

Microsoft Dynamics® AX 2009

# Payroll for Microsoft Dynamics AX

What's New in Release 5.0

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## ***Introduction***

This document provides information about the new features and software updates of Payroll for Microsoft Dynamics® AX since Release 4.0.2501 (Payroll/Human Resources Integration release).

Refer here for feature and update information specific to this release:

- [Terminology changes](#)
- [Integration with Basic](#)
- [Install kit](#)
- [General](#)
- [Payroll Administrator Role Center](#)
- [System update utilities](#)
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- [Periodic > Pay Period](#)
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- [Reports](#)
- [Licensing verification](#)
- [AOT \(Development\)](#)

Refer here for feature and update information on items issued through hot fixes after the initial release of Release 4.0.2501:

- [Items resolved in hot fixes to Release 4.0.2501](#)

## *Terminology changes*

If you have used previous versions of Microsoft Dynamics AX Payroll, the terminology for Jobs and Positions has been reversed – what was known as “Job” is now “Position”, and what was known as “Position” is now “Job”.

## *Integration with Basic*

Microsoft Dynamics AX 2009 Payroll now integrates with Microsoft Dynamics 2009 Basic module, and no longer requires a Human Resources license.

The following concepts of operation in the Basic module affect the integration with Microsoft Dynamics AX 2009 Payroll:

- The Basic employee is the only employee – there is no Payroll employee.
- The Human Resources Management module (HRM) may or may not be installed - Microsoft Dynamics AX 2009 Payroll does not refer to any HRM information to perform its functions, apart from upgrading from the Payroll/Human Resources integration release.
- Basic uses the term “From Date” instead of “Active Date”, and “To Date” instead of “Expiry Date”, except that “To Date” is actually the day after “Expiry Date”. In other words “To Date” represents the first day of invalidity rather than the last day of validity. The old definitions of Active Date and Expiry Date have been maintained as well as the new To Date and From Date.
- Employee Name, Address, and Electronic Contact information accuracy and security is important to Payroll, which is why this information remains in Payroll, in addition to in Basic. These will be populated automatically from Basic the first time any Payroll information is added to Positions for the employee; subsequent updates that occur in Basic from then are automatically propagated to Payroll. Since the Name is not effective dated in Basic, the system date is used as the Active Date, and the maximum date used as the Expiry Date when propagating to Payroll. Only one Electronic Contact type is propagated to Payroll.

## **Position**

Positions are defined in Basic, and must exist in order to pay employees. Positions are fully effective dated (can have multiple versions). To pay an employee for a position, you update the Payroll attributes for that position using the **Payroll** tab on the Positions form.

Payroll no longer terminates an employee from a position; this is done by Basic, or Human Resources if installed.

An employee will not get paid in a position on a date if:

- There is no Position as of that date (last Position row has a To Date less than or equal to the date in question), or
- The Position is assigned to no employee (vacant Position) or a different employee (the Employee Id as of the date is not for the employee in question), or
- The payroll attributes (on the Payroll tab) are all blank as of the date.

A Stop Pay menu item assists you in setting the position up such that the employee’s last day of pay in that position is the Stop Pay date you define.

An employee will get paid if:

- There is a Position as of the date (date in question is between the From Date and To Date less one day)
- The Position is assigned to the employee (the Employee Id on the Position matches the employee in question)
- Payroll attributes (on the Payroll tab) are defined as of the date in question.

**NOTE:** There is NO requirement for any other attributes related to employee than these position attributes, to get paid. In particular, there is no requirement for payroll attributes on the employee itself.

## Employee

The employee is defined in Basic, and must exist for Positions to be related to the employee.

You only need to populate Payroll information for the employee if you wish Position attributes to default from the employee, rather than being defined on the Position, which is an option in Payroll.

The effective dated portions of employee information (versions) are set up on the **Employee dates** tab of the Employee form. Payroll employee attributes are set up on the **Employee dates > Payroll module** tab of the Employee form.

When you invoke the Stop Pay menu item from an employee context, you will see all the positions that have payroll attributes that are active, to allow you to stop pay for them all at once. There are no Terminate/Undo Terminate/Rehire functions any more, since these are actions performed on the Basic Positions.

There is no enforcement of alignment of To and From dates between employees and positions or vice versa; this is different from the Payroll/Human Resources integration release.

### Employee Name, Address, Electronic Contacts

Employee Name, one Address type, and one Electronic Contact type, are by default propagated from Basic to Payroll. This behavior is controlled by a new Parameter (**Setup > Parameters** form) labeled "Propagate core changes to Payroll", delivered as 'Yes'. If you wish to keep separate control over Employee Names, Addresses, and Electronic contacts, you may set this to 'No', and you may continue to update this information separately in Payroll. The following applies when "Propagate core changes to Payroll" is set to 'Yes'.

Every time you update a Position with a Reference type of 'Employee', a Reference pointing to an Employee Id, and a Job type of 'Job', Payroll will check to see whether Name, Address and Electronic Contact information exists for this employee in Payroll. For Name, if none is found in Payroll, or one is found that is entirely blank, then the Basic name will be stored in Payroll, effective from beginning of time to end of time. For Address, Payroll will copy the addresses that match the "Employee core address type" parameter (defined in **Setup > Parameters** form) in Basic to the Address Type that matches the "Employee home address type" parameter in Payroll, replacing any existing Payroll addresses of that address type. For Electronic Contacts, Payroll will copy all electronic contacts that match the "Employee core elect contact" parameter in Basic to the Electronic Contact Type that matches the "Employee home electronic contact type" parameter in Payroll, replacing any existing Payroll electronic contacts of that electronic contact type.

Subsequent updates to Name performed in Basic will cause a new Person Name row to be created in Payroll, with Active Date = system date, and Expiry Date = end of time. Previous existing rows will be automatically ended one day prior to the system date. Subsequent updates to Address or Electronic Contacts that match the configured core types will result in the same matching replacements as above.

## ***Install kit***

When un-installing Payroll, the accumulator.dll is no longer left behind after the un-install completes.

64 bit server installation is now supported. The setup automatically determines whether to install 32 bit or 64 bit dll's on the server.

A supplementary End User License Agreement is now displayed for agreement in order to install.

## ***General***

If you connect to an AX client, using Role Pages, which is connected to an AOS instance on Server1, which points to a database that has Enterprise Portal configured in it running on Server2, whenever you invoke a menu item that uses Payroll dll's (such as Setup > Calculations > Calculations) you receive an error message "Current client connection: Server2@port#. Unable to find a configuration for the .net business connector". This has been corrected.

Lookups for combo boxes now show all rows active as of the active date of the effective dated row you are looking up from. Previously all rows active as of the system date were being shown.

The Payroll version number is now shown in the AX2009 **Help > About Microsoft Dynamics AX** form as a Solution Version for AX 2009 Payroll.

## ***Payroll Administrator Role Center***

A new role center for the Payroll Administrator role is available. It shows counts of major outstanding items across all pay groups. You may use the issued role center as a basis for further customization, for example to split counts by pay group.

If you access the Role Center page through the Axapta client, you may double click on any stack to launch the corresponding form to enable you to search for details. This is not available when you access the Enterprise Portal Role Center page using Internet Explorer.

## ***System update utilities***

NOTE: Included with Microsoft Dynamics AX 2009 Payroll is the ability to upgrade from release 4.0.2501 (the Payroll/Human Resources Integration release), only. The following items refer to this upgrade path only. A separate upgrade kit, allowing you to upgrade from release 4.0.0005, is available separately.

The Payroll data upgrade process assumes that you have already updated HRM data, as part of the Microsoft Dynamics AX 2009 upgrade process. HRM data is used to populate Payroll attributes on Employees and Positions that will already exist from the Microsoft Dynamics AX 2009 upgrade process.

The Payroll data upgrade process then transfers all of the payroll data from the HRM tables to the Basic tables, using the same targets that HRM used in its data conversion. It does not create any new employees, positions or organizations.

The Payroll data upgrade process now prompts for confirmation that you wish to start the upgrade process.

Orphaned calculation component rows that exist because of an issue in Setup > Calculations > Calculations are eliminated during the upgrade.

Country and State/Province columns have been re-introduced to the statutory deduction import spreadsheet.

## Setup

### Setup > Parameters

If the parameter "Propagate core changes to Payroll" is set to 'Yes', then the following verifications are done on entry into the form. If the **Home address type** or **Home elect contact type** or **Core elect contact type** are blank or not valid values, or **Core address type** is non-blank and is not a valid value, then warning dialogs are displayed. This is the only way of validating that source and target types are set up correctly. During operation of the system, if types are invalid, no warning messages that data has not been copied to Payroll are displayed.

A new parameter "Pay processing lock override user group" has been introduced to allow you to define an AX user group that can override process locks, in addition to a single user. Any member of the AX group you define on this parameter can override process locks. You do not have to populate the new parameter; its use is optional. If you define a user for the existing parameter "Pay processing lock override user id", then the user id takes precedence over the user group.

A new enumeration option, "Accumulator updates to pay period close" has been introduced to the parameter "Pay processing lock type". The options now are: "Accumulator updates to payment generation", "Accumulator updates to pay period close", or "Payment generation only". This new option allows you to establish locks until you close the current pay period.

### Setup > Accumulators > Accumulators

A new attribute, Read Type, has been added to control the type of result given when reading accumulator values. If the Read Type is set to "Incremental amount", then the result will include only the accumulator amounts that have not already been processed by a payment this period. If the Read Type is set to "Full amount", then the full balance of the accumulator is always returned.

**NOTE:** The Read Type will be set to the correct values for all versioned accumulators by the Payroll data upgrade process. However, you must establish settings for this attribute for all of your non-versioned accumulators to achieve correct processing. The default value will be treated as "Incremental value" if no setting is found.

### Setup > Calculations > Calculations

In some circumstances, on a newly installed client, you will no longer get an error message Unable to save data to the file "." as the Calculations form opens.

Instead of the word "Edit", the edit button is now represented by an edit icon.

Orphaned rows were being left behind on the calculation-related tables holding the calculation components – now they are being deleted correctly.

### Setup > Types > Visa Types

This field no longer exists in Payroll, so the setup for this has been removed.

## Employees

Two tabs are added to the Basic Employee list form by Payroll:

- Payroll Profile
- Payroll Transactions

which provide the ability to set up, inquire and report on payroll items.

The new Payroll module button available to you on the Basic Employee form shows all of the employee setup menu items as well as Inquiry and other functions. The new Payroll module tab on the Employee dates tab of the Basic Employee form shows the payroll defaults for each employee.

The **Stop pay** menu item allows you to easily clear the Payroll data from all the employee's active positions.

## Pay Group list form

The current pay periods for all Pay Groups are listed on this new form, which contains three tabs:

- Pay Period  
gives you access to the typical pay period processing functions including closing the pay period
- Transaction  
gives you access to the various transaction entries and adjustment functions
- General  
accesses inquiry and report functions.

## Positions

The new Payroll Module tab on the Basic Positions form allows you to set up the position information for payroll, for positions of Job type 'Job'.

Once you have picked a position, the new **Payroll Setup** menu item is available, which leads you through the forms required to review the major aspects of set up to ensure that an employee will be paid and deducted correctly. Changes made on each form are saved as you move between the forms, so that you can exit out of the chain of forms whenever you wish.

The **Stop pay** menu item allows you to easily clear the Payroll data from the position.

## *Journals > Cancel payments*

The AP vendor code is now stamped on the cancellation benefit/deduction transaction, where previously it was not. This was causing the AP journal to be created with double the amount instead of none.

When a payment originating in a prior period was cancelled, the accumulators in that prior period were subtracted from even though the Prior period flag was not checked to allow this. There was a further issue that the accumulator balance was not being allowed to go negative, and was cut off at zero. Both issues have been corrected.

## *Journals > Earnings*

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id". If future pay period entry is allowed (**Future entry periods** is greater than 0 on the

**Setup > Payroll > Pay groups** form), then entry into future periods is now allowed, even if locking is in place for the current pay period.

### ***Journals > Time/earning adjustments***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id". If future pay period entry is allowed (**Future entry periods** is greater than 0 on the **Setup > Payroll > Pay groups** form), then entry into future periods is now allowed, even if locking is in place for the current pay period.

### ***Journals > Time***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id". If future pay period entry is allowed (**Future entry periods** is greater than 0 on the **Setup > Payroll > Pay groups** form), then entry into future periods is now allowed, even if locking is in place for the current pay period.

### ***Inquiries > Employee***

The Search and Overview tabs are somewhat simplified, because this inquiry is now based on Basic Employees. The Absence radio button has been removed.

### ***Periodic > Pay Period > Import time (and API)***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id". If future pay period entry is allowed (**Future entry periods** is greater than 0 on the **Setup > Payroll > Pay groups** form), then entry into future periods is now allowed, even if locking is in place for the current pay period.

### ***Periodic > Pay Period > Commit import time***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id".

### ***Periodic > Pay Period > Import earnings (and API)***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id". If future pay period entry is allowed (**Future entry periods** is greater than 0 on the **Setup > Payroll > Pay groups** form), then entry into future periods is now allowed, even if locking is in place for the current pay period.

## ***Periodic > Pay Period > Commit import earnings***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id".

## ***Periodic > Pay Period > Time to earnings***

If an employee has earnings, and multiple jobs setup, if their main job expires in the pay period and their new job has a different salary than the employee form, the new salary is not calculated. The salary is calculated only for the amount shown on the employee form for the pay period. This has been corrected to use the maximum date of the active date of position and the start date of pay period to get salary information.

Only time approved in the current period is now processed. Any time approved in prior pay periods is ignored.

## ***Periodic > Pay Period > Entitlement updates***

The earliest entitlement bank is now being decremented first, instead of the most recent.

## ***Periodic > Pay Period > Accumulator updates***

This function now takes into account the new locking option, if set, of "Accumulator updates to pay period close", in addition to the other options.

## ***Periodic > Pay Period > Earnings generation***

This function now takes into account the new locking option, if set, of "Accumulator updates to pay period close", in addition to the other options.

## ***Periodic > Pay Period > Payments generation***

Payments are now processed if an employee's gross equals zero.

When an employee's benefit/deduction changes due to a new effective date in middle of current pay period, and the Apportion flag is set to No, as many benefit/deductions were generated as there were effective dated change records in the pay period, each for 100% of the pay period amounts. This has been corrected to use only the last effective benefit/deduction in the pay period for the whole pay period. Processing for when the Apportion flag is set to Yes is correct, with proportional amounts being generated for all effective dated changes in the pay period.

This function now takes into account the new locking option, if set, of "Accumulator updates to pay period close", in addition to the other options.

## ***Periodic > Pay Period > all posting processes***

These functions now take into account the new locking option, if set, of "Accumulator updates to pay period close", in addition to the other options.

### ***Periodic > Pay Period > Entitlements generation***

The entitlement projection is now being calculated using the Date period dates table to avoid the projection amount varying from month to month.

This function now takes into account the new locking option, if set, of "Accumulator updates to pay period close", in addition to the other options.

### ***Periodic > Pay Period > Pay period end***

This function now takes into account the new locking option, if set, of "Accumulator updates to pay period close", in addition to the other options.

### ***Periodic > Other > Retroactive pay generation***

If the salary type of the retroactive run was set to Salaried, no retro earnings were being generated. This has been corrected.

### ***Periodic > Other > Approve/change retroactive earnings***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id".

### ***Periodic > Other > Entitlements mass pay out***

This function allows locking to be overridden if an AX user group is defined for the new "Pay processing lock override user group" parameter, and no user is defined for the "Pay processing lock override user id".

### ***Periodic > Year end > T4 creation/review (Canada only)***

Updates to eFile T4 functionality include:

- The resultant XML file is validated against the CRA XML specifications, and errors, if any are shown to the user. The SIN, as well as the absolute position in the XML document, is referenced, together with the error cause, which will all be data/setup-related.
- The T4 will not be able to be filed, until all errors are resolved. User needs to address the root cause, and use the T4 Creation menu item in AX Payroll to recreate the T4.
- If an employee has no address on Line 1 of the address, Line 2 will be automatically moved to Line 1.
- If all address lines are blank for an employee (no address has been set up in Payroll for that employee), this is NOT flagged as an error, because CRA considers the absence of an address altogether to be valid.
- The Submission Reference (<T619><sbmt\_ref\_id> node) will be automatically created, if the user does not provide a value, as YYMMDDmm, where YYMMDD = system date, and mm = the system minutes of the hour, just to get a unique reference for this XML file.

NOTE: The client machine being used to run eFile must have .Net 2.0 installed.

An employee no longer needs to have a salary effective at the end of the T4 year in order to have a T4 generated – previously the employee was excluded with an error if the salary information was only active for the year after the year being T4'd.

## ***Reports > Transactions > Benefit/deductions***

The issue whereby if more than a certain number of codes are checked, the list gets truncated, causing only some codes to be reported on, not all the codes checked off, has been resolved for the Benefit/deductions change, list and enrollment reports.

## ***Licensing verification***

Your Microsoft Dynamics AX 2009 Payroll license is now checked by Payroll, for compliance with the number of employees licensed. When your usage exceeds 90% of the licensed number, one warning per license checking process will be emitted: **“Please contact Microsoft to amend your Payroll for Dynamics AX license – you are licensed for xxx, and are currently using yyy”** where xxx is the numeric Licensed value, and yyy is the numeric License check result. Once the usage exceeds the limit by no more than 10%, this message will be emitted per employee being processed. Once the usage exceeds the limit by more than 10%, the message will be emitted for one employee, and the process will terminate. The license checking processes are Time to Earnings and Payment Generation. Contact Microsoft Support for details of how usage is calculated.

## ***AOT (Development)***

Payroll Transaction tables are now set to Table Group = Transaction, so that Axapta can be used to clear data out using sysDatabaseTransDelete.

## ***Items resolved in hot fixes to Release 4.0.2501***

(NOTE: Job and Position terminology is opposite to Microsoft Dynamics AX 2009)

### **General**

If you create a new company, then Payroll ceases to function in all companies in the database. Users trying to access Payroll get a message that the database version UNKNOWN does not match the current version. It's not immediately clear what caused the problem or that the resolution is to either run Payroll > System update utilities > Perform database upgrade or import Payroll data. The problem does NOT arise if you duplicate a company that had payroll data. This has been changed so that:

- 1) If versions are not consistent across all companies that have Parameter versions (ignoring those companies that do not have a Parameter version row) you will get the existing error message, else
- 2) If the company you are connected to does not have a Parameter version row, you will get the existing error message, else
- 3) You will not get an error message because you are connected to a company with a Parameter version row to check against, and the version is consistent with all other companies that have Parameter version rows.

### **Employee Jobs (On all Job functions, for example Move Job, Add to Payroll and split view grids)**

Entry of Position code into blank form establishes default Job attributes correctly. But if the Position code is subsequently changed, because the fields are non-null, the new defaults are not re-established,

and attributes related to the new position itself are not updated. This has been changed such that if the position-related attributes are not null and the position code is changed, a dialog will ask the user to confirm that the position defaults are to be reset.

### **Employees (USA only)**

The following fields are not present in the AutoReport field group for the PHREmpls table: W2StatutoryEmployee, W2RetirementPlan, and W2ThirdPartySickPay. These are required in order for the import utility to import these fields.

### **Employees**

After making a change to an employee, and saving, your cursor is always returned to the first employee in the overview grid, instead of staying on the employee just modified. This has been corrected, on both main grid and split window, to stay on the employee last selected.

### **Employees > Setup > Jobs**

The W2 Local Code now shows in the general tab at the end of the Location field grouping as well as the Overview tab - previously it was only in the Overview tab.

### **Journals > Manual payment**

If you enter an override amount that causes the total employee benefit/deduction amount to be negative, for example Total gross is \$5000.00, total employee amount is \$-90.00. The net amount should be \$5090.00 and that is what you see when you click on re-calculate but when you actually issue the payment the system generates the payment for \$5000.00 and ignores the negative benefit/deduction amount. This has been corrected.

### **Periodic > Pay Period > Accumulators Update**

Memory usage continues to grow until the process stops. This has been resolved.

### **Periodic > Pay Period > Approve payments**

Entitlements do not print on pay check or direct deposit stubs if the date period is not "Pay period". This restriction has been removed.

NACHA output file. Immediate Destination is now 8-10 digits and format checking has been removed, to accommodate banks that allow digits in the first position of Immediate Destination, instead of blank.

NACHA output file. Financial Institution Bank numbers that do not begin with 0 were causing the file to be rejected. On the Entry Detail record (type 6), in the Receiving DFI Identification field (positions 4-11), the Financial Institution Transit number and Bank number combination of data was being truncated to 8 digits from 9, and a zero was being inserted in the first digit position. This has been changed: If the combination of Transit number and Bank number (Setup > Financial Institutions > Financial Institutions) are exactly 8 digits, a 9th check digit is calculated. If the combination is 9 digits, no check digit is calculated. If the combination is null, the assumption is made that the Transit number and Bank number for the employee's account have been entered in that sequence in the Employee Account field (Employees > Setup > Accounts), and the first 9 digits are used as the resultant DFI. Also, the Immediate Origin field size (Bank > Setup > Bank accounts, Setup tab, NACHA field group) has been increased to require 8 to 10 digits of entry, and the Immediate Destination has been increased to require 8 to 9 digits of entry. If only 8 digits are entered for the Immediate Destination, the 9th check digit is automatically calculated.

CPA format direct deposit. Dates are now formatted correctly as 0YYDDD where DDD is the day number in the year YY. Data that is too long for the defined field length per CPA spec (e.g. Company

name) is now being truncated, where previously it was not, causing mis-alignment of subsequent fields and incorrect record lengths.

**ENHANCEMENT:** The ability to add preamble text, that can be specific to your bank, has been added. The process will look for the existence of a text file named Header.txt in the location specified by the Export file location in Setup > Financial Institutions > Financial Institution export formats (you should just enter the path name without any file name), and add the content, right-padded with spaces to 1464 characters, to the start of the output cpa.txt file. No message is output if Header.txt is not found, and the content is not validated at all.

**NOTE:** Be aware that if you define an Export file name in Setup > Financial Institutions > Financial Institution export formats, that file will be created automatically if it does not exist, but then each direct deposit creation run will concatenate data to the existing contents of the CPA output file if it exists - this allows you to assemble one CPA output file for many pay groups if they are all to be submitted on the same day, but you must erase the file to prevent concatenation across submission dates. When data is being concatenated, if the contents of the first row match the contents of the Header.txt file (if one exists), padded to 1464 characters, then the addition of the preamble text is skipped. (In the rare situation that you subsequently decide to remove the Header.txt, you **MUST** delete the existing CPA text file from the AOS server, otherwise the next run will corrupt the header line.)

#### **Periodic > Pay period > Commit import earnings**

1. If you commit earnings that have been imported and the earning has an issue i.e. a missing ledger account then the system incorrectly updates the committed flag to 'Yes' so that you cannot fix the ledger account to re-import the earnings because the system says the earnings have already been committed.
2. After you run Commit import earnings and there was an issue with the earning, the system does not show you the correct Infolog. The user does not know the earnings were not committed until they run Accumulator updates.
3. If you run Commit import earnings and you are using Earning account exceptions and have no ledger account set up at the Earnings level the system does not create the earnings and creates an exception error message 'Attempting to write an earning for XXXX on XX/XX/XXXX without a ledger account' but you are not informed that this exception has occurred.
4. Commit Import Earnings requires a GL Account to be setup on the Earnings even though there is an Earnings Account Exception setup for it. There is no work around for this. The first two items have been corrected such that the committed flag is not set to 'Yes', and the Infolog informs you of errors. Commit import earnings has been enhanced to look for Earnings account exceptions (Setup > Earnings > Earning account exceptions) but only exceptions that have been set up as 100% - percentages less than 100% are ignored because earnings cannot be split into multiple earnings transactions by this process.

#### **Periodic > Pay period > Commit import time**

When you import time and use dimensions in the import file you get a warning when you first import the time: "Index was out of range. Must be non-negative", and an error when you try to commit the time: "Selected time records contain records that are not valid. Please select valid records." This has been resolved.

Dimension field lookups are all showing the first dimension element, not the corresponding dimension element. This has been resolved.

### **Periodic > Pay period > Entitlement updates**

The error message that you get in Entitlement Updates if prior period earnings are being processed in the current pay period, and the employee is terminated before current pay period's start date: "Employee does not have a primary position that is in effect on mm/dd/yyyy" has been removed.

### **Periodic > Pay period > Import earnings**

The system accepts employee id's that do not match the case of the employee table as matching, but uses the mismatching case employee id when writing employee earnings transactions. The accumulator update process gives an exception that the employee does not exist. For example: Employee id is G0001 and it comes through the import as g0001. Now any case entry will be matched correctly, and be processed by later processes correctly.

### **Periodic > Pay Period > Payment Generation**

When a calculation variable has a maximum dollar value that an accumulator looks at before it does the actual calculation, the maximum appears to be ignored as the deduction is still being calculated and deducted. The problem is that only the period contribution to the accumulator is being included as the result of the accumulator, rather than the actual balance. This has been corrected by making these assumptions. First, that any accumulator that is based upon a date period date that matches the pay period length is requiring the period contribution to be passed; so that multiple payments in the pay period will produce correct results on the second and subsequent payment in the period. Second, that for all other accumulators the full accumulated balance is required (for example year-to-date amounts).

### **Periodic > Pay Period > Time To Earnings**

When the Debug Level (Setup > Parameters) is not set to 0, instead of inserting log entries into PHRLogs, the following error occurs: "Inserting into PHRLogs - LogTime='01/11/2008 3:43:00PM' - The supplied method arguments are not valid." This has been resolved.

Neither Earnings account exceptions nor Benefit/deductions account exceptions are being processed correctly. Unless there is a matching row on the account exception tables with matching data for all non-null attributes on the earnings transactions, no account exception is found. Partial matches (where there are more non-null attributes on the earning transaction than are defined on the account exception table) are never found.

Example:

On earning transaction: Org unit=1, Occupation=A, Task, Work Reason, Relief code = blank

On a/c exception:

Org unit=1, Occupation = A is OK

Org unit=1 (only field defined) is not found (therefore error if no GL code on Earning/Project/Org tables)

Org unit=1, Occupation = A, Relief Reason = C is not found.

This has been corrected to do a series of lookups, based on different combinations of attributes, to look for complete or partial matches of values to the account exceptions.

### **Periodic > Other > Record of employment (Canada only)**

ROE periodic amounts are now correctly retrieved if they fall over a calendar year end.

Back-to-back ROE's no longer report on the same earnings twice in the period if the last day worked of the first ROE is in the same period as the first day worked of the second ROE.

Period amounts for the ROE will still be found, even if the Pay Period date period coding is different from the Accumulator date period coding – as long as the accumulator period end dates match the pay period end dates.

If you have set up Pay period date codes by Pay Group, the ROE amounts will now only accumulate for the Pay Group being processed – previously it could include other pay group amounts as well.

ROE periodic amounts are now displayed in descending period sequence, from latest to earliest, the opposite of how they used to be sequenced, so as to correspond to the sequence required on the ROE form.

#### **Periodic > Other > Retroactive pay generation**

The process can hang if you have an employee with an effective dated employee change in the middle of the date range being processed by the retro run. This has been corrected.

If you export data out of a company and import it into another company, retroactive pay generation will generate retro pay in both companies. It does not restrict retro earnings generation to just the company you are running under. This has been corrected.

#### **System update utilities > Import statutory deductions**

When a spreadsheet is imported which contains calc codes, or calc variables, (or other dependent variables) that do not have an existing active record based on the system date, the calc import process will fail and log an error message in the infolog. This has been corrected to use the Active Date of the calculation itself as the context date for validation. In some circumstances, a dialog screen could appear during the last phase of the import, reporting effective date errors. The import process has been changed such that this no longer occurs.

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