1000** in the first and second line in the column *Quantity*. | | HD00  1000 |
|  | |  |
| Press Enter. The system automatically adds further information, and also enters the prices for the materials and calculates the total sum of the semi-finished products. | |  |
|  | |  |
| Click onto save your calculation. | |  |
| **Optional** Compare the calculation with your manual invoice for the semi-finished product Off Road Bike Computer. | |  |
| You will be redirected to the master data view and receive the following message in the status bar. | |  |
|  | |  |
| In the *Cost estimate* area, both the total value of the specified batch size and the unit price were determined. Here, the total value differs from the previous sum because the overhead surcharges have now been taken into account. | |  |
|  | |  |
| Click on  (*Process Cost Estimate Further*) to display the cost estimate again. The system has automatically added a line for overhead to your cost estimate. | |  |
| C:\Users\cnguessan\Pictures\2022-05-09_11-30-49.png | |  |
| Select  to return to the *Create Base Planning: Master Data screen*. | |  |
| Click onto save your calculation. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 3: Create Variant Finished Product | |
| **Task** Carry out the sample calculation for the Off Road Bike Computer.  **Short Description** Determine the manufacturing costs for the finished product Off Road Bike computer.  **Name (position)** Jamie Shamblin (Controller) | | **Time** 20 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Controller* role, use the *Create Base Planning Objects* app to create a base planning object. | | Create Base Planning Objects |
|  | |  |
| Change the *controlling* area from NA00 to **EU00** and confirm the change with  (*Copy*). | | EU00 |
| The *Create Base Planning Object: Initial Screen* appears. Enter **ORBC1**### in the *Base Planning Object* field. | | ORBC1### |
|  | |  |
| Press Enter. The *Create Base Planning Object: Master Data* screen appears. Enter **PC** (*pieces*) as the *Base Unit of Measure* and **5002000** (*expenses for finished products*) as the *Cost Element*. Enter the *Company Code* **DE00** and the *Plant* **HD00**. The *Costing Sheet* is **PP-PC1** (*PP-PC standard*). | | PC  5002000  DE00  HD00  PP-PC1 |
| As *Sort Field* enter **###** and as *Name* **Off Road Comp ###**. Finally, enter the *Description* **Off Road Bike Computer**. | | ###  Off Road Comp ###  Off Road Bike Computer |
| C:\Users\cnguessan\Pictures\last.png | |  |
| Click on  (*Process Cost Estimate Further...*) to create the calculation. The *Create Cost Estimate* window appears. Enter the *Costing Variant* **PG** (*Base Planning Object*) and the *Lot Size* **1000**. | | PG  1000 |
|  | |  |
| Click on  (*Continue: enter*) to proceed. Sie sehen nun den Bildschirm: *Create Unit Cost Estimate : List Screen – 1*. | |  |
| In the *Category* column, enter **B** for *Base Planning Object* in the first row, **M** for *Material* in the second and third rows, and **S** for *Total* in the fourth and seventh rows. In the fifth and sixth line enter **E** for *Internal Activity*. | | B  M  S  E |
| In the Resource column, enter **ORSC1###** for the semi-finished product Off Road Bike Computer in the first row. In the next two lines, add **ORLB1##**# for the Off Road label and **PKBC1##**# for the Packaging Bike Computer. In the fifth and sixth lines, enter **EUPR1000**. *EUPR1000* stands for the cost center production cost that performs an activity. | | ORSC1###  ORLB1###  PKBC1###  EUPR1000 |
| In the *Plant/Activity* column, enter **HD00** in the second and third lines. In addition to the materials, the operations **MACH** (*machine* *hours*) and **WAGE** (*wage* *hours*) enter the cost estimate as activity types. Add these in the fifth and sixth row for the cost center *EUPR1000*. | | HD00  MACH  WAGE |
| In the *Quantity* column, enter **1000** in the first three rows. In the fifth row enter **360** and in the sixth row enter **720**. | | 1000  360  720 |
| Finally, in the *Unit of Measure* column, enter **MIN** (*minutes*) for machine hours time and wage hours. | | MIN |
|  | |  |
| Press Enter. The system automatically adds more information, and also enters the prices for the materials and calculates the totals. On the one hand the total sum for the materials and then including the necessary services. | |  |
|  | |  |
| Click on to save your calculation. | |  |
| **Optional** Compare the calculation with your manual invoice for the product Off Road Bike Computer**.** | |  |
| You will be redirected to the master data view and receive the following message in the status bar. | |  |
|  | |  |
| In the *Cost estimate* area, both the total value of the specified lot size and the price per piece were calculated. Here, the total value deviates from the previous sum, as the overhead surcharges have now been taken into account. | |  |
|  | |  |
| Click on  (*Process Cost estimate Further...*) to display the cost estimate again. The system has automatically added a line for the overhead to your cost estimate. In contrast to the previous calculations, the overhead of the production wages has now been taken into account. | |  |
|  | |  |
| Select  to return to the *Create Base Planning Object: Master Data* screen. | |  |
| Click onto save your calculation. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 4: Create cost estimate with quantity structure | |
| **Task** Create a cost estimate with quantity structure for the Off Road Bike Computer.  **Short Description** After the manufacturing costs for the bike computer have been determined in advance using the base planning object, you will now create a cost estimate with quantity structure. This is done using the material cost estimate.  **Name** **(position)** Shuyuan Chen (Accounting Manager) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Controller* role, use the *Create Material Cost Estimates* app to create a MaterialCostEstimate. | | Create Material Cost Estimates |
|  | |  |
| The *Create Material Cost Estimate with Quantity Structure* screen appears. Enter **ORBC1###** (your finished product Off Road Bike Computer) in the *Material* field and **HD00** (*Heidelberg*) as the *Plant*. The *Costing Variant* is **ZPC1** (*standard cost estimate Mat+OC*), the *Costing Version* is **1** and you enter **1000** in the *Costing* *lot size* field. | | ORBC1###  HD00  ZPC1  1  1000 |
|  | |  |
| Now select the *Dates* tab. This is not prefilled, click on  to create dates. | |  |
| The costing dates *from* and *to* indicate the period of validity of the cost estimate. The explosion date determines the point in time at which the then valid quantity structure is used. | |  |
| Based on the valuation date, the valid price and date data are selected. Change the date in the *Costing Date From* field to the **current date**. | | Current Date |
|  | |  |
| Now click on the *Quantity Structure* (*Qty Struct*.) tab and enter **1** in the *Usage* field. This indicates that the production BOM (Bills of Material) is to be used as the quantity structure for the cost estimate. | | 1 |
|  | |  |
| Press Enter. You will now see the calculation overview. | |  |
|  | |  |
| Scroll down and click on  (*Cost Comps*) in about the middle of the screen to display the individual Cost Components. | |  |
|  | |  |
| This overview is similar to the previously created sample cost estimate, the costs can be fundamentally compared with each other. | |  |
| In the dropdown in the middle of the screen, now change from *Cost of goods manufactured* to *Cost of goods sold*. Additional overhead surcharges are displayed, which are to be assigned to administration and sales. These make up the difference between cost of goods manufactured and cost of goods sold. | |  |
|  | |  |
| **Optional** What is the difference between cost of goods sold and cost of goods sold? Research these two cost accounting terms. | |  |
| On the left side of the screen you can see the structure of the finished product. View the individual components of the product, adjust the size of the area for this purpose if necessary. | |  |
|  | |  |
| Click on  to save your material costing. | |  |
| The SAP system saves the cost estimate for material *ORBC1###* and issues a corresponding message. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 5: Mark price update | |
| **Task** Memorize the price update.  **Short Description** The idea of the price update is the following: While the cost of goods manufactured per Off Road Bike Computer computer has already been calculated in the material cost estimate, no unit prices have yet been entered in the material master for the Bike Computer. With the help of the price update, the unit costs are transferred to the material master as the standard price. The costs are then available as standard cost of goods manufactured and do not have to be recalculated when selling.  **Name (position)** Shuyuan Chen (Accounting Manager) | | **Time** 10 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Head of* *Accounting* role, use the *Release Material Cost Estimates* to mark the price update. | | Release Material Cost Estimates |
|  | |  |
| The *Price Update: Mark Standard Price* screen appears. Enter **the current month** and the **current year** as the posting period. | | current Month  current Year |
| Enter **DE00** (Germany) as the *Company Code*, **HD00** as the *Plant* and the *Material* **ORBC1###.** In addition, remove the check mark from **Test****run**. | | DE00  HD00  ORBC1###  ~~Test run~~ |
|  | |  |
| Perform the marking with a click on . The system will then give you a log. | |  |
|  | |  |
| The material has now been transferred to the material master as a planned price. The next step is to release it as the current price in the material master. | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 6: Release price update | |
| **Task** Perform a price release for the Off Road Bike Computer.  **Short** **Description** Release the preregistered price update for the material master. If the period has changed in the meantime, the marking must be performed again. The reason for this is that the marking is done with reference to the posting period and therefore cannot be used for release outside this period.  **Name** (**position**) Shuyuan Chen (Accounting Manager) | | **Time** 5 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Head* *of* *Accounting* role, use the *Release Material Cost Estimates* app to release the price update. | | Release Material Cost Estimates |
|  | |  |
| Click on  to switch from marking to releasing material cost estimates. Again, make sure that the **current month** is selected as the *Posting Period* and the **current year**. | | current month  current year |
| Enter **DE00** (Germany) as the *Company Code*, **HD00** as the *Plant* and the *Material* **ORBC1###.** In addition, remove the check mark from **Test****run**. | | DE00  HD00  ORBC1###  ~~Test run~~ |
|  | |  |
| Then perform the release by clicking on . The system then displays the list output. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 7: Check price update | |
| **Task** Perform a price release check.  **Short Description** Check if the price update was successful. You do this directly in the product master data.  **Name** (**position**) Jermain Kumins (Production Worker 1) | | **Time** 5 min |
|  | |  |
| In the *Controlling* area, on the *Multilevel Product Cost Controlling* page, in the *Shop Floor Worker* role, use the *Manage Product Master* *Data* app to check the current price. | | Manage Product Master Data |
|  | |  |
| In the search mask, enter **ORBC1###** in the *Product* field and click on . The system will display your Off Road Bike Computer. | | ORBC1### |
|  | |  |
| Click on the entry to open the details of the product. | |  |
| On the right edge of the screen, use the pull-down menu to select the *Valuation Areas* section. | | Valuation Areas |
| … | |  |
| The screen automatically scrolls to the appropriate section. | |  |
|  | |  |
| Click on the line with the Valuation Area *HD00* to view more details of the material. | |  |
| Select the *Valuation tab* ► *Current period*. Here you can see the price of the posted material cost estimate as the currently valid standard price. | |  |
|  | |  |
| As a result of your price update, the calculated price for the Off Road Bike Computer was updated as the standard price in the material master. | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 8: Create raw material | |
| **Task** Create the touring board as a new raw material.  **Description** After you have already worked with the existing Off Road Bike Computer, you will now create another model of the bicycle computer. In advance, the expected costs are determined via sample calculations. As a first step, another circuit board is now created, using the Off Road Circuit Board as a template.  **Name** (**position**) Jermain Kumins (Production Worker 1) | | **Time** 10 Min. |
|  | |  |
| In the *Controlling* area on the *Multi-level Product Cost Controlling* page, in the *Shop* *Floor* *Worker* role, use the *Manage Product Master Data* app to create a new raw material. | | Manage Product Master Data |
|  | |  |
| In the search mask, enter  **ORCB1###** in the Product field and click on . The system will display your Off Road Circuit Board. | | ORCB1### |
|  | |  |
| Select the entry and click on . A window opens in which the organizational data to be copied must be selected. | |  |
|  | |  |
| Accept the default setting and click on . | |  |
| In the next window create the basic data of the new master record. Enter **TRCB1###** as the P*roduct Number* and change the *Description* to **Touring Circuit Board**. All other data can be taken over. | | TRCB1###  Touring Circuit Board |
|  | |  |
| Click on  to proceed. | |  |
| The system now shows you the new data set for your touring board. Scroll to the *Descriptions* in the *General* *Information* section. Adjust the German name of the product here and enter **Touring Platine**. | | Touring Platine |
|  | |  |
| Use the pull-down menu to select the *Valuation Areas* section. | | Valuation Areas |
| … | |  |
| The screen automatically scrolls to the appropriate section. | |  |
|  | |  |
| Click on the line with the valuation area *HD00* to view more details of the material in this company code. | |  |
| Select the *Valuation* tab ► *Current period*. | |  |
| Change the *inventory price* to **2500 EUR**. The *Price Unit* **100** and **Standard price (S)** as *Price Control* remain. | | 2500 EUR |
|  | |  |
| Click on to apply the adjustments. You will automatically return to the previous view. | |  |
| Now click on to save the new product master record. | |  |
| The system may indicate that a duplicate can be created. This is quite correct, because the master data are very similar. | |  |
|  | |  |
| Click again on  to continue. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 9: Create Variant Semi-finished product | |
| **Task** Perform the sample calculation for the semi-finished product Off Road Bike Computer.  **Short Description** Create a base object cost estimate for the semi-finished product of the Touring Bike Computer. You will use it to calculate the manufacturing costs for the semi-finished product even before the corresponding master data record has been created.  **Name** **(position)** Jamie Shamblin (Controller) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Controller* role, use the app *Create Base Planning Objects* to create a base planning object. | | Create Base Planning Objects |
|  | |  |
| If you are asked for the *Controlling* area, enter **EU00** (Global Bike Europe) and confirm the entry with  (*Continue:enter*). | | EU00 |
| Enter **TRSC1###** (*Touring Bike Computer semi-finished*) in the first *Base Planning Object* field and enter **ORSC1###** as a *template (Copy from)* in thesecond *Base Planning Object* field. | | TRSC1###  ORSC1### |
|  | |  |
| Press Enter. The *Create Base Planning Object: Master Data* screen appears. | |  |
| Change the *Name* to **Tour Comp Semi ###**. Enter **Touring Bike Computer semi-finished** as the new *description*. | | Tour Comp Semi ###  Touring Bike Computer semi-finished |
|  | |  |
| Then click on  (*Create Cost Estimate*) to create the calculation. The *Create Cost Estimate* window appears. The *Costing Variant* **PG** and the *Lot Size* **1000** can be used, as well as the template **ORSC1###** can be adopted | | PG  1000  ORSC1100 |
| C:\Users\cnguessan\Pictures\Schritt 9. CO-PCII.png | |  |
| Click on  (*Continue:enter*) to continue. You will now see the screen: *Create unit Cost Estimate: List screen - 1*. | |  |
| In the second line, change the resource and replace the Off Road Circuit Board **ORCB1###** with the new Touring Circuit Board **TRCB1###**. Press Enter to apply the adjustment. | | ~~ORCB1###~~  TRCB1### |
| C:\Users\cnguessan\Pictures\last one.png | |  |
| Click on  to save your calculation. | |  |
| **Optional** Compare the calculation with your manual invoice for the product Touring bike computer semi-finished**.** | |  |
| You will be redirected to the master data view and receive the following message in the status bar. | |  |
|  | |  |
| In the *Cost estimate* area, both the total value of the specified lot size and the unit price were calculated. | |  |
|  | |  |
| Click on  (*Process Cost Estimate Further*…) to display the cost estimate again. The system has automatically added a line for overhead to your cost estimate. | |  |
| C:\Users\cnguessan\Pictures\last two 2.png | |  |
| Select  to return to the *Create Base Planning Object: Master* *Data* screen. | |  |
| Click on  to save your sample calculation. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 10: Create semi-finished product | |
| **Task** Create the material above**.**  **Short Description** Now that you have created the Circuit Board for the new Touring Bike computer, here is the associated semi-finished product.  **Name (position)** Jermain Kumins (Production Worker 1) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area, on the *Multilevel* *Product* *Cost Controlling* page, in the *Shop Floor Worker* role, use the *Manage Product Master Data* app. | | Manage Product Master Data |
|  | |  |
| In the search mask, enter **ORSC1**### in the *Product* field and click on . The system will display your Off Road Bike Computer semi-finished. | | ORSC1### |
|  | |  |
| Select the entry and click on . A window opens in which the organizational data to be copied are to be selected. | |  |
|  | |  |
| Accept the default setting and click on . | |  |
| In the next window, create the basic data of the new master record. Enter **TRSC1###** as the *Product Number* and change the *Description* to **Touring Bike Computer semi-finished.** All other data can be taken over. | | TRSC1###  Touring Bike Computer semi-finished |
|  | |  |
| Click on to  continue. | |  |
| The system now shows you the new data set for your Touring Bike Computer semi-finished. Scroll to the *Descriptions* in the *General Information* section. Adjust the german name of the product here and enter **Touring Fahrradcomputer halbfertig**. | | Touring Fahrradcomputer halbfertig |
|  | |  |
| Click on  to save the new product master record. | |  |
| The system may indicate that a duplicate can be created. This is quite correct, because the master data are very similar. | |  |
| Click again on  to continue. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 11: Extend product master data record for costing | |
| **Task** Extend the master data record of your new semi-finished product**.**  **Short Description** To enable costing with quantity structure, the previously created master data record still needs to be extended**.**  **Name (position)** Jermain Kumins (Production Worker 1) | | **Time** 5 Min. |
|  | |  |
| In the *Controlling* area, on the *Multilevel* *Product* *Cost Controlling* page, in the *Shop Floor Worker* role, use the *Change Material* app. | | Change Material |
|  | |  |
| Enter **TRSC1###** in the *Material* field and click on  . The *Select View(s)* window opens. Select the view *Costing 1*. | | TRSC1###  Costing 1 |
|  | |  |
| Confirm the selection by clicking on  (*Continue (enter)*). | |  |
| In the following window, specify *Organizational* *Levels* for *Plant* **HD00** and confirm again with  (*Continue (enter)*). | | HD00 |
| Select the **With Qty Structure** and **Material origin** checkboxes. | | With Qty Structure  Material origin |
|  | |  |
| Click on  to apply the changes. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 12: Create BOMs (Bill of Materials) | |
| **Task** Create a BOM for the product *Touring bike computer* semi-finished.  **Short Description** Create a BOM for the semi-finished product created previously. Here you use on the one hand the new Touring circuit board and on the other hand the already existing Basic Casing for Bike computers.  **Name (position)** Jermain Kumins (Production Worker 1) | | **Time** 15 Min.. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Shop Floor Worker* role, use the *Maintain Bill of Material* to create a BOM | | Maintain Bill of Material |
|  | |  |
| Click on  to create a new BOM . The *Create BOM* window opens. | |  |
| In the *Material* field, enter the semifinished product you just created, **TRSC1###.** Furthermore, enter **HD00** as the *Plant* and select **1** (Production) for the *BOM Usage*. | | TRSC1###  HD00  1 (Production) |
|  | |  |
| Click on  to accept your input. | |  |
| The *Maintain Bill of Materials* screen appears. In the list, for the first two items, enter **BCSG1###** (Basic Casing) and **TRCB1###** in the *Component* column. | | BCSG1###  TRCB1### |
| In the Component Quantity column, add **1** in each case. | | 1 |
|  | |  |
| Click on  to save the new BOM. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 13: Create packaging | |
| **Task** Create the above material.  **Short Description** A sticker is placed on the packaging to make the product *Touring Bike Computer* recognizable as such. The sticker in question is supplied by a printing company. You will also need a separate material master record for the new sticker.  **Name** (**position**) Jermain Kumins (Production Worker 1) | | **Time** 10 Min. |
|  | |  |
| In the *Controlling* area, on the *Multilevel* *Product* *Cost Controlling* page, in the *Shop Floor Worker* role, use the *Manage Product Master* *Data* app. | | Manage Product Master Data |
|  | |  |
| In the search mask, enter **ORLB1###** in the *Product* field and click on  . The system will display your Off Road Label. | | ORLB1### |
|  | |  |
| Select the entry and click on . A window opens in which the Organizational Data to be copied must be selected. | |  |
|  | |  |
| Accept the default setting and click on . | |  |
| In the next window create the basic data of the new master record. Enter **TRLB1###** as the *Product Number* and change the *Description* to **Touring Label**. All other data can be taken over. | | TRLB1###  Touring Label |
|  | |  |
| Click on  to continue. | |  |
| The system will now show you the new record for your touring label. Scroll to the *Descriptions* in the *General Information* section. Adjust the German name of the product here and enter **Touring Etikett**. | | Touring Etikett |
|  | |  |
| Click on  to save the new product master record. | |  |
| The system may indicate that a duplicate can be created. This is quite correct, because the master data are very similar. | |  |
| Click again on  to continue. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 14: Sample costing finished product | |
| **Task** Perform the sample costing for the Touring bike computer.  **Short Description** Create a base planning object for the new finished product Touring bicycle computer. The sample costing can be done before the actual material master of the product is created and thus provide information about the potential manufacturing costs in advance.  **Name (position)** Jamie Shamblin (Controller) | | **Time** 20 Min. |
|  | |  |
| Again, in the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Controller* role, use the *Create Base Planning Objects* app. | | Create Base Planning Objects |
|  | |  |
| If you are asked for the *controlling* area, enter **EU00** (Global Bike Europe) and confirm the entry with  (*Continue:enter*). | | EU00 |
| *The Create Base Planning Object: Initial Screen* appears. Enter **TRBC1###** in the Base *Planning Object* field and **ORBC1###** as the template (*Copy from*). | | **TRBC1###**  **ORBC1###** |
|  | |  |
| Change the *Name* to **Tour Comp ###**. Enter **Touring Bike Computer** as the new *Description*. | | Tour Comp ###  Touring Bike Computer |
|  | |  |
| Then click on  (*Create Cost Estimate*) to create the calculation. The *Create Cost Estimate* window appears. Enter the C*osting Variant* **PG** (Base Planning Object) and the *Lot Size* **1000**. | | PG  1000 |
|  | |  |
| Click on  (*Continue:enter*) to continue. You will now see the screen: *Create unit Cost Estimate: List screen - 1*. | |  |
| In the first and second line, change the resource and replace the *Off Road Bike Computer semi-finished* **ORSC1###** with the new *Touring Bike Computer* *semi-finished* **TRSC1###**, and the *Off Road Label* **ORLB1###** with the *Touring Label* **TRLB1**###. Press Enter to apply the adjustment. | | ~~ORSC1###~~  TRSC1###  ~~ORLB1###~~  TRLB1### |
|  | |  |
| Press Enter. The system automatically adds more information, and also enters the prices for the materials and calculates the totals. On the one hand the total sum for the materials and then including the necessary services. | |  |
|  | |  |
| Click on  to save your calculation. | |  |
| Optionally compare the calculation with your manual invoice for the product Touring bike computer. | |  |
| You will be redirected to the master data view and receive the following message in the status bar. | |  |
|  | |  |
| In the *Cost estimate* area, both the total value of the specified lot size and the unit price were calculated. Here, the total value deviates from the previous sum, since the overhead surcharges have now been taken into account. | |  |
|  | |  |
| Click on  (*Process Cost Estimate Further*) to display the cost estimate again. The system has automatically added a line for the overhead to your cost estimate. In contrast to the previous calculations, the overhead of the production wages has now been taken into account. | |  |
|  | |  |
| Select  to return to the *Create Base Planning Object: Master Data* screen. | |  |
| Click on  to save your calculation. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 15: Create finished product | |
| **Task** Create the above material.  **Short Description** Now create the material master for the finished product Touring bike computer.  **Name** (**position** Jermain Kumins (Production Worker 1) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area, on the *Multilevel* *Product* *Cost Controlling* page, in the *Shop Floor Worker* role, use the *Manage Product Master* *Data* app. | | Manage Product Master Data |
|  | |  |
| In the search mask, enter **ORBC1###** in the *Product* field and click on  . The system will display your Off Road Bike Computer. | | ORBC1### |
|  | |  |
| Select the entry and click on . A window opens in which the Organizational Data to be copied must be selected. | |  |
|  | |  |
| Accept the default setting and click on . | |  |
| In the next window create the basic data of the new master record. Enter **TRBC1###** as the *Product Number* and change the *Description* to **Touring Bike Computer**. All other data can be taken over. | | TRBC1###  Touring Bike Computer |
|  | |  |
| Click on  to continue. | |  |
| The system now shows you the new data set for your Touring bike computer. Scroll to the *Descriptions* in the *General Information* section. Adjust the German name of the product here and enter **Touring Fahrradcomputer**. | | Touring  Fahrradcomputer |
|  | |  |
| Click on  to save the new product master record. | |  |
| The system may indicate that a duplicate can be created. This is quite correct, because the master data are very similar. | |  |
| Click again on  to continue. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 16: Extend product master data record for costing | |
| **Task** Extend the master data record of your new finished product.  **Short Description** To enable costing with quantity structure, the previously created master data record still needs to be extended.  **Name** (position) Jermain Kumins (Production Worker 1) | | **Time** 5 Min. |
|  | |  |
| In the *Controlling* area, on the *Multilevel* *Product* *Cost Controlling* page, in the *Shop Floor Worker* role, use the *Change Material* app. | | Change Material |
|  | |  |
| Enter **TRBC1###** in the *Material* field and click on  . The *Select View(s)* window opens. Select the view *Costing 1*. | | TRBC1###  Costing 1 |
|  | |  |
| Confirm the selection by clicking on  (*Continue (enter)*). | |  |
| In the following window, specify *Organizational* *Levels* for *Plant* **HD00** and confirm again with  (*Continue (enter)*). | | HD00 |
| Select the **With Qty Structure** and **Material origin** checkboxes. | | With Qty Structure  Material origin |
|  | |  |
| Click on  to apply the changes. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 17: Create BOMs (Bill of Materials) | |
| **Task** Create a BOM for the finished product Touring bike computer.  **Short Description** This BOM now assembles the semi-finished product of the Touring bike computer with the two packaging materials to form the finished product.  **Name** (**position**) Jermain Kumins (Production Worker 1) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Shop Floor Worker* role, use the *Maintain* *Bill of Material* to create BOM. | | Maintain Bill of Material |
|  | |  |
| Click on  to create a new BOM . The *Create BOM* window opens. | |  |
| In the *Material* field, enter the finished product you just created, **TRBC1###.** Furthermore, enter **HD00** as the *Plant* and select **1** (**Production**) for the *BOM Usage*. | | TRBC1###  HD00  1 (Production) |
|  | |  |
| Click on  to accept your input. | |  |
| The *Maintain Bill of Materials* screen appears. In the *Item Category* column, select **N(Non-stock item)** for the second and third items. | | N(non-stock item) |
| Then enter **TRSC1###** (Touring Bike Computer semi-finished), **TRLB1###** (Touring Label) and **PKBC1###** (Packaging Bike computer) in the *Component* column in the first three lines. The last two components do not have their own storage location and are used directly during production. Therefore these are the non-stock items. | | TRSC1###  TRLB1###  PKBC1### |
| Add a quantity of **1** in the *Component quantity* column, *PC* is automatically preselected as the *Unit of Measure* when you enter the components. | | 1 |
|  | |  |
| Click on  to save the new BOM. You will receive a confirmation from the system. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 18: Create cost estimate with quantity structure | |
| **Task** Create a cost estimate with quantity structure for the Touring bike computer.  **Short Description** After the manufacturing costs for the bicycle computer have been calculated in advance using the base planning object, a cost estimate with quantity structure is now created. This is done with the help of the material cost estimate.  **Name** (**position**) Shuyuan Chen (Accounting Manager) | | **Time** 15 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Controller* role, use the *Create Material Cost Estimates* app to create a material cost estimate. | | Create Material Cost Estimates |
|  | |  |
| The *Create Material Cost Estimate with Quantity Structure* screen appears. Enter **TRBC1###** (your finished product Touring Bike Computer) in the *Material* field and **HD00** (*Heidelberg*) as the *Plant*. The *Costing Variant* is **ZPC1** (*standard cost estimate Mat+OC*), the *Costing Version* is **1** and you enter **1000** in the *Costing* *Lot Size* field. | | TRBC1###  HD00  ZPC1  1  1000 |
|  | |  |
| Now select the *Dates* tab. This is not prefilled, click on  to create dates. | |  |
| The costing dates *from* and *to* indicate the period of validity of the cost estimate. The explosion date determines the point in time at which the then valid quantity structure is used. Based on the valuation date, the valid price and date data are selected. Change the date in the *Costing Date From* field to the **current date**. | | Current Date |
|  | |  |
| Now click on the *Quantity Structure* (*Qty Struct*.) tab and enter **1** in the *Usage* field. This indicates that the production BOM is to be used as the quantity structure for the cost estimate. | | 1 |
|  | |  |
| Press Enter. You will now see the calculation overview. | |  |
|  | |  |
| Scroll down and click on  (*Cost* *Comps*) in about the middle of the screen to display the individual Cost Components. | |  |
|  | |  |
| This overview is similar to the previously created sample cost estimate, the costs can be fundamentally compared with each other. | |  |
| In the dropdown in the middle of the screen, now change from *Cost of goods manufactured* to *Cost of goods sold*. Additional overhead surcharges are displayed, which are to be assigned to administration and sales. These make up the difference between cost of goods manufactured and cost of goods sold. | |  |
|  | |  |
| **Optional** What is the difference between cost of goods sold and cost of goods sold? Research these two cost accounting terms. | |  |
| On the left side of the screen you can see the structure of the finished product. View the individual components of the product, adjust the size of the area for this purpose if necessary. | |  |
|  | |  |
| Click on  to save your material costing. | |  |
| The SAP system saves the cost estimate for material *TRBC1###* and issues a corresponding message. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 19: Mark price update | |
| **Task** Mark the price update.  **Short Description** Transfer the unit costs as standard price into the material master using the price update. To do this, first create a corresponding marking.  **Name** (**Position**) Shuyuan Chen (Accounting Manager) | | **Time** 10 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Head of* *Accounting* role, use the *Release Material Cost Estimates* app to mark the price update. | | Release Material Cost Estimates |
|  | |  |
| The *Price Update: Mark Standard Price* screen appears. Enter **the current month** and the **current year** as the posting period. | | Current Month  Current Year |
| Enter **DE00** (Germany) as the *Company Code*, **HD00** as the *Plant* and the *Material* **TRBC1###.** In addition, remove the check mark from **Test****run**. | | DE00  HD00  TRBC1###  ~~Test run~~ |
|  | |  |
| Perform the marking with a click on . The system will then give you a log. | |  |
|  | |  |
| The material has now been transferred to the material master as a planned price. The next step is to release it as the current price in the material master. | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 20: Release price update | |
| **Task** Perform a price release for the Touring bike computer.  **Short Description** Release the preregistered price update for the material master. If the period has changed in the meantime, the marking must be performed again. The reason for this is that the marking is done with reference to the posting period and therefore cannot be used for release outside this period.  **Name** (**position**) Shuyuan Chen (Accounting Manager) | | **Time** 5 Min. |
|  | |  |
| In the *Controlling* area on the *Multilevel Product Cost Controlling* page in the *Head of* *Accounting* role, use the *Release Material Cost Estimates* app to release the price update. | | Release Material Cost Estimates |
|  | |  |
| Click on  to switch from marking to releasing material cost estimates. Again, make sure that the **current month** is selected as the *posting period* and the **current year**. | | Current Month  Current Year |
| Enter **DE00** (Germany) as the *Company code*, **HD00** as the *Plant* and the *Material* **TRBC1###.** In addition, remove the check mark from **Test****run**. | | DE00  HD00  TRBC1###  ~~Test run~~ |
|  | |  |
| Then perform the release by clicking on . The system then displays the list output. | |  |
|  | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
| Confirm any browser warnings that may appear with . | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  | Step 21: Check price update | |
| **Task** Perform a check of the price release.  **Short Description** Check if the price update was successful. You do this directly in the product master data.  **Name** (**position)** Jermain Kumins (Production Worker 1) | | **Time** 5 Min. |
|  | |  |
| In the *Controlling* area, on the *Multilevel Product Cost Controlling* page, in the *Shop Floor Worker* role, use the *Manage Product Master* *Data* app to check the price update. | | Manage Product Master Data |
|  | |  |
| In the search mask, enter **TRBC1###** in the *Product* field and click on . The system will display your Touring Bike Computer. | | TRBC1### |
|  | |  |
| Click on the entry to open the details of the product. | |  |
| On the right edge of the screen, use the pull-down menu to select the *Valuation Areas* section. | | Valuation areas |
| … | |  |
| The screen automatically scrolls to the appropriate section. | |  |
|  | |  |
| Click on the line with the Valuation Area *HD00* to view more details of the material. | |  |
| Select the *Valuation tab* ► *Current period*. Here you can see the price of the posted material cost estimate as the currently valid standard price. | |  |
|  | |  |
| As a result of your price update, the calculated price for the Touring Bike Computer was updated as the standard price in the material master. | |  |
| Click on  to return to the SAP Fiori Launchpad. | |  |
|  | |  |