Expense Management for Microsoft Dynamics NAV

Change Log - Version 4.00

CHANGES 4.00.07

Bug Fixes

Area	Description
Platform	▪ A user with a limited permission set including CEM-NAVUSER could not use the function Send to Expense User on the pages Expense Card or Expenses. The user would get the following message: You do not have the following permissions on TableData CEM Synchronization Log: Read.
Document Approval	▪ We have added read/write permissions to the dimension allocations table. ▪ Performance optimization when approving or rejecting documents in the Continia Web Approval Portal has been carried out.
Expenses	▪ We have fixed an issue where an expense was posted without an amount when the Matching Method would have been Never Required and the Vendor on the user would have had a currency specified. ▪ When expenses were allocated based on the sales tax, the functionality was not calculating correctly the tax amount. ▪ We have fixed an issue where automatically expected would not inherit Extra Fields from the main expense to the allocation lines. This was mainly a concern for the Sales Tax automatic allocation. ▪ When posting a reconciliation journal, the following error would appear if the statement lines were manually inserted (without having an underlying statement transaction). *The Bank Transaction does not exist. Identification fields and value Entry No. = "0"* ▪ We have fixed an inconsistency error which was present when posting an expense where the default dimensions were changed during the posting. The error would come up with messages similar to the ones below. *"The changes to the Expense record cannot be saved because some information on the page is not up-to-date. Close the page, reopen it, and try again."* *"Inconsistent read of field(s): 'Global Dimension 2 Code', on table 'Expense', identification values: 'Entry No.='xxxx''"* ▪ In a settlement where Cash and non-Cash expenses would have been found, out of which some had Jobs specified, the balancing account would have been calculated incorrectly and therefore the expense would be posted as if it was Cash when the expense was not marked as such. This is found in systems where "Matching Required" is Never. ▪ When automatically allocating due to sales taxes, the Tax Area Code was not copied to the tax lines. If "TAX AREA CODE" was a mandatory field, the expense would have encountered an error in the mobile app, preventing the sending. The user was supposed to manually type the "TAX AREA CODE" values on all the allocation lines. ▪ When trying to merge an allocated expense, you would get the error message "Expense %1 cannot be merged when it has been allocated to one or more lines". With this update, the parameter %1 will be updated with the expense entry number. ▪ When sending a reminder email to the expense users we would in some cases give a wrong message or no message to explain the choices.

Area	Description
	Wrong message: "*This expense contains values that have not been synchronized to Continia Online. This is required before this expense can be sent to the expense user. Would you like to synchronize values with Continia Online?*" The message should have said: *"Do you want to send a status e-mail to all the users or only to the selected ones?"*
Per Diem	▪ The Add to Settlement action on the Per Diems list, allow you to choose from a list of Settlements. The list showed all Settlements. It should only show Settlements with the same Continia User ID as on the selected Per Diem. This has been fixed. Now it works as for Expense and Mileage. ▪ When adding a Per Diem to a Settlement you get the error *"Record(6086387) is not compatible with Codeunit.Run(Record(6086320))."*
Mileages	▪ It was possible to change dimensions on a posted mileage. With this release, that's no longer possible. ▪ We have prevented creating a mileage rate without starting date.
General application	▪ A document was not sent back to the expense user if a reject comment would have not been specified. ▪ In the Configured Fields form in the classic client we displayed the following message in English: "Details are only displayed for Per Diem". Now the message is translated to the user's language. ▪ On the Settlement Card in the Classic client (NAV 2009 R2), when displaying a Per Diem line on the Settlement, and choosing Card from the Line menu button, it would display a Mileage. ▪ We have fixed an issue that was leading to desynchronization issues on subdocuments belonging to a mileage. When documents were being downloaded in Business Central, if the user would have modified the documents, the last change of the user would have never been downloaded inside Business Central. The sub-document would have failed in the Inbox with an error. ▪ A document was not sent back to the expense user if a reject comment would have not been specified. ▪ We have improved the functionality that was dependent on the permission sets name, so that renaming of permission sets will not affect the behavior. ▪ It was possible to post documents with a job but without a task. This was misleading, and an error message is now displayed when a task is expected. ▪ In MS Dynamics NAV 2009 RTC, the expense fact box was not displayed. This issue has been fixed. ▪ A confirmation dialog that was displayed when web services were created in Expense Management has been removed. This was causing a problem when upgrading from EM 6.50 to 7.00. *"The function UpdatePerCompany in the company initialization codeunit 6086102 in company <Your Company Name> has failed due to the following error: 'Microsoft Dynamics NAV Server attempted to issue a client callback to show a confirmation dialog box: Do you want to update all web services for Continia Online? (CodeUnit 6086360 CEM Create Web Services). Client callbacks are not supported on Microsoft Dynamics NAV Server."* ▪ Reopening a document was not possible if there were un-processed inbox entries. We are now allowing reopening if the document is Pending Approval or Approved. ▪ We have fixed an issue that was leading to desynchronization of versions.

Area	Description
	▪ We have fixed an issue that created inconsistencies in a Settlement if it was re-sent to the expense user. In the Expense App, its subdocuments would have not been shown while in the Expense portal they were shown but non-editable. ▪ The Expense Setup Wizard could fail if the system had many Product Posting Groups. This has been fixed. ▪ We have fixed an issue on the Posting Setup, when copying the Expense or Mileage Account to the actual document. If no account was found on that user, it would have taken a posting account from any other user. ▪ Preview posting was sometimes failing with the error below when default dimensions were configured on accounts that were external to Expense Management (for example, a G/L Account). The functionality would have tried to copy those default dimensions back to the expense document. The functionality was failing to find the Expense Management document because, in preview mode, the relation between the expense document and the un-posted document '***' doesn't exist. *The Expense Header does not exist. Identification fields and values: Document Type='Settlement',No.='***'* ▪ "Tax Area Code" and "Tax Group Code" were missing on the Settlement expense subpage. ▪ When synchronizing, there was functionality to recalculate mileage across all companies. This code was triggering permission errors when the user that synchronizes would have not had permissions on all the companies. We have changed the functionality so that it skips the calculations when the user doesn't have enough permissions. We do not foresee a major downside in doing so, as this calculation was mostly for presentation purposes. A mileage will always be recalculated before posting. ▪ Reimbursed amount was not shown for user paid corporate credit card.

CHANGES 4.00.06

Bug Fixes

Area	Description
Platform	▪ When exporting "Default User Setup" with Expense Management Assisted Setup, a username longer than 20 characters would have caused an error. ▪ Limited users which were assigned the permission set "CEM-NAVUSER" were able to see all the documents in Business Central, even though they should have not had access. ▪ In a multi-company installation if the users were exported from one of the companies that didn't have Expense Management activated (while at least one other had it activated) the users were deleted from Continia Online because a wrong version was exported. The users can be recreated by exporting from the company where Expense Management is activated. The issue was found in versions from MS Dynamics NAV 2015 and onwards. ▪ When exporting users, in versions before MS Dynamics NAV 2016, the user export would have failed if the username was longer than 20 characters. *"String length is 25 but it has to be smaller or equal than 20 characters. Value: "YOUR_LONGER_THAN_20_USER_NAME"* ▪ In a North America localization, the GST account was not added to the GST Expense Type, when demo data was created.
Document Approval	▪ We have fixed an issue, where an approver was not able to see documents rejected on behalf of someone else in the web approval portals history view.
Expenses	▪ We have corrected an issue where the "Created Doc. No." on a posted document would have not been filled. When pressing Navigate on a posted Expense, no document was able to be retrieved. The issue happens when using "Preferable Purchase Invoice" on a matched expense where the credit card is linked to a Vendor. ▪ We have made possible to post Jobs on a cash expense. ▪ When matching is not required, an allocated expense (not cash) would have been stopped from posting because of the error below: *"Cash/Private Card must be equal to 'Yes' in Expense Allocation: Entry No.=6. Current value is 'No'."*
Per Diem	▪ We have changed the Per Diem calculation engine when using sub-rates, so that the sub-rates are only applied in the last day of the journey, not in the first day. ▪ We have fixed an issue in the Per Diem calculation where the meals were not deducted from the total allowance, when the "First/Last Day calculation method" is set to "Sub Rates" or "First/Last Day fixed rates"

CHANGES 4.00.05

Bug Fixes

Area	Description
Platform	▪ The add-in was not refreshed when a scrolling though lines on a non-editable Settlement. ▪ In Business Central clients, when posting with Purchase Invoice, the users would have gotten the message below: This message was only meant for the Canadian localization. *"Expense Management Canada extension is required for this functionality. Please install the extension from Microsoft AppSource."* ▪ Team Member users are also allowed to reject documents in Business Central. ▪ We have added the filter option on Expense Management Status Report, allowing for filtering on the payment status of documents. ▪ If no archive path was setup in Expense Management Setup, you could get this error: *"The value of COPYSTR parameter 2 is outside of the permitted range."* ▪ When posting a mileage with the setup "Preferable Purchase Invoice", having Bluegarden integration activated, a Purchase Invoice would still be created even though it should have not. ▪ We have added the following Publisher Events: o Codeunit 6086338 CEM Settlement-Post ▪ OnBeforeBalancePostGenJnlLine ▪ OnBeforeExpensePostGenJnlLine ▪ OnBeforeMileagePostGenJnlLine ▪ OnBeforePerDiemPostGenJnlLine ▪ When changing the Reimbursement Method from the Expense User Group a dialog would present the user the possibility of updating the new Reimbursement Method to all the open documents. That method missed a re-validation of all the error on these documents, so even though the issues were resolved the error comment was still present. ▪ We have added the "VEHICLE REG. NO." field type into the setup file. This is already uploaded and ready to be downloaded. ▪ When setting the "TAX AREA CODE" as configured field, the following error would occur in NAV versions before 2016: *"TAX AREA CODE can only be used for Canada Sales Tax calculation."* ▪ When opening the EM Tax Jurisdiction page in older versions of NAV, the following error message would occur: "You cannot make any changes in the database until a transaction has been started." ▪ Demo Data in older clients was not created for the Sales Tax calculation. ▪ Sales Tax allocations would have been added to a Purchase Line, even though the Tax Amount was already specified in the statistics section. ▪ When posting the last remaining approved Settlement, you would get a message saying *"Posted must be No in Expense Header Document Type='Settlement',No.='the number of*

<table>
<tr><th>Area</th><th>Description</th></tr>
<tr><td></td><td>your settlement'.
We have changed it so that you get back to creating a new Settlement.</td></tr>
<tr><td>Expense</td><td>
We have added the Reimbursement Method field on all the document details (Expense, Mileage, and Per Diem)
When default dimension errors were found, they were not added in the comments. The error would have been presented when posting the document.
Document registers have been removed from the UI.
When creating a new expense or a new mileage, the fields “Expense Account Type” and “Expense Account No.” (also the external accounts) would have been hidden by default and only shown after a refresh.
We have updated the change log with the correct method names for the events that were exposed.

Codeunit 6086513 CEM Per Diem Calc. Engine
OnBeforeFindRateAndUpdateAmtOnDetail
OnAfterFindRateAndUpdateAmtOnDetail
Table 6086338 CEM Mileage
OnBeforeCalcMileageDetails
OnAfterCalcMileageDetails

</td></tr>
<tr><td>Mileage</td><td>
When posting Per Diem or Mileage on a Settlement, the external document number would have been wrongly filled on the G/L Entries. We have added the Per Diem and Mileage external document number in this situation.
We have updated the change log with the correct method names for the events that were exposed.

Table 6086338 CEM Mileage
OnBeforeCalcMileageDetails
OnAfterCalcMileageDetails

</td></tr>
<tr><td>Per Diem</td><td>
The cues telling how many Per Diems were open, pending, ready for posting and inbox did not show the number of Per Diems.
The Per Diem did not inherit the Shortcut Default Dimensions (only Global Dimensions). When creating a Per Diem with a User linked to either a salesperson/purchaser or a vendor with Default Dimensions, then these dimensions were not passed on to the Per Diem. The bug is only affecting NAV versions starting from NAV 2013.
In the Posted Settlement List, the Amount (LCY) was only totalling the Amount (LCY) from the Mileage and the Amount (LCY) from the Expenses on the Settlement. The Amount (LCY) from the Per Diems has now been added.
Settlements total amounts were not including the Per Diem amounts in the calculation.
Editing the Departure Date/Time and Return Date/Time on the Per Diem became difficult if the difference was more than 180 days. The tests were too restrictive and could deadlocked the user. If a blocking condition happens the Return Date/Time is cleared, and the user can easily change the Departure Date and afterwards the Return Date.
We have aligned the appearance of the “Description 2” on the Per Diem card, with that on the Expense card.
We have updated the change log with the correct method names for the events that were exposed.

Codeunit 6086513 CEM Per Diem Calc. Engine
OnBeforeFindRateAndUpdateAmtOnDetail

</td></tr>
</table>

Area	Description
	▪ OnAfterFindRateAndUpdateAmtOnDetail
Canadian Sales Tax	▪ The sales tax engine would have calculated the tax percentage from the total amount, rather than considering that total amount includes the base amount plus the tax amount.

CHANGES 4.00.04

Bug Fixes

Area	Description
Setup	▪ When changing "Document Storage Type" in the Expense Management Setup page from "Database" to "File System", the user did not have the possibility to specify the new path before the change. The user is now presented with a pop-up page where it is possible to specify the new path, if attachments exist on the system. *Attention!* A new page has been added and therefore an update of the customer's license might be needed. ▪ After running the "Expense Management Setup Wizard", a confirmation page shows the data created. Unfortunately, some date was missing in the confirmation page. Now the page displays all setup data related to Expense Management.
Synchronization	▪ We have fixed a bug where the "General Product Posting Group" (Sales Tax Posting Group) and "VAT Product Posting Group" where not inherited from the Posting Setup, after documents were downloaded from Continia Online. The issue is relevant and fixed for Mileage and "Expense Allocation". ▪ We have improved the error message which is displayed when synchronization with Continia Online fails. The new error message specifies the document number and the GUID identifier. ▪ When synchronizing data in BC and a Mileage/Per Diem or a Settlement would have been deleted, the automatic deletion resulted in an "EXP-NOT-FOUND" error due to deprecate deprecation URI being wrong. ▪ We have prevented sending documents to Continia Online from a company that did not have the setup synchronized. The error message encountered is: *"Continia Online setup missing for this company.* *Please synchronize and retry."*
Settlement	▪ When combining a long description on the settlement with further information from the Settlement Posting Description in Expense Management Setup, the posting description could get longer than the limit of 50 characters. This has been fixed so that only the first 50 characters of the calculated description gets on to the posted entry.
Mileage	▪ We have prevented a scenario where a mileage rate could have been inserted in an invalid period where posted documents existed.
Per Diem	▪ We have fixed an issue on the Per Diem calculations where sub-rates in the first day would have been calculated for the whole day, even though the trip might have been finished before that.

<table>
<tr><th>Area</th><th>Description</th></tr>
<tr><td></td><td>Added support for the 25% Meal Allowance (Used in Denmark), which allows employees to claim 25% of the daily Meal Allowance for small necessities - even if all meals are provided for by others means by the employer.</td></tr>
<tr><td>Approval</td><td>In an installation where EM is activated but Document Capture is not, when a user tries to share approval the following error would occur:
"This function requires the following module to be activated: Continia Document Capture, Advanced Capture."
It is now possible to specify secure connection on the Approval E-mail link that is being sent to the Approver. The URI will then be formatted to “https”.
When forwarding approval entries in the Continia Approval Portal the list presents only approvers, rather than showing all the users.</td></tr>
<tr><td>Posting</td><td>When posting with Purchase Invoice, if the Vendor had a currency different than the local currency, the Purchase Line would have been created with a 0 amount. The issue was introduced in EM 4.00.02 together with the matching changes.</td></tr>
<tr><td>Permissions</td><td>In an installation where Document Capture was installed but without Expense Management, the following error occurred when opening the Continia User Setup page:
“You do not have the following permissions on Table CEM Expense Management Setup: Execute
Page Continia User Setup must close.”</td></tr>
<tr><td>Localizations</td><td>Canada Sales Tax can now support multiple sales taxes, which will be transferred to the Purchase Invoice.
Allocations will be auto-generated bases on the sales tax percentages, one allocation for each sales tax.
When using the French language while running the setup wizard, the error below would have been stopping the execution. The problem has been fixed.
“La longueur de la chaîne est 31, mais elle doit être inférieure ou égale à 30 caractères. Valeur : Authorization de divertissement”
A new AppSource App has been created for handling the Canadian sales tax In Business Central and will be available immediately after it passes the approval from Microsoft. The app will have a dependency on the Expense Management base App and will provide an engine for sales tax calculation for Expense Management.</td></tr>
<tr><td>UI/UX Improvements</td><td>The field "Corporate Credit Card" is now only visible if Expense Management is activated and matching is not required.
Small layout changes in the Status Report.
We have improved captions and miss-spellings.</td></tr>
<tr><td>Integration</td><td>We have added the following Publisher Events:
Codeunit 6086513 "CEM Per Diem Calc. Engine"
OnBeforeFindRateAndUpdateAmtOnDetail
OnAfterFindRateAndUpdateAmtOnDetail
Table 6086338 “CEM Mileage”
OnBeforeCalcMileageDetails
OnAfterCalcMileageDetails
Codeunit 6086308 "CEM Expense Inbox-Transfer"
OnBeforeInsertEMDimensions
OnAfterInsertEMDimensions</td></tr>
</table>

Area	Description
	◦ Codeunit 6086342 "CEM Mileage Inbox-Transfer" ▪ OnBeforeInsertEMDimensions ▪ OnAfterInsertEMDimensions ◦ Codeunit 6086384 "CEM Settlement Inbox-Transfer" ▪ OnBeforeInsertEMDimensions ▪ OnAfterInsertEMDimensions ◦ Codeunit 6086525 "CEM Per Diem Inb.-Transfer" ▪ OnBeforeInsertEMDimensions ▪ OnAfterInsertEMDimensions
Solution	▪ The codeunits 6086546 "CEM Bank Trans. Match - Batch" and 6086547 "CEM Bank Trans. Match - Line" had been wrongly assigned the version list EMW16.00.10.4.00 but they were actually introduced in 4.00.03. Therefore, we have updated the version to EMW16.00.10.4.04, current release, since they were modified in this release.

CHANGES 4.00.03

Bug Fixes

Area	Description
Technology	▪ With EM4.00.03, we have released Expense Management for Microsoft Dynamics 365 Business Central 2020 release wave 1 (BC16).
Setup	▪ We have added an action for opening the Configured Fields page from the Field Types page unde the "Continia Online" action category.
Expense	▪ When allocating an expense, attendees are copied to the allocation lines. ▪ We have fixed a bug where attempting to match an expense to a bank transaction would fail if the expense has no date. ▪ Existing functionality to create expenses from bank transactions now allows the user to make a selection of transactions, that expenses should be created for. Previously, expenses were created for all transactions.
Per Diem	▪ We have added an error message when the user is trying to add accommodation allowance on the first day of travel.
Approval	▪ It was possible to get the following message in the Continia Approval Portal, on an allocation line: "The changes to the Expense Allocation record cannot be saved because some information on the page is not up-to-date.." This was possible when a global dimension was added as Custom Field as well (resulting in this field shownning twice). We have prevented this double setup.

Area	Description
	▪ We have fixed a bug where approvers couldn't change the dimension on Expense Allocation lines in the Continia Approval Portal. ▪ The Continia Approval Portal was not correctly showing the number of Per Diem for approval. We have fixed that.
License	▪ Having imported DC objects in a database but not having DC in the customer license could result in an error when deleting/posting Gen. Journal Lines
Permissions	▪ A number of permissions were corrected, especially for the EM-APPROVE role. The issues were introduced in EM 4.00 because indirect permissions that were not added to new objects.
Captions	▪ We have added missing tooltips on the Expense Management Setup page. ▪ The French language (FRA) has been added to the Swiss localization. Note when running the application in FRS, NAV defaults to FRA for missing FRS captions. ▪ We have corrected wrong captions.

CHANGES 4.00.02

New Features

Due to a high demand for new features on key areas of the application, we have decided to introduce new functionality in this Service Pack. This is an exception from our release rules, and we have only done this so existing customers won't have to wait until the next major release. It is especially sensitive for the Business Central apps where customizations cannot be done. Due to the nature of Service Pack built, in some corner case scenarios, translations are not possible, therefore strings are in English only. Our intention is to update this in a future release.

Area	Description
Posting	▪ We have added the possibility of posting expenses against the Bank Account without requirement of importing bank transaction and doing expense matching. The new functionality can be activated from Expense Management Setup under "Matching Method" by selecting a method that doesn't always require matching ("Never Required,"Required From Date"". Corporate credit card owners will also have to be marked in the Continia User Setup.
Status Report	▪ Expense Management Status Report has been improved to specify the amount that is reimbursed to the expense user by the Company ("Paid Out)".
Mileage	▪ Mileage rates can now have up to five decimals (the previous limit was two decimals).

Bug Fixes

Area	Description
Setup	▪ The Assist Edit button on the following fields in the Expense Management Setup had no purpose and was removed: "Settlement Nos", "Expense Posted Nos", "Mileage Posted Nos" and "Per Diem Posted Nos".
Synchronization	▪ Office 365 users who were also expense users could not get exported to Continia Online because of the following error: *Export User Error - DotNet variable has not been instantiated. Message: A DotNet variable has not been instantiated. Attempting to call Attempting to call System.Xml.XmlNode.OwnerDocument in CodeUnit CDC Continia XML Node: GetOwnerDocument.* ▪ The error EXP-NOT-FOUND is never shown when reopening a document. If the document is not found in Continia Online, it will still be reopened in NAV/BC. now avoided when reopening a document. • When exporting users, the messages displayed when the process finished has been updated as the previous message was incorrect when using both Document Capture and Expense Management.
E-mails	▪ We have fixed an issue where "Welcome E-Mails" was always sent automatically, even when set to "Send Manually".
Bank Transaction	▪ We have fixed an issue during the assignment of of credit cards to users. The credit card was always marked as "User Paid", no matter what the user has been responding to the question: "Is this card with private billing?".
Approval	▪ We have fixed an issue where the status of a Per Diem was not changed to "Released" after a settlement (containing per diems) was "Force approved".
Posting	▪ In the NA localization, the user would encounter the following error message when trying to post to a GL Account where the "Gen. Posting Type" was not specified (while posting groups would): *"VAT Calculation Type must be equal to "Salex Tax" in Gen. Journal Line: Journal Template Name=,Journal Batch Name=, Line No.=0. Current Value is "Normal VAT".* ▪ When posting an expense with an allocation, the error below would occur: "Field No 3 not found". The issue was due to mismatch of field numbers between the Expense and the Allocation table.
Reconciliation	▪ We have fixed an issue causing already posted and reconciled bank statement lines to be re-imported into the EM reconciliation journal. ▪ We have enabled the possibility of transferring EM Bank Reconciliations to standard NAV Reconciliation Journal even for posted and reconciled statements.
UI/UX	▪ In the Role Center, the Cues/Tiles show how many Settlements, Expenses, Mileage and Per Diems there are for each type of Status. The Unhandled Inbox contains entries with status Pending or Error. However, the corresponding Cue was only displaying the number of entries with status Error. This has been fixed. Now it displays a total count of entries for status Pending and Error. ▪ We have added the "Navigate" button again on posted Per Diems. ▪ We have fixed an action category named "Category 4" instead of "Per Diem" on the Posted Per Diem Card and List. ▪ On the Expenses and Expense Card pages, the Keyboard Shortcut Ctrl + Shift + L was assigned to both the standard View List button and the Split and Allocate button. We have assigned a new Keyboard Shortcut key to the "Split and Allocate" button: Ctrl + Shift + S.

Area	Description
	▪ We have changed the Release Notification Entries page so that Accepted Entries are filtered once they have been processed. The filter is still visible, though.
Permissions	▪ We have changed the object used for Document Capture license permission check from Codeunit 6085575 to Table 6085573 to make the ensure the permission check returns the right value in an installation where only Expense Management is used. ▪ EM-NAVUSER role has been granted permissions for running the status report.
Captions	▪ ToolTip on Field "No Refund" on pages Mileage Card, Posted Mileage and Posted Mileage Card was wrongly using the "expense" word instead of "mileage". ▪ In Expense Management Setup, translation of fields "Card Transaction Balancing Type" and "Card Transaction Balancing No." have been updated to "Card Bal. Account Type" and "Card Bal. Account No.".
Integration	▪ We have added the following Publisher Events: o Codeunit 6086318 "CEM Dimension Mgt." ▪ OnBeforeInsertDefaultDimOnExpense ▪ OnAfterInsertDefaultDimOnExpense ▪ OnBeforeDeleteDefaultDimOnExpense ▪ OnAfterDeleteDefaultDimOnExpense ▪ OnBeforeInsertDefaultDimOnMileage ▪ OnAfterInsertDefaultDimOnMileage ▪ OnBeforeDeleteDefaultDimOnMileage ▪ OnAfterDeleteDefaultDimOnMileage ▪ OnBeforeInsertDefaultDimOnExpHeader ▪ OnAfterInsertDefaultDimOnExpHeader ▪ OnBeforeDeleteDefaultDimOnExpHeader ▪ OnAfterDeleteDefaultDimOnExpHeader ▪ OnBeforeInsertDefaultDimOnPerDiem ▪ OnAfterInsertDefaultDimOnPerDiem ▪ OnBeforeDeleteDefaultDimOnPerDiem ▪ OnAfterDeleteDefaultDimOnPerDiem

CHANGES 4.00.01

New Features

Due to a high demand for new features on key areas of the application, we have decided to introduce new functionality in this Service Pack. This is an exception from our release rules, and we have only done this so existing customers won't have to wait until the next major release. It is especially sensitive for the Business Central apps where customizations cannot be done. Due to the nature of Service Pack built, in some corner case scenarios, translations are not possible, therefore strings are in English only. Our intention is to update this in a future release.

Due to these new features, this release will then require a license update as well as a user roles update !!!

Area	Description
Synchronization	▪ We have created a codeunit that can be scheduled as a batch job which will send the release notifications to CO so the approvers will experience performance optimization. The process is then run in a later execution, and the expense user will be informed about his approved expenses at a later point. Please update the roles by running the codeunit "6086320 – Create EM Roles". ▪ Enabled Inbox status editing for the Approval Administrator user.
Approval	▪ We have added the possibility to see "My Processed Approvals" in the Continia Approval Portal also for Expense Management.
Bank Transactions	▪ A credit card can be marked as "User Paid Credit Card" from inside the application when the bank cannot provide the information.
Integration	▪ We have added the following Publisher Events: o Codeunit 6086321 "CEM Expense-Validate" ▪ OnBeforeExpenseValidate ▪ OnAfterExpenseValidate o Codeunit 6086345 "CEM Mileage-Validate" ▪ OnBeforeMileageValidate ▪ OnAfterMileageValidate o Codeunit 6086381 "CEM Settlement - Validate" ▪ OnBeforeSettlementValidate ▪ OnAfterSettlementValidate o Codeunit 6086526 "CEM Per Diem-Validate" ▪ OnBeforePerDiemValidate ▪ OnAfterPerDiemValidate
Permissions	▪ Due to new functionality the roles have been updated with full permissions on table 6086396 CEM Release Notification Entry. In BC15, both on-premise and cloud, the permissions will be auto updated when re-installing the app. For other BC/NAV versions the codeunit 6086320 "CEM Create EM Roles" must be run to update the permission sets.

Bug Fixes

Area	Description
Rolecenter	▪ User responsibility filters are also applied on the Rolecenter views (for example Expenses by Continia User).

Area	Description
	▪ Currency code was hardcoded to GBP in the Rolecenter views of documents per user.
Per Diem	▪ When posting a Per Diem it would have been possible to get an error complaining about un-committed data. ▪ The Status Report has been changed to only print Per Diems with an actual amount on it. ▪ Per Diem departure and return date will not be overwritten by the settlement dates, when attaching a Per Diem to a Settlement. ▪ A "Per Diem" action was shown in the "Continia User Setup" card even though Expense Management was not enabled. ▪ A maximum period of 180 days has been introduced on a Per Diem. This is to prevent overloading the system, in cases where departure or return dates are improperly specified by mistake, resulting in a very large load on the system.
Posting	▪ In the North America localization, the user would encounter the following error message when trying to post to a GL Account where the "Gen. Posting Type" would have not been specified (while posting groups would): *"VAT Calculation Type must be equal to "Sales Tax" in Gen. Journal Line: Journal Template Name=,Journal Batch Name=, Line No.=0. Current Value is "Normal VAT".*
Dimensions	▪ On an Expense with both Dimensions and Extra Fields, blank lines would pe presented in the Extra Fields page and the Dimensions page because of missing filters. Further on, when adding a dimension to an expense, the following error message was presented: *"Field Type Code '' does not exist."* ▪ We have fixed a scenario where a custom field would have tried to post as a dimension. This issue was happening in clients older than NAV 700 and on the allocation level. The error message below was occurring at posting time: *"Dimension can't be found"*
Permissions	▪ We have fixed an issue where the "Continia User Setup" page would fail with permission errors in an installation that contains only Document Capture. ▪ The EM-APPROVE role was updated with read permissions for the following tables: o 6086323 - Expense Inbox o 6086353 - Mileage Inbox o 6086341 - Settlement Inbox o 6086390 - Per Diem Inbox.
Export Users	▪ When the Continia User ID is longer than 20 characters, the export of expense management users would fail with the following message: *"The length of the string is 24, but it is must be less than or equal to 20 characters. Value: STRINGLONGDERTHAN20CHAR"* ▪ In an installation without Expense Management, Document Capture would have failed with the error below because of an event which was not skipped on missing license. The error would occur when exporting users. *"You do not have the following permissions on CodeUnit CEM Usage Subscribers: Execute."*
Setup	▪ We have fixed an issue where VAT product posting groups were not inherited from the Expense Posting Setup when an expense was received from the Expense App. ▪ In the Expense Posting Setup, when a different posting account would have been chosen based on the Continia user group, the wrong account would have been selected.

Area	Description
E-mails	▪ The reminder email was sent to multiple users, instead of the user to which documents belong.
Events	▪ The RTC client has sometimes been observed to crash with this generic error message: *"Microsoft Dynamics 365 Business Central Server is currently not ready to serve requests. Try again later, or contact your system administrator."* Upon investigation in the event log, the error message would have looked like: *"Unexpected event subscriber failure -- SybscriberType:CodeUnit; SubscriberId:6086541; ..."* The reason was a duplicated ID on the Per Diem table.
Captions	▪ "First/Last Day Calculation Method" and Meal Value Method options on Per Diem Rate were missing translation. ▪ When detaching a per diem from a settlement without having selected a per diem, the users would get the message: "Please select one or more expenses to detach." This has been changed to: "Please select one or more Per Diems to detach." ▪ The Per Diem shortcut field caption in Expense Management Setup would have had a wrong caption. Instead off "Shortcut Field 1 Code (Per Diem)" it was presenting the captionML: "Specifies a Field Type that will be shown in the per diem page.." ▪ Various other small caption corrections
UI	▪ Released Per Diems are now marked in green font as for other documents.
Upgrade	▪ We have prevented an error occurring when upgrading the Business Central app in the cloud, from EM 3.50 to EM 4.00. A new sumindex field added to an existing key would not have been created in Business Central, causing the error below. The issue was reported to Microsoft, and they acknowledged to fix it. Meanwhile, Expense Management was changed to avoid the issue. This has already been released for the Cloud app. "The following SQL error was unexpected: Invalid column 'Sum$VAT Amount'. Statement(s) could not be prepared."
Demo Data	▪ We have added Per Diem rates for Belgium and France in the demo data.

CHANGES 4.00

New Features

Area	Description
Technology	▪ With EM4.00, we have released objects for Microsoft Dynamics 365 Business Central 2019 release Wave 2 (BC15) on Microsoft Business Central cloud and on-premises (extensions). ▪ With EM4.00, we have released objects for Microsoft Dynamics 365 Business Central Spring 2019 Update (BC14) CU4 on-premises.

Area	Description
Per Diem	▪ We have introduced the Per Diem module to support employee reimbursements based on daily allowances. It is possible to configure special rates for the first and the last day or sub rates shorter than one day. The Per Diem module is then added to the Expense and Mileage modules to complete the travel settlement concept. Per Diem is available in all the environments: Continia Expense App, Continia Expense Portal, Continia Approval Portal and Microsoft Dynamics Business Central.
Sales Tax	▪ The Canadian Sales Tax amount can be handled by the expense user from the Expense App. When using Purchase Invoice, it will update the value of the Tax Amount to the amount specified by the user (not available as an app yet). ▪ We have added extra fields to support the Canadian Sales Tax: "VAT Amount", "Tax Area Code", "Tax Group Code".
General	▪ We have added "VAT Prod. Posting Group" and "Gen. Prod. Posting Group" as system fields. ▪ When exporting users, the messages shown now includes the number of companies from where users were exported.
Settlement	▪ The fields "Departure Date/Time" and "Return Date/Time" were introduced on the Settlement. A warning comment is raised when an Expense, Mileage or Per Diem has dates outside the period of the Settlement dates.
Upgrade	▪ With the release of Expense Management 4.00, the upgrade toolkit has been released for the upgrade from Expense Management 3.50 including any Service Pack for EM3.50 on the NAV version used with EMe.50. The upgrade toolkit will also upgrade Document Capture if Document Capture is used. ▪ If you are upgrading from a version earlier than 2.50 you must upgrade Expense Management to version 2.60 first, then upgrade to Expense Management 3.00 then to Expense Management 3.50 and finally to Expense Management 4.00. The upgrade to Expense Management 2.60 can be done using one upgrade toolkit, and this upgrade toolkit can be found in the Expense Management 2.60 product package. ▪ With the release of Expense Management 4.00, we have released upgrade objects that can be used with the new Data Upgrade Tools from Microsoft. If you want to use new Data Upgrade Tools from Microsoft, you must follow the steps described in "4.1b - Data Upgrade Guide from DC5.50 and or EM3.50 to DC6.00 and or EM4.00". If you want to use the old pre and post upgrade tools, you must follow the steps described in "4.1a - Upgrade Guide from DC5.50 and or EM3.50 to DC6.00 and or EM4.00". ▪ If you are using Expense Management in Microsoft Business Central cloud, the main upgrade will be performed automatically when you install Expense Management 4.00 (after uninstallation of Expense Management 3.50).

Bug Fixes

Area	Description
Setup	▪ In Expense Management Setup if both the Intermediate Expense Account and the Post Bank Transactions on Import has previously been set, then the user is prevented from removing the Intermediate Expense Account by accident.

Area	Description
	▪ In Expense Management Setup the fields “Company Code in Archive”, “Archive Directory Structure”, and “Archive Path” are only editable when “Document Storage Type” is “File System”. ▪ We have added a Mileage Rate action on the Vehicle page. ▪ User Responsibility filters were not applied when using lookup in “Continia User ID” on the Expense Card as done in the Mileage and Settlement Card. The functionality was added to the Expense Allocations, as well. ▪ Changed the order of fields in the Configured fields so that “Expense Type” precedes “Description”. ▪ We have introduced a new setup called “Default User Setup” which now holds the “Default Vehicle” setup plus the default “Per Diem Group” and can be assigned to individual users or user groups. The “Default Vehicle” setup is no longer used. If there is not default setup for a specific user or user group the default accounts (Vehicle, Per Diem Group) will be used. ▪ In the Setup Wizard exporting a setup file could have been done without specifying a filename, which would have only failed in the next step with the error below: *“You must specify a File Name”* ▪ When exporting data using the Setup Wizard, we have corrected an issue that would cause the error below. This issue was only experienced in MS Dynamics NAV 2013 R2. *“The value "" can't be evaluated into type Date”* ▪ We have fixed the Rolecenters in web client which were presenting all the items in a single column.
Demo Data	▪ We have fixed an issue in the French localization where no vehicle was marked as default. ▪ We have updated the Mileage rates for Denmark. ▪ We have fixed an issue where the North American localization demo data was missing. ▪ We have added mileage rates for Australia also.
Synchronization	▪ We have fixed an issue where the dates were converted to UTC dates. This could have lead to different data in MS Dynamics NAV compared to the user’s input when the time zones difference between the servers was big. The fields affected by this change are: Expense."Document Date", Mileage."Registration Date" and BankTransaction - "Posting Date". ▪ We have fixed an issue when deleting a mileage attachment would have not been sending updates to Continia Online when the status was Pending Expense User.
Expense allocation	▪ We have fixed a rounding issue on the expense allocation which caused the “Remaining amount” to be doubled every time the allocation page was opened and closed. ▪ We have introduced a rounding calculation at the import of an expense with allocation, because the decimal places mismatch between mobile devices and NAV could have led to small decimal differences. ▪ We have fixed an issue where "Cash/Private" could be different from expense to allocations because it was possible to change the value on the expense after allocations were created. ▪ We have fixed the following error occurring when posting an allocated expense where the bank account is in the same currency as the expense, but different from the local currency: *Amount (LCY) must have a value in Gen. Journal Line: Journal Template Name=, Journal Batch Name=, Line No.=0. It cannot be zero or empty.*
Bank Transactions	▪ We have removed the filter on posted transactions from the "Bank Transactions" page, when "Create Expense w. Transaction" "Post Bank Trans. on Import" are set. The filter is not necessary since all the expenses will be posted at import. ▪ Many fields have been made non-editable in the CEM Bank Transaction Inbox table. ▪ We have added an action on the Banks page to show the related agreements. ▪ In Bank Transaction Inbox, the currency mapping would default all the currencies to LCY after the Currency Mapping page was closed, if no other decision was made. We have

Area	Description
	introduced a new field "Local Currency" that has to be ticked when a mapping is made to the local currency so that we avoid confusion.
Mileage	▪ A warning (instead of just information) is now raised when the mileage difference is outside the variance allowed. The reason is that it should more obvious at the posting time that differences exist in the calculated distances. In this way a confirm dialog is raised when posting and individual mileage. When batch posting, this mileage will be skipped. ▪ Vehicle Code and Vehicle Registration No. added to the Mileage Card and the Posted Mileage Card.
Status Report	▪ When sending the expense status report as a job queue, it would fail with the below error because the attachment had to be saved to the server temporary path. The issue is found in MS Dynamics NAV 2013 and onwards, only on premise. *Attachment Expense Management Status Report for IS 02-08-19 1118.pdf does not exist or cannot be accessed from the program.*
Approval	▪ The wrong record (Expense, Mileage or Settlement) was opened in some situations when an approver opened the record from the Approval Entries screen. This occurred when the approver had been set up user responsibilities, but he had no responsibility for the documents of that specific user for which he is approving. ▪ We have fixed an issue which was leading to the following error in the Approval Portal when a user would have tried to login. The issue is only encountered when the base application is running Business Central on cloud. *"Username or Password is incorrect, or your account have not been allowed to login. :The request failed with HTTP status 401: Unauthorized."* ▪ Approval entries from Expense Management will no longer have the "Sender ID" because the sender is either a system user or an admin and he is not interested in being registered as Sender. ▪ Approval entries from Expense Management will no longer have the "Sender ID" because the sender is either a system user or an admin and he is not interested in being registered as Sender. ▪ We have fixed an issue where the approval limit of an approver would have not been considered, and the approval would have been sent to his superior even if he had the limits to fully approve.
Posting	▪ We have fixed issues where the Expense Management events would not be skipped on missing license, resulting in an error like this: *"You do not have permission for codeunit CEM Proxy Response Handling : Execute."* ▪ We have separated expense allocations on different Purchase Invoice lines (instead of grouping) when an invoice would be created for the credit card issues. (Credit card mapped to be a Vendor). In version 2.60.09,3.00.05,3.10 we have introduced an issue where the allocations were summarized on a Purchase Invoice and this would prevent distributing allocated amounts into different GL Accounts or different dimensions. ▪ We have fixed an issue when then "Posting Date" was not saved on a Settlement after posting with replace posting date feature. ▪ We have fixed an error in the Belgian localization where a bank transaction could have not been posted because of the missing Journal Template: *"Journal Template Name must have a value in Gen. Journal Template Name=,Journal Batch Name=,Line... In the Unhandled Bank Transaction Inbox"* ▪ We have fixed an issue on the request page of the posting reports, when replacing posting date, that could have been in an inconsistent state between the "Posting Date Policy" and "Specific Date".

Area	Description
	▪ We have fixed an issue where the placeholders of the posting description were not calculated correctly. For example, the "Employee Name" field would have been wrongly presented.
Reimbursement	▪ We have added support for user filters in the reimbursement pages. ▪ In the reimbursement page we have corrected an issue that would have resulted in a string maximum length violation in an installation with a big number of users.
Move to Company	▪ We have improved the usability in the "Move To Company" functionality. Expenses, Mileage and Settlements can only be moved to another company, if they have the Status Open and there are more companies in the database. If there is only one company in the database or the user only has access to Expense Management in one company, then the action button will not be visible on the page.
Captions	▪ Various wrong captions were corrected.