

AMOS Business Suite

Version 10.2.00

Release Notes

Revision 1, April 2019

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IMPORTANT

This release of AMOS Business Suite is a full installation. Please ensure that you follow in-house back-up procedures prior to installation.

If you are upgrading from earlier versions of AMOS products than those immediately prior to this release, we recommend that you read all release notes for the version in between to familiarise yourself with the changes that have been made to the application between your current version and this one.

As of version 10.0.00 access to the Hooks which allow customising and extending AMOS Business Suite functionality, is licensed separately.

If your system already has customisations utilising this functionality in place, contact your local support office about extending your license to include access to hooks.

AMOS Business Suite supports the entry of Unicode data as of version 10.0.00. Refer to the Release Notes for that version, for an overview of the requirements related to upgrading to a Unicode compliant version of AMOS.

As of AMOS Business Suite version 9.2.00, to send order forms with multiple pages of items as emails with attachments it is required to install Ghostscript. Ghostscript is available at: http://www.ghostscript.com/

For instructions on installing and configuring Ghostscript, see the AMOS Business Suite Installation Guide.

The redistributable of Microsoft C++ 2010 (x86) is a pre-requisite of Xgantt.ocx.

To avoid any possible issues (unrelated to AMOS) that could arise after installing a new version of Microsoft Office, ensure that any previous version of MS Office has been fully removed from the system before beginning a new installation.

A new parameter was introduced with patch 8.6.19, Prevent Updated on Quotation with Selected Vendor. Customers who applied that patch and set the parameter will need to check/reset the parameter after upgrading to version 9 or above.

A new parameter has been introduced with version 10.1.00 (Default Settings > 'Weight Identifier'). To avoid issues with your system, it is necessary to set a value on it after upgrade to version 10.1.00 or above.

1 Compatibility

1.1 Testing

The AMOS Business Suite version 10.2.00 has been tested on the following:

SQL Anywhere 17 17.0.0.1359	Oracle 12c 12.2.0.1.0	Oracle 18c 18.0.0.0.0	MS SQL 2012 11.0.0.7001.0	MS SQL 2014 12.0.6024.0	MS SQL 2016 13.00.0.4001.0	MS SQL 2017 14.0.1000.169
Windows 2008 Server Enterprise Edition						
X			X		X	
Windows 2012 Server Enterprise Edition						
X				X		
Windows 10 Pro						
X	X				X	
Windows 2016 Server						
X		X				X

AMOS Business Suite is a 32 bit application. As such, it requires a 32 bit driver to connect to a database. 32 bit database drivers can connect to either 32 bit or 64 bit database servers. It is up to the RDBMS vendor to provide a 32 bit driver compatible with their 64 bit server software.

1.2 Support

AMOS Business Suite supports the platforms listed below within their own boundaries.

Regarding MS SQL, AMOS Business Suite 10.2.00 provides support through the ODBC and not using the SQL Native Client.

The AMOS Business Suite version 10.2.00 supports the following:

OS	DBMS
Windows 7 with SP1	SAP SQL Anywhere 12.0/16.0/17.0
Windows 8.1	Oracle 11g/12c
Windows 10	Microsoft SQL Server 2008/2012/2014/2016
Windows 2008 Server with SP2	
Windows 2012 Server	
Windows 2016 Server	

1.3 Windows Operating Systems

The development environment of the AMOS Business Suite and its third party components officially supports Windows 7, Windows 8, Windows 10, Windows 2008 with SP2, Windows Server 2012 and Windows Server 2016 Operating Systems.

Be aware that AMOS products rely on third party components and that these must also comply with these Windows versions. If the root cause of an issue resides with a third party component, SpecTec may not be able to address the issue.

AMOS Business Suite is a 32 bit application; therefore it will not utilise the 64 bit Windows platform to its fullest capacity.

NOTE: Warning Raised During Installation on Windows

While installing AMOS, the following message could be encountered:

'Windows protected your PC. Windows SmartScreen prevented an unrecognised application from starting. Running this application might put your PC at risk.'

The issue is in fact with the source the AMOS installer application was downloaded from. For example, it sometimes happens that Windows will flag a file downloaded from the internet as 'unsecure'.

You can disregard the Windows SmartScreen message and carry on with the AMOS installation, or, validate the installer.

To do that, right-click on the .exe file before launching it. Select 'Properties' from the pop-up menu. At the very bottom of the General tab, click 'Unblock' next to 'Security: This file came from another computer and might be blocked to help protect this computer.'

1.4 Other

AMOS e-Business Direct (AMOS HTML) was tested on the following e-mail clients:

Microsoft Office Outlook 2013

Microsoft Office Outlook 2016

AMOS Mail version 9.0 and 9.7

AMOS e-Business Direct (AMOS HTML) is compatible with:

Microsoft Internet Explorer version 5 or higher.

When utilising either the HTML/JSON or HTML/NoScript solution, AMOS e-Business Direct is now compatible with all major browsers.

AMOS Business Suite version 10.2.00 is compiled using:

Appeon PowerBuilder version 2017 R3 Build 1880

2 Framework

These release notes describe the enhancements and corrections made to the AMOS Business Suite Framework functionality from 10.1.00 to 10.2.00.

2.1 Enhancements

The following enhancements have been made in this release.

2.1.1 AMOS Updater

FD#79

AMOS Updater is an integrated solution that is aimed to automatize the Deployment of Standard Version Upgrades and Customizations.

This feature answers to the problems of upgrading Remote Sites as Vessels, difficult to reach and consequently difficult to manage their updates.

Please refer to Chapter 11 of AMOS Business Suite Reference Guide for details.

2.1.2 Single Sign On

"Single Sign On" Feature allows to login automatically with Domain credential on which the user is currently logged in Windows.

To do this, it is necessary to add properly the users using Import Domain User functionality from User Window.

Therefore the parameter Tools > Configuration > Parameters > Options > General > System Access > 'Allow Windows

Login Verification' should be set to Single Sign On

2.1.3 Alert / Alert Groups Custom Sorting

#44454

A new functionality was implemented to sort both Alerts and Alerts Group according to a sequence defined in Dashboard Alert Configuration.

2.1.4 Views: Custom Sorting

FD#1920, #3718

Defining Views, it is now possible to define the order in which they are listed in “Select View” Window.

This could be configured in ‘Options > Views Tab' using new sort column.

2.1.5 Silent Install / Upgrade Package

RT#35847

It was requested to install a silent installation package that determines whether AMOS is already installed and if so upgrade, if not, install.

This is possible recording new install and upgrade scenarios and merge all in one .ISS file using text editor.

2.2 Corrections

The following corrections have been made in this release.

2.2.1 Required Fields On Templates - Message During Template Visualization And Navigation

#47498

Formerly, when a user tried to view a template with more than one mandatory field defined on it from the Template base register, AMOS would pop up a 'Datawindow/Datastore Error' message.

In addition, when a user was working in a window where one of the tabs contained a template with more than one mandatory field defined on it, AMOS would interrupt them with a 'Mandatory Fields' message whenever they switched from one tab to another.

Now, when a template is in use, AMOS will scan it (within the module, not in the template library) for all columns flagged 'Required'. To allow for the check and possible message to take place during window saving only, the user must perform a change on the tab hosting the template.

When the user later on saves the window, AMOS will then warn the user if any required field is missing a value. AMOS will also scroll to the row, open the tab and set focus on the mandatory field where the value is missing.

AMOS will not force the user to enter data unless the user has actually made a change in the tab hosting the template.

If the user makes a change anywhere in the window but not on the tab hosting the template, AMOS will not perform the check during save.

2.2.2 Templates. Required Fields. Incorrect Validation If The Saving Is Performed On Multiple Records

#48107

Updating details on multiple Orderform, at least one of them containing template with Required fields and one not, the system returns the validation message 'A mandatory field is missing a value. Press OK to position into that field' several times, while it does not set focus on the correct field.

This has now been corrected.

2.2.3 Attachment On Components - Drag & Drop Functionality Does Not Work If The Focus Is On An Attachment Inherited From The Type

#47963

Considering a Component with at least one Attachment inherited from the related Component Type, if the focus was on that Attachment and the User tried to attach another file using Drag & Drop functionality, the action fails without showing any error message.

This has now been corrected.

2.2.4 Fatal Error Including PDF Or Word Document In Details Tab Using Enhanced Editor

#48295

On a Detail Tab of a Register on which Enhanced Editor is active, trying to insert a PDF or Word document using “insert OLE” function, the system returns a fatal error.

This has now been corrected, please note that, to connect External Files to registers, SpecTec strongly recommend to use Attachment feature.

2.2.5 Templates: Dialog Window To Import Template Definitions Didn't Appear

#48402, #48621

The dialog window that allows the User to import Template definitions didn't appear in case Microsoft Excel was installed and Microsoft InfoPath wasn't present.

This has now been corrected, therefore, in dialog type selection the entries corresponding to any of the previous two Products not installed are disabled.

2.2.6 Fatal Error Using AMOS Action Print In Purchasing WorkFlow

FD#4903

If AMOS Action Print is configured, defining a Workflow Transformation in Purchasing Module caused an error, this happened if another internal action is present within the same transformation.

This has now been corrected.

2.2.7 Unable To Set Mask And Rules Parameters For New Performance Evaluation Module

FD#4049

Creating a new AMOS Business Suite Database, it was not possible to set Masks and Rules for the new Performance Evaluation Module on related parameters, located in 'Parameters > Options > Maintenance':

- Performance Eval. Def. > Definition Numbert Mask
- Performance Eval. Def. > Definition Numbert Rule
- Performance Evaluation > Definition Numbert Mask
- Performance Evaluation > Definition Numbert Rule

This has now been corrected.

NOTE: This issue is not present on Databases upgraded from version 10.0.xx or earlier.

2.2.8 Templates: Dialog Window To Import Template Definitions Didn't Appear For Office 2010

FD#2486

The dialog window that allows the User to import Template definitions didn't appear in case Version 2010 of Microsoft Office is installed.

This has now been corrected.

2.2.9 Ribbon Bar Missing Icons

FD#590, #47714

Some areas of Ribbon Bar had missing icons, as well as they were originally not present on menus.

This has now been corrected.

2.2.10 Issue On Locking Within Same Transformation On Maintenance Module

FD#2136, #48650

On Maintenance Module only, applying multiple locks on same transformation, the result was locking according to first “lock type” only.

Therefore, within another single transformation, defining there an unlock action for certain lock type and a lock for another one, this configuration did not apply expected changes in the editability of the record, that maintains the original lock type.

This has now been corrected.

2.2.11 Error Inserting New Custom Action In Purchasing Module

FD#2135, #46556

Customizing AMOS Business Suite with Hooks Functionalities, if it was necessary to add a Custom Action on Purchase Module Workflow, the system returned an error “Unknown Action” when the Taylor-Made Code is called.

This has now been corrected.

2.2.12 Error Creating A Stock Wanted View

FD#2103

Creating a Private View for Stock Wanted, using “Display Wanted Quantities > 0 Only” option on filter, caused an error.

This has now been corrected.

2.2.13 Modules Do Not Open As Expected When There Is More Than A Module Content Defined In Module Access

FD#6923

Creating a Module Access with more than a Module Content defined and assigning this access to a certain Group, the related Modules do not open as expected.

This has now been corrected.

2.2.14 Export Trigger Issue

FD#7289

Updating new fields introduced in Table OrderLine in 10.1.10 and 10.1.20, VendorRef and PartDescription, this is not taken in consideration by Tru_Orderline trigger, consequently ExportMarker, LastUpdated and LastUpdatedUTC fields are not modified.

This has now been corrected.

NOTE: Please apply the fixing script you may find in SQL folder on databases already upgraded to AMOS Business Suite 10.1.20.

- ASA upgrade script 10120 (BZ_46637).sql
- MSS upgrade script 10120 (BZ_46637).sql
- ORA upgrade script 10120 (BZ_46637).sql

2.2.15 Columns Properties Issue Upgrading Microsoft SQL DB From AMOS Business Suite 10.1.00

FD#7271

Upgrading a Microsoft SQL Server Database from a earlier version to AMOS Business Suite 10.1.00 or later, column properties were wrongly updated, giving the possibility to set them to NULL.

Below the list of affected columns:

- Table AccidentReportOption Column PollutionQuantity
- Table AccountLog Column Quantity
- Table ComponentType Column CompWeight
- Table CompSpare Column Quantity
- Table CompTypeRequiredPart Column NoReserved
- Table CompTypeRequiredPart Column Quantity
- Table ContractDeliveryPlace Column MaxQuantity
- Table ContractDeliveryPlace Column MinQuantity
- Table ContractItem Column MaxQuantity
- Table ContractItem Column MinQuantity
- Table ContractItemDiscount Column Volume
- Table ContractItemSpareType Column MaxQuantity
- Table ContractItemSpareType Column MinQuantity
- Table CustomClearanceItem Column Quantity
- Table FinalisedItem Column Quantity
- Table MultiVendor Column MinOrderLevel
- Table OrderLine Column Cancelled
- Table OrderLine Column Desired
- Table OrderLine Column OriginalQuantity
- Table OrderLine Column Quantity
- Table OrderLine Column Received
- Table PurchaseContract Column MaxQuantity
- Table PurchaseContract Column MinQuantity
- Table QualityCheckLog Column Quantity
- Table QuotationLine Column Quantity
- Table QuotationLine Column VendorQuantity
- Table RequiredPart Column NoReserved
- Table RequiredPart Column Quantity
- Table SpareLocation Column InStock
- Table SpareLocation Column Level1Quantity
- Table SpareLocation Column Level2Quantity
- Table SpareLocation Column Level3Quantity
- Table SpareLocation Column Level4Quantity

- Table SpareLocation Column Level5Quantity
- Table SparePartLog Column Quantity
- Table SparePartLogArchive Column Quantity
- Table SpareType Column PartWeight
- Table SpareUnit Column NoRequisitioned
- Table SpareUnit Column ReorderLevel
- Table SpareUnit Column ReorderQuantity
- Table SpareUnit Column StockMax
- Table SpareUnit Column StockMin
- Table TransferDocument Column AdditionalWeight
- Table TransferDocument Column TotalWeight
- Table TransferLine Column Received
- Table TransferLine Column Rejected
- Table TransferLine Column Requested
- Table TransferLine Column Transferred
- Table Transport Column AdditionalDeliveryWeight
- Table Transport Column AdditionalWeight
- Table Transport Column TotalWeight
- Table TransportDocument Column AdditionalWeight
- Table TransportLine Column Quantity
- Table VoucherLine Column Quantity

This has now been corrected.

2.2.16 Attachment Error On Microsoft SQL Server Databases

FD#7922

On AMOS Business Suite 10.1.xx Microsoft SQL Server Databases, creating a new attachment and storing it in DB, a"Function Sequence Error" will appear, this happens if the file exceed 200 KB, avoiding the completion of process.

This has now been corrected.

2.2.17 Reporting Options: Attachments Set To Mandatory Upgrading Database To AMOS Business Suite 10.1.20

FD#8106, FD#7324

During upgrade to AMOS Business Suite 10.1.20 from version earlier than 10.1.10, Attachment Reporting Options were set to Mandatory on all related tables (Work Orders, Comp Jobs, Comp Type Jobs and Round) while they should be configured to Parameter by Default.

This has now been corrected, no action needed except for AMOS Business Suite 10.1.20, for this version is necessary to follow the instruction on relevant AMOS Business Suite 10.1.21 Release Note Item.

2.2.18 Error Retrieving Current Installation

FD#7547, FD#8551

Opening Amos, configured with the Parameter "Use 9 Digits For PK Counters" set to TRUE, it happened, after login, to have the following "Error getting current installation. No matching

data found.".

In order to continue, it was necessary to switch Department and select the desired one.

This has now been corrected.

2.2.19 Uninstalling AMOS Business Suite Does Not Clean Up Installation Folders

FD#404, RT#37171

The uninstaller does not automatically remove the all folders created during Installation Process.

This has now been corrected.

Note: If customization files are added in AMOS folders, these are not deleted as the relevant directories.

2.2.20 Extra Column In Address Table After Upgrade To Version 10.1.20

FD#8170

Ugrading AMOS to version 10.1.20 the upgrade process creates an extra column in table Address “userdeftext954”, this is not necessary for the standard work of the system.

This has now been corrected.

2.2.21 Procurement Workflow Locks And Refresh Allows To Save Changes Where It Shouldn't

FD#7305

If workflow is applied to a Purchase Order to a status where it supposes to be locked to that user, having order line window open all the time, the user was allowed to change the price where it shouldn't.

This has now been corrected, introducing a dialog that does not allow to proceed with workflow transformation if orderline are opened.

3 Maintenance & Purchase

These release notes describe the enhancements and corrections made to AMOS Business Suite Maintenance and Purchase functionality from 10.1.00 to 10.2.00.

3.1 Enhancements

The following enhancements have been made in this release.

3.1.1 Advanced Projects

A new Advanced Project Module was developed in order to be able to support the Dry Dock Process.

The following areas were addressed:

Project Definition

- Revisions of jobs / requirements for these jobs were introduced in order to be able to communicate and compare the correct iteration of a task to be performed.
- Project Activities were introduced in order to manage tasks that either has to be quoted for (services) or needs to be registered to be able to more correctly compare quotations (revenue lost, fuel cost, etc.).
- Customized Project Workflow has been implemented.
- Project Access was enhanced
- Project is provided with a list of contractors/yards to supply Quotations for the execution of the Project
- Project Specification, project reports and printouts updated with a new functionality

Quotation Process

- Existing procurement functionality were used as much as possible, however it has been enhanced to support the necessity to compare items from more than one source (form, non-quoted activities) in one overview.
- Price information is basing upon revisions of Project items
- A separate comparison window has been introduced for this purpose.

Financial

- It is possible to define the budgets for a Project that are not limited to one single financial year. Budgets affecting project order forms – restricted with project budgets
- The cost overview was revamped
- Currency could be defined on a project with its own rate
- Additional Costs can be defined on project for updating order forms and budgets

3.1.2 Counter And Measure Points Logical Deletion

FD#861, RT#41885

It has been introduced the functionality to deactivate Counters and Measure Points when they are no longer active in order to hide them preserving their historical information and references.

When a Counter or Measure Point will be deactivated:

- If the related Job is also connected to a calendar based frequency, the job shows this plan only as well as the related Work Order is rescheduled according to this criterion
- If the related Job is triggered by Counter only, this is removed and related Work Order is set to Cancelled.

3.1.3 In /Out Of Stock Enhancement: Comments & Budget

FD#69, FD#4317

The Consumption Comment feature has been modified, a Common Comment has been introduced in the header as well as it is always present in the lines (Consumption Comment parameter is no more necessary for this, so it was removed).

If the comment is added in the header, this will be applied to all lines where no specific comment is inserted.

All comments will appear with the in/out of stock registrations on the Stock Transactions window.

Same logic has been applied to manage Budgets in In / Out Stock Window.

3.1.4 Issuing A WO Without Printing' Feature

#28466, #29675, #45550

A new Maintenance Parameter 'Issue Work Orders without Printing' (located in 'Parameters > Options > Maintenance') has been introduced to give the opportunity to Issue a Work Order without Printing it.

Default value of the Parameter is FALSE (current system behaviour). To enable the new functionality, the Parameter should be set to TRUE.

3.1.5 Mandatory Attachments When Reporting Work

#34170

Two new Maintenance Parameters 'Report Attachments by Default' and 'Requisition Work, Report Attachments by Default' (both located in 'Parameters > Options > Maintenance') has been introduced to allow the User to set as 'Mandatory' the Attachment reporting a Work Order.

This option follows the same logic as the ones already in place for 'Stock/Resources Used' and 'History'; it can be set as Mandatory and in that case the User will not be able to deselect it while reporting on the relevant Job.

Selecting a setting from the drop down list for each one defines the behaviour of the corresponding check-box for that option in the Report Work window. The same options can be predefined on Rounds.

Default value for both Parameters: FALSE.

3.1.6 Attachments To All Jobs In Maintenance Log When Reporting Round Work Orders

#47638

A new tab 'Attachment' has been added in the 'Round Summary' window upon reporting a Round Work Order with Full Reporting Method. This functionality allows the User to connect

any Attachment added there to ALL Maintenance Logs.

3.1.7 Lock Quotations When Form Is Locked On Work Flow

#25318

When a Lock on Order Forms is applied within the Purchase Work Flow, also the related Quotation tab is locked as well. In this scenario, User is not allowed to 'Add / Delete / Edit' Quotations.

3.1.8 Validate Vendor QA Grade At End Of Purchasing Cycle

#33398

Vendors in AMOS Business Suite have QA Grades that present the column 'In Use', this can be used to, for example, have a QA Grade 'Blacklisted' which indicates a supplier no longer in use.

If a Vendor is not 'In Use', the User cannot select it. However, it can happen that a Form exists for a considerable amount of time and, originally the Vendor selected was 'In Use', but now not any more.

For this reason, a new feature has been implemented checking a Vendor which at present is no longer 'In Use', but is defined against a Form; in this scenario, the system behaves as follows:

- When changes to that Form are saved, system will prompt to the User that the selected Vendor has a QA Grade which does not allow to issue a PO; the changes are correctly saved in the system after 'OK' is pressed.
- When issuing the PO (Print original or E-mail or E-Business), system will not allow the User to proceed informing the User that the QA Grade of the Vendor does not allow to send out a PO to them.

Quotations will work as well with a similar mechanism:

- System will check whether a Vendor cannot be added to a new Quotation if it has the QA Grade not 'In Use'.
- Advise with a proper message the User, as done for Order Forms, when he makes changes on a Quotation for a Vendor that has a QA Grade not 'In Use'.
- Don't allow to send out a Request for a Quote to a Vendor that is not 'In Use', informing properly the User with a message.

3.1.9 Set Location Receiving PO

#4233, #26609, #47175

A new access 'Allow to Add Any Location on Receive Window' has been added in 'Access Control > Functions tab > Purchase'.

When the new access is not checked, system behaves as currently does: receiving a PO, the User is allowed to select only the Location(s) already defined for the Stock Item(s).

If the access is checked, when receiving a PO, the User is allowed to select ANY Location from Locations list for the Stock Item(s) with the following rules:

- If the Stock Item(s) has no Location(s) defined, the system will show ALL the Locations from locations table.

- If the Stock Item(s) has at least one Location already defined, the system will show by default only the already defined Location, but the User is allowed to lookup ALL the other Locations (using button 'Click to list all location'). If the User selects an unregistered location, the system will add the related Spare Location, receive the quantity and create the proper Stock Transaction(s).

3.1.10 Work Order Field Chooser: Additional Column

FD#1111, #48590

In the Field Chooser of Work Orders, Description of Function Criticality is added, therefore, the Indicator field is now described as Func. Criticality Indicator and the related column name is modified from Crit. to FCI.

3.1.11 Order Line Field Chooser: Additional Column

FD#487, #42613

In the Field Chooser of Order Lines, the option to list the Stock Minimum and Stock Maximum Levels of the Stock Item and the Total Quantity in Stock was added.

3.1.12 Resource Activity Register Controls

FD#858, #48027

New controls are added for Resource Activity Registers:

- It is not possible to have more than one record with same description in Resource Activity Register.
- It is not possible to have more than one active record with same description in Resource Activity Status Register.

3.1.13 Report Improvements On Inventory Reports

FD#1062, #7876

Printing out the Stock Control (Stock >Control) and Inventory Control Report (Tools >Reports >Stock Items >Stock Items - Inventory Control), it is now possible to indicate that only Stock Items which are actually in Stock (Total In Stock > 0) should be included in the printout.

Therefore, on same filters, it is now to possible to list Stock Items that were ordered in the past, checking if they are present in Order Lines on AMOS Business Suite.

- On Stock >Control filter, the options '[ ] Stock Quantity > 0 only' (unchecked by default) and '[ ] Item Ordered in the Past' (checked by default) are included.
- On Tools >Reports >Stock Items >Stock Items - Inventory Control, the options '[ ] Stock Quantity > 0 only' (unchecked by default) and '[ ] Item Ordered in the Past' (checked by default) are added to the filter.

3.1.14 New Option To Print Out Part List From Component's Tab Parts

FD#346, #32031

It is now possible to print Stock Items List or Details not only from Stock Items Menu, but also on Component Unit and Component Type > Parts Tab using new "Print Parts" Button.

3.1.15 MTML Portal Driver

A portal driver was introduced to integrate any portal provider that uses MTML Standard Protocol.

This format should be configured in Tools -> Configuration -> e-Business -> Portal Format, using following parameters:

- Driver: mtmlv15.pfd
- Export function: f_portal_mtml_export
- Import function: f_portal_mtml_import

3.1.16 Purchase Contract Payment And Delivery Terms Application Onto PO

FD#6283

When a Purchase Contract is applied to an existing Order Form the Payment Terms and Delivery Terms on that form are now overwritten by the ones defined on the Purchase Contract.

When releasing a Purchase Contract from an Order Form the Payment and Delivery terms are reverted to the ones defined as default for that Supplier.

3.1.17 Purchase Contract Payment And Delivery Terms Application Onto PO

FD#6283

When setting this Purchase Unit, and applying a contract to an Order Form with this item on it, the Purchase Unit is now applied to that Order Form.

On the Purchase Contract, for the item, it is possible to set the Unit that was renamed to Purchase Unit and it is possible to define the Factor as well and to add the Storage Unit to visualize what the factor is applied to.

When a Purchase Contract is applied to an Order Form, the price and discount details are calculated as before, but also the Purchase Unit as defined against the Purchase Contract Item considering the factor defined there.

3.2 Corrections

The following corrections have been made in this release.

3.2.1 Round Reporting Summary Window Too Small

#32263

When reporting a Full Round, the Summary window was too small, especially when dealing with templates.

This has now been corrected; the window has been enlarged and it can be resized.

3.2.2 Slow Performance Opening Transfer In Window

#45383

Opening 'Transfer In' window was really slow due to how the system performed the query.

Now the performance has been improved changing the order of the checks that the system executes to properly load the window.

3.2.3 Work Classification Info Shows IDs Instead Of Descriptions When Work Order Window In Global Search Mode

#47540

If Sharing is set per Installation for Work Classification Registers ('Maintenance / Cause', 'Maintenance / Class', 'Maintenance / Type'), filtering Work Order in Global Search mode, System showed the related ID instead of the Description for each Work Classification info.

This has now been corrected.

3.2.4 Remote Opening Functionality For Form No. Field In Work Order Window Didn't Work Properly

#48070

On Work Orders linked to Order Forms Service Line Items, if the User tried to remote opening the Order Form from Additional Into tab double-clicking on the code, nothing happened.

This has now been corrected.

3.2.5 Report Work Data Were Not Properly Saved When Excel Was Used As Template And The History Was Mandatory

#48278, FD#1220

Connecting an Excel as History Template and checking History option to make it Mandatory, during Report Work, even though the proper information are correctly inserted in the template, saving, system returned a warning message 'The option is checked but no data is entered', the User was not allowed to proceed and the data was not saved.

This has now been corrected.

3.2.6 Filtering For 'Stock Type Criterion' Returned All The Items Even If Commodity Purchase Parameter Is Set To TRUE

#42388

If Parameter 'Commodity Purchase' was set to TRUE, creating an Order Form associated to a certain Stock Class and trying to link a Part to an Order Line, the system listed all the Parts and not only the Item(s) belonging to the selected Stock Class.

This has now been corrected, therefore Stock Class on Spare Part and Spare Type lookup filters are disabled on Order Link Item Part No. lookup.

3.2.7 Attachments Saved In Wrong Folder In Global Search Mode

#28900

When 'Graphic Folder' is shared by Installation and User filtered Order Forms using Global Search, if User selected an Order Form that belongs to an Installation different from the one on which he was switched to, any Attachments added on that Order Form ended up to the wrong directory.

This has now been corrected.

3.2.8 Order Line Vendor Reference Not Saving

#21445, #25772, #26904

If Parameter 'Auto-Update Multi-Vendor Details from Line Item' was set to FALSE and User created a new Line Item in an Order Form entering a Vendor Reference, the info was not correctly saved and shown by the system even if the User exit and re-entered in Line Items screen.

This has now been corrected.

3.2.9 Fatal Error On Purchase Contracts Filter Pressing Cancel Button

#48635

On Purchase Contract Filter, trying to press cancel button, the system returned a fatal error.

This has now been corrected.

3.2.10 Fatal Error On Component Type Jobs Pressing New Or View Button

FD#2126

On Component Type, in Jobs tab, trying to create a new Job or view an existing one, the system returned a fatal error when Risk Assessment Module is not activated.

This has now been corrected.

3.2.11 Abnormal Behavior Receiving A PO

FD#4706

Using Cost Centre Account on Procurement, after receiving a complete Purchase Order, saving and confirming to file it when to the parameter ‘Auto-File Fully Received Form’ is set to FALSE, the system asked to save again.

This has now been corrected, no save needed.

3.2.12 Stock Item Filter: Cancel / Close Fatal Error

FD#2004, FD#2609, FD#2879, FD#4282, #48634

Using the keyboard to tab into the Last Purchase Price field on a new Stock Type entry did not automatically select the '0' in the field and overwrite it with the value the user typed in.

This has now been corrected.

3.2.13 Duplicates In CompJobCopy

FD#4023

Inserting a new Job, also if this was completely linked to its related Job Type, the system inserted a “useless” record in CompJobCopy Table, that manages the link between fields of Job Types and Jobs, in some cases this leaded to visualization of duplicated jobs in GUI.

This has now been corrected.

3.2.14 Employee Additional Info Does Not Open

FD#2024, FD#2942, #48655

Within Employee Register, selecting additional info causes an error “error sharing data” and desired details are not displayed.

This has now been corrected.

3.2.15 Possibility To Edit Component Type Details At Component Unit Level

FD#2586

Opening Component Unit Window, it was possible to edit Component Type Details.

This has now been corrected.

3.2.16 "Include Non-responsible" Checkbox Is Not Cleared

FD#2005, #48627

Opening the Work Orders filter, then checking the "Include non-responsible" checkbox, this was not unticked as expected when the clear button of the filter was pressed.

This has now been corrected.

3.2.17 Quotation Refreshing Issue On Quotation Line Currency Code

FD#1754, FD#2903

On Quotation window, changing Quoted Currency and then calculating Quoted Price, the system did not visualize the converted price opening the quotation lines due to a refreshing issue, it should necessary to close the quotation and its lines and open them again to see the correct information.

This has now been corrected.

3.2.18 Wrong Labels On History Details Report

FD#1939

Opening History Details Report (Tools > Reports > History Reports > History Details):

- "Counter when reported" displayed "Months" after the value of counter instead of proper Counter Type
- The label that describes frequency information was printed as "Current Counter" instead of "Frequency"

  This has now been corrected.

3.2.19 Stock Wanted Issue On Below Reorder Level Filter

FD#723, #48431

On Stock Wanted Filter, selecting “Stock Level below Reorder Level” or “Stock Level below Minimum”, the system listed also stock items whose In Stock is more than Reorder Level or Minimum.

This has now been corrected.

3.2.20 Credit Note Amount Wrongly Registered In Budget Overview On Standalone Vouchers

FD#1579

Amount on budget overview of Standalone 'Credit Notes' (not connected to Order Form) was not possible be registered under Paid instead of Committed.

This has now been corrected, giving the possibility to check ‘Final Invoice’ flag as for invoices.

3.2.21 Function Hierarchy Performance Optimization

FD#7528

It was identified a Code Optimization that increases Performances opening Function Hierarchy Window.

3.2.22 Stock Control Incorrect Retrieval

FD#7442

Opening Stock Control, items shown are not limited to current department sharing configuration.

This has now been corrected.

3.2.23 Quotation Compare Scenario Wrong Calculation For Free Text Lines

FD#7590

Configuring a Quotation Compare Scenario with Last and Best Purchase Price Option, considering free text line items in a query, BPP / LPP calculation is not skipped as expected for these, but retrieved among all stock items present in the Database.

This has now been corrected.

3.2.24 Stock Control Performance Issue On Oracle DB

FD#8107

Opening Stock > Stock Items, it was identified a slowdown of performances on Oracle DB.

This has now been corrected.

3.2.25 Contract Items And Prices Misaligned On Contracts

FD#7625

Opening Purchase > Contracts > Contract Items Tab, expanding the items and scrolling vertically, the prices were not correctly aligned with related stocks.

This has now been corrected.

3.2.26 Expanding Zones Error In Contracts

FD#6553

Selecting Purchase > Contracts > Contract Item Tab, after a Revoke Issuing, if a Zone were expanded without Refreshing, a DataWindow Error appeared.

This has now been corrected.

3.2.27 Reference Field On Stock Transaction Resized

FD#8524

Selecting Stock > In / Out of Stock and creating a transaction with Reference field containing 50 charactersafter, this was truncated in Stock Transaction Log to 20 characters.

This has now been corrected.

3.2.28 Fatal Error Creating New Spare Item From PO Lines

FD#6610

If Parameter Use Stock Types is set to FALSE, on an Orderline inserting a part code that does not correspond to anythung present in the Database, a fatal error appeared.

This has now been corrected.

3.2.29 Work Planning Filter Issue

FD#6437, FD#8313

If Planning Module License is not active, selecting Maintenance > Work Planning > Filter, an Database error is displayed and the functionality is not accessible.

This has now been corrected.

3.2.30 Information Truncated In Standard Requisition Printout

FD#7808

Printing out a Requisition with long name, this was cut off, same happened for Department Name.

This has now been corrected.

3.2.31 Last Page Button On Print Preview Work Doesn't Work

FD#1941

Opening following wirdows

- Maintenance > Work Orders
- Stock > Transfer Document
- Purchase > Forms
- Purchase > Deliveries
- Financial > Voucher

On Print Preview, Last page Button moved only to Next Page.

This has now been corrected.

3.2.32 Maintenance Log Using Function Filter

FD#7644

Filtering a Maintenance Log by a function does not return expected results.

This has now been corrected.

3.2.33 Transport Document Unable To Print

FD#6311

If Parameter "Auto-Calculate Weight On Transfer And Transport Docs" is set to NEVER, printing a Transport Document an error occurred.

This has now been corrected.

3.2.34 Maintenance Log With State Completed And Date Done For Not Reported WO

FD#8317

Opening Maintenance Log from an Issued Work Order that does not have any Log Records connected, system shows a done date and completed status.

This has now been corrected, advising with a warning "No Matching Data Found".

3.2.35 Toggle Numbers In Function Hierarchy Does Not Work Properly Using A Oracle DB

FD#6335

On Oracle DB, when System Parameter Options > Maintenance > 'Hierarchy, Show numbers is set to TRUE, clicking on Toggle Numbers in Toolbar of the Function Hierarchy does not show all levels, therefore clicking again twice Toggle Numbers butting get as result that treeview panel disappears

3.2.36 Cancelled Line Item Not Correctly Managed By Outstanding Forms

FD#4719, FD#8826

During Receive Process, cancelling an certain amount on a line item, in case this results to complete the PO receipt, this one is correctly set to Filed, but after a checking outstanding forms on one of cancelled spares, the form is reactivated again.

This has now been corrected.

3.2.37 Delete Button Enabled For Quotation Lines Connected To Orderline

FD#7842

Button/Option 'Delete' should be disabled on a quotation line assigned to an order line. Only Additional and Alternative quotation lines can be removed.

This has now been corrected.

3.2.38 Purchase Contract Rule Does Not Work

FD#6282

Setting a rule for Purchase Contract in >Tools >Configuration >Parameters >Audit-Numbering >Contract Number Rule, this does not generate the Purchase Contract Number accordingly.

This has now been corrected.

3.2.39 Quoted Unit Does Not Round Up Quantity Even If UOM Does Not Allow Decimals

FD#6287

Creating a query with orderline and quoted unit that does not allow decimals, if quoted quantity is not a multiple of orderline error message appears advising that decimals not allowed for Purchase Unit, instead of round up the quoted quantity in order to be consistent with the request.

This has now been corrected.

3.2.40 Project Job Refresh Issue

RT#43515

Adding a first job to a project section, this results not editable unless a new job is added or a refresh is performed.

This has now been corrected.

3.2.41 Users Without Proper Rights Are Able To File Purchase Orders

RT#21856

No WorkFlow is in use.

User is member of a group that has no access to convert a PO to status Filed (this is important as they want to set up the system that only the office users can do this - no-one on site).

That user receives a PO. Complete. System prompts at the end whether or not to File the PO.

When user has no access to File a PO, the user should not be offered the possibility to do so this way either.

This has now been corrected.

3.2.42 Issue Reporting Work From Function / Component Hierarchy

FD#6363

Any user having Component Read Access Rights only was unable to Report Work from Function or Component hierarchy Windows

This has now been corrected.

3.2.43 Expand Contract Items Hierarchy Doesn't Display Correctly

FD#8554

Opening Purchase > Contracts > Contract Items Tab, expanding the items, the list has missing ones, even after scrolling vertically.

This has now been corrected.

4 System Parameters

The following new system parameters have been added in this version.

Directory Settings

Tools > Configuration > Parameters > Directory

Unpacker Directory

This directory defines the location of unpacker application, necessary to manage AMOS Updater Jobs. The default setting is the Unpacker sub-folder in the ABS Installation folder

See "AMOS Updater" on page 6.

Workflow

Tools > Configuration > Parameters > Options > General > Workflow

Use Workflow in Project

Set this parameter to TRUE to use a custom defined Project Work Flow configuration. Possible values: True, False.

See "Advanced Projects" on page 14.

Maintenance

Tools > Configuration > Parameters > Options > Maintenance>

Issue Work Order Without Printing

Set this parameter to TRUE, Print Dialog will not appear when 'Issue' Action is performed on any Work Order. Set to FALSE, the System will require Work Order to be printed when 'Issue' Action is performed. Possible values: True, False.

See "Issuing A WO Without Printing' Feature" on page 15.

Open Advance Project

Set this parameter to TRUE, Advanced Project feature will be activated, anyway it would be possible to retrieve the Projects managed with standard module, selecting Options > Open Project History. Possible Values: True, False.

See "Advanced Projects" on page 14.

Report Attachment by Default

The Attachments checkbox under Reporting Options when reporting work performed on a Work Order will be checked by default when this is set to TRUE. Possible Values: True, False.

See "Enhancements" on page 14.

Requisition work, Report Attachments by Default

This parameter controls whether the Report Attachments option when reporting requisition work orders is switched on or off by default. It's possible to override the default setting on a requisition work order itself or from the Requisition Work dialog window. The default setting is taken from the value set on 'Report Attachments by default'. Possible values: True, False.

See "Enhancements" on page 14.

The following system parameters have been removed in this version.

Stock

Tools > Configuration > Parameters > Options > Stock >

Consumption Comment

According to modification in In / Out of Stock Window, this parameter is no more in use, so it is removed.

5 Database

This section outlines the changes to database structure from AMOS Business Suite version 10.0.30 to version 10.1.00.

5.1 New Tables Including Fields

NOTE: New sharing settings have been added for all new tables, at Tools > Configuration > Parameters > Sharing > Tables > .

New Table	**New Fields**
AdditionalCostProjCateg	AdditionalCostProjCategID AdditionalCostID ProjectCategoryID DeptID ExportMarker LastUpdated LastUpdatedUTC
ClientSurvey	ClientSurveyID CreatedDate SiteID ComputerName IsCurrent AmosVersion DbVersion IniFilePath ExeFolder DbmsVersion OsVersion OfficeVersion InstallationList LicenseInfo ExtraInfo ExportMarker LastUpdated LastUpdatedUTC ExportMarkerBlob LastUpdatedBlobUTC

New Table	New Fields
ClientSurveyFile	ClientSurveyFileID ClientSurveyID ModifiedDate Location FileName Md5 FileSize RequestFile FileContent ReplaceWithID ExportMarker LastUpdated LastUpdatedUTC ExportMarkerBlob LastUpdatedBlobUTC
ClientSurveyLibraryFile	ClientSurveyLibraryFileID FileContent ExportMarker LastUpdated LastUpdatedUTC ExportMarkerBlob LastUpdatedBlobUTC
FuelType	FuelTypeID Code Description DeptID ExportMarker LastUpdated LastUpdatedUTC

New Table	New Fields
ProjectActivity	ProjectActivityID ProjectItemID ProjectActivityTypeID Code Description Notes Currency EstUnitID FuelTypeID EstQuantity EstCost EstTotalCost IncludeInSpec ActUnitID ActQuantity ActCost ActTotalCost DeptID BudgetCodeDefID ExportMarker LastUpdated LastUpdatedUTC ExportMarkerBlob LastUpdatedBlobUTC
ProjectActivityQuote	ProjectActivityQuoteID ProjectActivityID ProjectContractorID ProjectItemRevisionID Currency EstUnitID EstQuantity EstCost EstTotalCost DeptID ExportMarker LastUpdated LastUpdatedUTC

New Table	New Fields
ProjectActivityType	ProjectActivityTypeID Code Description Notes IsDefault Active IncludeInSpec UnitID LostRevenue FuelTypeID DeptID ExportMarker LastUpdated LastUpdatedUTC ExportMarkerBlob LastUpdatedBlobUTC
ProjectActivityTypeCateg	ProjectActivityTypeCategID ProjectActivityTypeID ProjectCategoryID DeptID ExportMarker LastUpdated LastUpdatedUTC
ProjectAdditionalCost	ProjectAdditionalCostID ProjectID ProjectSectionID ProjectItemID AdditionalCostID CostReference EstCurrencyCode EstimatedCost ActCurrencyCode ActualCost BudgetCodeDefID DeptID ExportMarker LastUpdated LastUpdatedUTC

New Table	New Fields
ProjectBudget	ProjectBudgetID ProjectID BudgetCodeDefID DeptID ExportMarker LastUpdated LastUpdatedUTC
ProjectContractor	ProjectContractorID ProjectID ContractorID Currency ExchangeRate EstimatedDays RevenueLostDay Comments DeptID ExportMarker LastUpdated LastUpdatedUTC
ProjectFuel	ProjectFuelID ProjectID FuelTypeID UnitID Price DeptID ExportMarker LastUpdated LastUpdatedUTC
ProjectItem	ProjectItemID ProjectSectionID Code IncludeinSpec BudgetCodeDefID BudgetDate Capitalized Conditional DeptID ExportMarker LastUpdated LastUpdatedUTC

New Table	New Fields
ProjectItemAccess	ProjectItemAccessID ProjectID Sys_group_id AccessLevel ReadAccess EditAccess InsertAccess DeleteAccess ProjectItemStatus Active DeptID ExportMarker LastUpdated LastUpdatedUTC
ProjectItemRevision	ProjectItemRevisionID ProjectItemID Description Rev ProjectItemStatus DeptID ExportMarker LastUpdated LastUpdatedUTC
UpdaterRequest	UpdaterRequestID Status CreatedDate CreatedBy Description AmosFromVersion AmosToVersion DbFromVersion DbToVersion ExportMarker LastUpdated LastUpdatedUTC Comments

New Table	New Fields
UpdaterRequestPack	UpdaterRequestPackID UpdaterRequestID PackType PackContent ExportMarker LastUpdated LastUpdatedUTC ExportMarkerBlob LastUpdatedBlobUTC
UpdaterRequestInst	UpdaterRequestInstID UpdaterRequestID ForSite ExportMarker LastUpdated LastUpdatedUTC
UpdaterRequestClientLog	UpdaterRequestClientLogID UpdaterRequestID ComputerName Status TempLogFileLocation Log ExportMarker LastUpdated LastUpdatedUTC ExportMarkerBlob LastUpdatedBlobUTC

5.2 New Fields In Existing Tables

Existing Table	New Fields
Systeminfo	InstalledBuild
AmosUser	DomainName WindowsUser
AlertGroup	SortOrder
DashboardAlert	SortOrder
ScreenConfig	SortOrder
AdditionalCost	DefaultOnProject
CompTypeJob	MandatoryAttachment
CompJob	MandatoryAttachment
CompJobCopy	MandatoryAttachmentCopy
Round	MandatoryAttachment
WorkOrder	RequisitionMandatoryAttachment
CompCounter,Active	Active
CompMeasurePoint,	Active
FunctionCounter,Active	Active
Project	BudgetDate BudgetCodeDefID Capitalized ContractorID CurrencyCode FixedRate IncludeInSpec UserDefDate01 UserDefText02 UserDefVal01 UseExchangeRate Version WorkFlowStatusID
ProjectSection	BudgetCodeDefID BudgetDate Capitalized IncludeInSpec

Existing Table	New Fields
ProjectJob	Conditional ExtraWork IncludeInSpec ProjectItemID
RequiredDiscipline	IncludeInSpec
RequiredPart	IncludeInSpec
OrderForm	ForProjectItemID ForProjectSectionID ProjectID
AdditionalCostOrderForm	ProjectAdditionalCostID
OrderLine	PartDescription ProjectActivityID ProjectRevisionID VendorRef
QuotationLine	PartDescription VendorRef
ContractItemSpareType	Factor
BudgetCodeDef	Capitalized
BudgetCode	Capitalized