



# What's New in SAP Business One 10.0, version for SAP HANA

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# What's New in SAP Business One 10.0 FP 2202, version for SAP HANA

This chapter briefly describes major functional enhancements and modifications implemented in SAP Business One 10.0 FP 2202, version for SAP HANA.

## i Note

For the most up-to-date information, see:



- SAP Note [3149802](#) . This is a collective, overview SAP Note for SAP Business One 10.0 FP 2202, version for SAP HANA.
- SAP Note [2826199](#) . This is a collective, central SAP Note for SAP Business One 10.0, version for SAP HANA.

# What's New in SAP Business One 10.0 FP 2011, version for SAP HANA

This chapter briefly describes major functional enhancements and modifications implemented in SAP Business One 10.0 FP 2011, version for SAP HANA.

## i Note

For the most up-to-date information, see:

- SAP Note [2967034](#) . This is a collective, overview SAP Note for SAP Business One 10.0 FP 2011, version for SAP HANA.
- SAP Note [2826199](#) . This is a collective, central SAP Note for SAP Business One 10.0, version for SAP HANA.

## Web Client

### Web Client

Feature	Description
Authorization for Duplicating Documents and Records	The <b>Duplicate Documents and Records</b> authorization is available for documents and records in the following business objects: marketing documents, business partner master data, item master data, and activities. This authorization allows you to define which users can duplicate documents and records.
Linking Paid Down Payment Request/Invoice	In an A/R invoice you are now able to link paid down payment requests/invoices by clicking the arrow next to the <b>Total Down Payment</b> field located in the header invoice area.

## Administration

### Administration

Feature	Description
Hide Locked Users	<p>A new checkbox, <b>Hide Locked Users</b>, is available on the following UIs:</p> <ul style="list-style-type: none"> <li>• The <b>User Preferences</b> tab in the <b>Add-On Administration</b> window.</li> <li>• The <b>Assigned Users</b> tab in the <b>UI Configuration Template</b> window.</li> <li>• The <b>Users</b> tab in the <b>Alerts Management – Alert Details</b> window.</li> <li>• The <b>Users</b> tab in the <b>Copy Form Settings</b> window (available in the <b>Users - Setup</b> window).</li> </ul> <p>You can select this checkbox to hide users for whom the <b>Locked</b> checkbox is selected in the <b>Users - Setup</b> window.</p>
Chart of Accounts Migration Tool	<p>(Available in Portugal only) You can use the <b>Chart of Accounts Migration Tool</b> to replace existing accounts with new accounts to meet the financial requirements.</p>
Customer/Vendor Reference Number	<p>The checks on duplicate customer reference numbers and duplicate vendor reference numbers are enhanced.</p> <p>You can choose whether the check on duplicate customer/vendor reference numbers is against one individual customer/vendor or against all customers/vendors.</p> <p>You can also choose whether the check on duplicate customer/vendor reference numbers is against the current fiscal year only or against all fiscal years.</p>
Authorization to Use the Copy Table Function	<p>A new authorization, <b>Copy Table</b>, allows you to define which users can copy and paste a table between SAP Business One documents.</p>
Form Settings for Main Menu Available to Indirect Access Users	<p>Users with an Indirect Access User license can access the <b>Form Settings</b> option for the <b>Main Menu</b> and define which menu items should be displayed. This option is particularly useful for users of add-on solutions as it allows only the menu items that are relevant to the add-on to be displayed.</p>
Forms in the UI Configuration Template Window Are Sorted	<p>The forms in the <b>UI Configuration Template</b> window are now sorted alphabetically. Users can start typing the first few letters of a specific form (for example, "bus") to quickly find the form (<b>Business Partner Properties</b>).</p>
Confirmation Message During Personal Data Cleanup/Blocking for Business Partners with Non-Zero Balances	<p>When you select the wizard action <b>Personal Data Cleanup</b> or <b>Personal Data Blocking</b> in step 2, <b>General Parameters</b>, if any of the selected business partners have a non-zero balance, a confirmation message asks you to confirm whether you want to continue with the cleanup or blocking.</p>
External Calculation of VAT Through DI API or Service Layer for Brazil and India	<p>You can amend the external tax amount fields on sales documents through DI API or Service Layer in the Brazil and India localizations. The functionality is enabled through the option <b>Allow External Calculation of Tax on A/R Documents</b> on the <b>Accounting Data</b> tab of the <b>Company Details</b> window. This feature was enabled in SAP Business One 9.3 patch level 11 in the US localization and later in most other localizations.</p>
Change Log	<p>You can use the <b>Change Log</b> tool to view changes made to a user group on the <b>Groups</b> tab in the <b>Authorizations</b> window.</p>
Print Preferences	<p>In addition to marketing documents, you can also export PDF copies of payment and deposit documents automatically to the default attachments folder and can attach the exported documents to payment and deposit documents.</p>
License Balloon	<p>Previously, the license balloon appeared every time you logged on to SAP Business One and you didn't have an option to automatically hide it.</p> <p>As of SAP Business One 10.0 FP 2011, a new checkbox <b>Show License Information at Startup</b> is added to the <b>Users - Setup</b> window (<b>Administration &gt; Setup &gt; General &gt; Users</b>), allowing you to set a default for the license balloon appearance.</p>

# Sales, Purchasing, and Service

## Sales, Purchasing and Service

Feature	Description
Electronic Document Service and Electronic Document Framework	<p>Electronic Document Service (EDS) and Electronic Document Framework (EDF) are being updated and improved in the following ways:</p> <ul style="list-style-type: none"> <li>• To allow users to define file names and paths as outputs.</li> <li>• EDS connectors can be activated or deactivated using the user interface.</li> <li>• Enable custom validations in EFM for SPP files.</li> <li>• Import PEPPOL data from Excel.</li> <li>• To produce EU sales reports and BAS reports in the Netherlands without EDS.</li> <li>• To produce MYF reports in Greece without EDS.</li> </ul>
Enable Updating Consolidating BP and Consolidation Type on Document Level	<p>You can now view and update the consolidating business partner and consolidation type on the <b>Accounting</b> tab of the following documents. When you are creating these documents, the default values are taken from the business partner master data.</p> <ul style="list-style-type: none"> <li>• A/R invoice</li> <li>• A/R reserve invoice</li> <li>• A/R credit memo</li> <li>• A/R down payment invoice (all localizations except CZ, SK, HU, PL, RU, UA)</li> <li>• Delivery</li> <li>• Return</li> <li>• A/P invoice</li> <li>• A/P reserve invoice</li> <li>• A/P credit memo</li> <li>• A/P down payment invoice (all localizations except CZ, SK, HU, PL, RU, UA)</li> <li>• Goods receipt PO</li> <li>• Goods return</li> </ul> <p>The consolidating business partner and consolidation type of the documents generated with the following tools and methods are taken from the base documents and not from the business partner master data:</p> <ul style="list-style-type: none"> <li>• Document generation wizard</li> <li>• Payment wizard</li> <li>• Billing wizard</li> <li>• Copy to</li> <li>• Copy from</li> </ul>

## Financial Management

### Financial Management

Feature	Description
Allow Updating of Fields on Journal Entries with Locked Posting Periods	<p>A new checkbox, <b>Allow Updating of References, Remarks, and UDFs on Journal Entries with Locked Posting Periods</b>, is available in the <b>Document Settings</b> window (Administration &gt; System Initialization &gt; Document Settings &gt; Per Document tab &gt; Journal Entry document). If the checkbox is selected, you are able to update the following fields in the header and rows of journal entries with locked posting periods: <b>Remarks</b>, <b>Ref1</b>, <b>Ref2</b>, <b>Ref3</b>, and user-defined fields.</p>
E-Books	<p>E-Books is an existing electronic-reporting feature in the Greece localization that is being updated in version 10.0 FP 2011 as follows:</p> <ul style="list-style-type: none"> <li>• Enhancements in support of manual journal entries.</li> <li>• Determination of invoice type from document numbering series.</li> <li>• An option to add default values to empty fields in the <b>E-Books Report</b>.</li> </ul>
Nota Fiscal Eletrônica (NFe) Enhancements in Brazil Localization	<p>The Nota Fiscal Eletrônica (NFe) functionality for Brazil has been enhanced to allow you to report additional details to the state authority correctly.</p> <p>The following enhancements are available in the NFe function among others:</p> <ul style="list-style-type: none"> <li>• In the tax settings (Administration &gt; Setup &gt; Financial &gt; Tax), you can find new enhancements in various windows, such as new tax categories, additional default values for <b>Attributes</b> and for <b>Return Values</b>, and the new <b>Adjustment</b> field in the <b>Usage - Setup</b> window.</li> <li>• In the <b>Business Partner Master Data</b> window, you can find new fields in various tabs such as the <b>Type of End - User Presence</b> field, the <b>Legal Text</b> field, and the <b>Authorization to Retrieve NFe from SEFAZ</b> field.</li> <li>• In the <b>Item Master Data</b> window, you can find new fields in various tabs, such as the <b>Control Seal Quantity</b> field, the <b>CEST Code</b> field, the <b>Indicator for Relevant Scale</b> field and the <b>CNPJ of Manufacturer</b> field. The values in those fields are copied automatically to the relevant marketing documents' rows.</li> <li>• In marketing documents' rows, you can find additional new fields, such as the <b>UF Fiscal Benefit Code</b> field, the <b>Unencumbered ICMS Exemption Reason</b> field, the <b>Purchase Order Number</b> field and the <b>Purchase Order Item Number</b> field.</li> <li>• In most of the A/R marketing documents and A/P marketing documents on the <b>Logistics</b> tab, you can find new enhancements, such as the <b>Goods Issue Place</b> and the <b>Delivery Place</b> pushbuttons which lead to new windows where you can fill in all details regarding those places. In A/R marketing documents you can also find new fields, such as: <b>Shipment State Code</b>, <b>Shipment Place Name</b>, and <b>Customs Office Name</b>.</li> <li>• In the <b>Export Process</b> window (Sales - A/R &gt; A/R Invoice &gt; Logistics &gt; Export Process) and in the <b>Import Process</b> window (Purchasing - A/P &gt; A/P Invoice &gt; Logistics &gt; Import Process), you can find new enhancements such as new options in the list of <b>Transport Route</b>, the <b>Drawback - Suspension Regime</b> field, the <b>Quantity of Exported Items</b> field, and the <b>Type of Import</b> field.</li> </ul> <p>For more information, see SAP Note <a href="#">2980052</a>.</p>
Tax Collected at Source (TCS) in India	<p>The new provision of Sec 206C (1H) is now supported in SAP Business One and SAP Business One, version for SAP HANA. For more information, see SAP Note <a href="#">2951026</a>.</p>

## Banking

Feature	Description
Bank Statement Processing (BSP) Enhancements	<ul style="list-style-type: none"> <li>In the <b>Bank Statement Row - Details: Expanded</b> window, for bank statement rows whose posting method is <b>Business Partner from/to Bank Account</b>, you can now define distribution rules. They will be taken to the payments created upon finalizing the bank statement.</li> <li>In the <b>Bank Statement Details</b> window, for bank statement rows whose posting method is <b>Business Partner from/to Bank Account</b>, and for which you haven't selected any document, that is, the case of payment on account, you can now define the control account. It will be taken to the payments created upon finalizing the bank statement.</li> <li>In the <b>Bank Statement Row - Details: Expanded</b> window, for bank statement rows whose posting method is <b>Business Partner from/to Bank Account</b>, you can now add sales orders and purchase orders using the <b>Add Open Documents</b> window. BSP will create down payment invoices or requests based on the orders.</li> <li>In the <b>Bank Statement Details</b> window, you can now finalize the bank statement even if the difference does not equal zero; and the starting balance of your current bank statement can be different to the ending balance of the previous one.</li> </ul>

## Inventory and Distribution

### Inventory and Distribution

Feature	Description
Context Menu	You can open the <b>Last Prices Report</b> for an item through the context menu in the <b>Item Master Data</b> window.
Display Vendor Name	In the <b>Preferred Vendor</b> field on the <b>Purchasing</b> tab in the <b>Item Master Data</b> window, the vendor name is displayed with the vendor code.
Item Master Data	<p>You can now do the following:</p> <ul style="list-style-type: none"> <li>Change the checkbox selection of <b>Purchase Item</b> for: <ul style="list-style-type: none"> <li>An item which is a child of a Bill of Materials (BOM).</li> <li>A parent item in a <b>Production BOM</b> or <b>Template BOM</b>.</li> </ul> </li> <li>Change the checkbox selection of <b>Sales Item</b> for an item which is a component of a <b>Production BOM</b> or <b>Template BOM</b>, if the item is not a component of another <b>Sales BOM</b> or <b>Assembly BOM</b>.</li> </ul>
Item Master Data	You can now choose <b>Purchase Item</b> for an item of type <b>Labor</b> or <b>Travel</b> .

## Business Partners

### Business Partners

Feature	Description
VAT Number Verification for German Localization	You can now verify business partners' VAT identification numbers with the Federal Central Tax Office using the <b>Verify VAT Numbers</b> option in the <b>You Can Also</b> button.

# Cross Module Topics

## Cross Module Topics

Feature	Description
Document Reference	<p>When you duplicate a document, you will see a system message by which you can choose whether to create a reference between the original and duplicate documents, or not.</p> <p>You can also choose whether to remember your answer and not show the message again.</p>
<b>Find Next</b> Rule Change in <b>Form Settings</b>	<p>Previously, in <b>Form Settings</b>, the rule of <b>Find Next</b> is <b>Start with</b>, which means that the application can search for the rows that only match the first words, while it cannot search for the rows with the search term in the middle.</p> <p>As of SAP Business One 10.0 FP 2011, the <b>Contains</b> rule is implemented instead of the <b>Start with</b> rule. When you enter a search term (word/ letters/ sentence), the application finds the first row that includes the search term. Pressing <b>Search Next</b>, the application goes to the next row that includes the search term.</p>

# Platform and Extensibility

## Platform and Extensibility

Feature	Description
SAP Crystal Reports, version for the SAP Business One application	SAP Crystal Reports 2016 SP8, version for the SAP Business One application is available, and MapInfo MapX 3.5 is now removed.
Service Layer Supports SQL Query	<p>As of SAP Business One 10.0 FP 2011, the Service Layer on the Microsoft SQL Server and SAP HANA supports a highly flexible SQL Query, with the aim of enhancing the service layer's query capability and to reduce the manual effort to deploy views.</p> <p>The entity <code>SQLQuery</code> is exposed in the Service Layer. Besides the ordinary CRUD methods, an additional bounded function <code>List</code> is exposed, for the purpose of performing the SQL statement execution represented by this entity.</p> <p>For more information, see the <i>SQL Query</i> chapter in the guide <a href="#">Working with SAP Business One Service Layer</a>.</p>
Support User-Defined Tables via Import from Excel	As of SAP Business One 10.0 FP 2011, you can import User-Defined Tables (UDTs) from Excel to avoid manually adding them one by one. In the <b>Data Type to Import</b> dropdown list of the <b>Import from Excel</b> window ( <b>Administration &gt; Data Import/Export &gt; Data Import &gt; Import from Excel</b> ), a new entry <b>User-Defined Tables</b> is available for you.
Adding Queries to Menu	<p>As of SAP Business One 10.0 FP 2011, you can add your queries to the SAP Business One main menu, so that you can execute it directly from the menu item.</p> <p>In the <b>Save Query</b> window, a new button <b>Assign to Menu</b> is available for you. You can select the <b>Menu Item</b> checkbox and specify the menu information to display the query from the SAP Business One main menu.</p> <p><b>i Note</b></p> <p>When the query is opened via a menu, it is only in display mode.</p>

Feature	Description
Add-ons Security Enhancements	<p>As of SAP Business One 10.0 FP 2011, the add-on security is enhanced. In the <a href="#">Extension Manager</a> window, a new tab <a href="#">Security Settings</a> is added.</p> <p>On the <a href="#">Security Settings</a> tab, if you select the <a href="#">Enable Security Certificate</a> checkbox, the security mechanism will verify add-ons that are registered with the Add-On Manager and read the certificate information of their main executable file.</p> <p>You need to issue trusted certificates for your add-ons and import the certificates. You can view or delete the imported certificates.</p>
Expose License Check Function in DI API	<p>As of SAP Business One 10.0 FP 2011, you can get the information via DI API whether a user has a license to access a form. A new function <code>GetLicenseStatus</code> is exposed in DI API.</p> <p>Input parameters: <code>UserName</code>, <code>FormID</code></p> <p>Output result: License Type (No, ReadOnly, Full)</p>
Service Layer Metadata2JavaScript Tool in Microsoft SQL Environment	<p>Previously, the <code>Metadata2Javascript</code> tool is available in the Linux environment only. With this tool, you can convert the SAP Business One metadata (UDF/UDO/UDT) to the JavaScript. However, you need to manually maintain JavaScript SDK in the Microsoft SQL environment.</p> <p>As of SAP Business One 10.0 FP 2011, this tool is available in the Microsoft Windows environment.</p> <p>For more information, see the <i>JavaScript SDK Generator Tool</i> section in the guide <a href="#">Working with SAP Business One Service Layer</a>.</p>
Service Layer Core Dump File	<p>You can now create dump files automatically in case the Service Layer crashes.</p> <p>In the Service Layer Controller, a new checkbox <a href="#">Core Dump</a> and a new button <a href="#">Download</a> are added.</p>
Service Layer JavaScript Extension oData Version 4.0	JavaScript Extension now works with oData Version 4.0 in Service Layer.
Expose HolidayDates in DI API and Service Layer	The <code>HolidayDates</code> object and <code>HolidayService</code> (DB table <code>OHL</code> and <code>HLD1</code> ) are exposed in DI API and the <code>Holidays</code> object is exposed in the Service Layer.
Expose AddressService in DI API and Service Layer	<code>AddressFormats</code> object and <code>AddressService</code> (DB table <code>OADF</code> ) are exposed in DI API and Service Layer.
Insert Rows to Production Order Grid via DI API	You can now insert rows at any place within the Production Order grid via DI API (for example, to insert item/resource component rows to a specific route stage).

## Lifecycle Management

### Lifecycle Management

Feature	Description
SAP Business One Components High Availability, version for SAP HANA	The primary License Manager and secondary License Manager are now registered into the System Landscape Directory with the virtual IP address during the installation.
SAP Business One Cloud Components High Availability	