**API PRO 8.0.00B**  
27.02.2014 API Maintenance Systems A/S

**IMPORTANT**
This is the Release Note for API PRO 8 Accumulated Fix Package B.

**Installation – API PRO 8.0.00B**

The following installation instruction has to be followed:

<table>
<thead>
<tr>
<th>Current API PRO version</th>
<th>How to upgrade to API PRO 8.0.00B</th>
</tr>
</thead>
<tbody>
<tr>
<td>API PRO 8 or</td>
<td>1. Install API PRO 8.0.00B</td>
</tr>
<tr>
<td>API PRO 8 Accumulated fix package A</td>
<td>2. Compile and start</td>
</tr>
</tbody>
</table>

For any other version than API PRO 8, please follow the installation instruction included in the API PRO 8 package.

Additional version 10.2B or newer is required to run API PRO 8.0.00B.

**New functionality**

Please notice that the new functionality described below is not a full list of all new features/functionality in this service pack – only the main ones. More detailed information can be found in the updated manuals and in the detailed list of the improvements and fixes later in this document.

**Multilingual data**

If API PRO is used in a multilingual environment, data is usually stored in the corporate language. To be able to keep basic information in several languages at the same time, it has been made possible to associate name fields of API PRO tables with more than one value. These values are translations of the original value in the corporate language to another language.

Translated fields are not part of any master design. They can be added to a group design by the new option **Add language field** (button **Add lang.**). When adding a field to the screen, you will have the option to select a fixed language for the field. Fields defined without a specific language will be dynamic and show the translated name in the language selected when logging on to API PRO. The list of languages available for translated fields is configured in the program **System – Module configuration – Language data configuration**.
Having added two translated names like shown in the example above and logged on as a user belonging to the proper design group with the language Dansk, the program **Spare part** will have the following look:

Because the French (FR) name was added to the group design explicitly, i.e. by specifying 'Français, FR' in the drop-down list 'Language', this field will always be shown, independent on the API PRO current language. The Danish (DA) name was added by specifying 'User login language, XX', so if you log on with another language, the translation of the name to the current language will be shown in place of the Danish name.

**New and updated Crystal Reports template files**

**Crbartmp.rpt** (changed)
The sub report SubPOLine has been corrected: the link spare_part.sp_key -> sp_supplier_combination.sp_key has been replaced with purchase_order_line.sp_key -> sp_supplier_combination.sp_key and purchase_order_line.supplier_key -> sp_supplier_combination.supplier_key.

The sub report SubNoPOLine has been corrected: apart from spare_part.sp_key -> sp_supplier_combination.sp_key, the link spare_part.supplier_key -> sp_supplier_combination.supplier_key has been added.

**Crmocard.rpt** (changed)
The new sub report SubNotes has been added. It includes notes of all types made to a maintenance object. If notes of any type are not needed, the report can be customized by defining a record selection condition in the sub report SubNotes.
**Translations**

The latest translation database can be downloaded from [www.apipro.com](http://www.apipro.com).

**New text instances**

Approximately 50 new texts have been added. These will be loaded/added to the existent translation database.

The update will run during the first logging on after the installation (requires that the first user to log on has rights to the translation database, and that the translation database is placed in the XCODE directory). If the update fails due to the problem of the connection to the translation database on the first logon, it is possible to load the updates later - use the translation tool, the option **Load new texts**, to load all texts/instances added after the release of API PRO Open.7.

**New language**

Lithuanian language has been introduced in API PRO. The existent translation database will not be appended with these translations during the first logging on after upgrading to API PRO 8 Accumulated Fix Package B. If you need the Lithuanian translations, please download and use the latest translation database or contact API PRO support for appending your current translation database with Lithuanian translations.

The Lithuanian language code to be used for the compilation of programs and in Translation Tool is LTL.

**Updated translations**

The translation database has updates for Lithuanian and Russian.

**Correction of logical values**

The phrases ‘Yes/No’, ‘Yes’ and ‘No’ had inconsistent translations to Finnish and Hungarian, which led to errors in the programs, using these texts. The correct translations are available in the latest translation database.
List of corrections and improvements

The accumulated fix pack contains corrections for a number of small errors and improvements:

12644 WS purchase inheritance in all registration programs
Type: Improvement
When registering external work supplier hours on a work order, it has been made possible to purchase these hours if the work supplier or any parent work suppliers was hired through a purchase order. Currently, it was only possible to click 'Purchase' if a work supplier chosen was hired directly.

12697 More fields in import
Type: Improvement
When importing cost dimensions, some fields were missing in several tables in API PRO 8. The fields are:
- cost_carrier_key;
- credit_cost_type_key;
- debit_cost_type_key;
- debit_account_key;
- credit_account_key;
- cost_purpose.

It has been made possible to import them in all tables for which import is enabled) where account and cost type are already present (transactions, maintenance_object, position, work_order, work_history, purchase_order, purchase_order_line, stock, stock_control, supplier, picking_list, work_supplier etc.).

12760 Stock removal from catalogue
Type: Improvement
The program 'Work order stock transactions' has been appended with one more P&S button next to the field 'Type number'. The button is used to choose a spare part from the browser 'Spare part - supplier combination/catalogue'. The browser shows only the spare parts found on the stock specified in the field 'Stock key'.

12790 Add cost carrier field to stock
Type: Improvement
The field 'Cost carrier key' has been added to the programs available in Basic - Basic data for stock, where you can select the field with Page up/down or a browser (F3). The field has also been added to work supplier transactions. The field is not saved anywhere else. But it is used for logic when creating the GL export file.

12798 Dump/load of dynamic fields
Type: Improvement
The options Import and Export have been added to the dynamic fields browser.

12869 An easier way to view document history
Type: Improvement
An easier way to view document history has been provided. The menu items to view the document storage history from the document and document combination browsers have been added.

12879 History note in the iPhone WO application
Type: Improvement
The history note field has been added to the iPhone work order application.

12881 iPhone: show device id on the login screen
Type: Improvement
The iPhone front end has been modified to show the device ID on the login screen.

12885 Add RELATE and DEFAULT options for the Counter_reading.Counter_key import
Type: Improvement
The RELATE and DEFAULT options have been made available for the import of Counter_reading.Counter_key.

12889 Notes in MO card
Type: Improvement
The maintenance object card has been extended with the new section which shows maintenance object notes. By default, the notes of all types are shown. Customise crmocard.rpt by specifying the record selection condition in the sub report SubNotes to include only notes of the type you need.

12893 Max fields in filter extended from 60 to 80
Type: Improvement
Raw transactions and financial transaction could have more than 60 fields, so it has been made possible to include up to 80 fields in the filter screen.

12902 Leave of work supplier browse line in job feedback with QTY 0 changed
Type: Improvement
The leave logic of the line in the work supplier browser of the job feedback by work supplier has been changed. If a user is linked to a work supplier and this work supplier is on a transaction and the quantity is 0 and it is a new transaction, you will not get an error: 'Quantity may not be zero!' any more.

12932 Disable load of default filters on browsers called from KPI program
Type: Improvement
Due to default filters enabled, not all records from KPI were displayed in the browser by default. For this reason, loading default filters has been disabled in the browsers called from the KPI program.

12936 CSM: Skip more files from download
Type: Improvement
The following improvements have been made to CSM:
1. The files apipro.b1, apipro.d1, apipro.db, apipro.df, apipro.lg, apipro.st, dataserv.lg, *.sql and empty.txt are now skipped when downloading a package.
2. In the file CSM/work.lst, the default logic for choosing whether a file is "CLIENT" or "SERVER" only can be overwritten.

12764 Sorting in ABC analysis
Type: Error
Sorting in ABC analysis was wrong if more spares were with the same consumption value. The sort order was descending by SP key. It has been changed to ascending.

12767 Tree causes SYSTEM ERROR: Attempt to define too many indexes for area 6
Type: Error
The log files of the application server had the following error:
GetBuffer appserver/apicbf.p SYSTEM ERROR: Attempt to define too many indexes for area 6 database DBI<n>. (40) (14675)
The 'finally' sections have been added to clean up a current temp-table when running on:
- an application server
- a client
(in logic files).

12826 Some cRelTbl for maint designs empty
Type: Error
The format of a number of API PRO 8 fields has been corrected in the maint programs.
12847 Error in WO registration on MO from tree
Type: Error
When calling work order registration from a maintenance object in a tree program, the error
'Cannot delete temp-table member DATA of dataset DataSchema without deleting the
dataset first. (12326)' was raised. This error has been corrected.

12857 Permission - Permission_barcode should be excepted from copy in 8
Type: Error
Load of API PRO 8 texts should not be done again in update to 8.0.00 if this is
already done as part of update to Open.7 SP 06. Update to Open.7 SP 06 has been
excluded from reading data to API PRO 8.

12865 Financial transactions and credit invoices do not work combined
Type: Error
The financial transactions and credit invoices did not work combined. Invoice
totals were calculated in the wrong way on invoice credit when "Financial
transaction" mode was enabled, which has been corrected.

12870 Error on delay in inspection accumulation if header line selected
Type: Error
When a header line is selected in the inspection accumulation and 'Delay' is
pressed, you got the error:
Error occurred while accessing component property/method: Record.
Unknown name. Error code: 0x80020006 action DELAY
apicbf/client/inspection_accumulation.p (5890)
This has been corrected.

12873 Number of errors in Inspection explorer alarm flag
Type: Error
The following errors have been corrected:
1. No Alarm flag when Inspection round combination type.
2. If running not in English, then no colors were available on the alarm flag.
3. No indication of the color code alarm in version 8 .

12875 Lines in invoice printout
Type: Error
Invoiced quantity and amount have been corrected in the invoice report, the
section Lines.

12894 Invoiced line not visible until manual update
Type: Error
When doing invoice registration, the transaction was not visible until manual
update. Auto-update of the program Invoice registration has been provided.

12907 Error when returning a delivery
Type: Error
If, after crediting an invoice transaction in the program Invoice Registration,
a user tried to make a return transaction in the program DeliveryRegistration,
after selecting a line in transactions browser, two errors were raised and a
transaction was not made. The errors have been corrected.

12914 Errors in Notification module
Type: Error
The modules 'Notification system' and 'Shift log book' have been
improved/corrected:
- It has been made sure notification data and related functions are
  invisible/unavailable when the module 'Notification system' is not installed.
- It has been made impossible to choose a work supplier which is not marked as
  'Responsible' in the field 'Responsible' of the program 'Notification'.
- The name of the work supplier of a notification has been added to the master
design of the maint Notification.
- Notes and Ctrl+F3 have been enabled for shift types and shift responsibility
areas.
- The options 'Done' and 'Note done' and the function 'Delete' applied to
notifications in the notification browsers, including the browser in the program
'Shift history' have been improved.

12917 Refresh in Workload Flat does not work
Type: Error
The function Refresh did not work in the program Workload - Flat. This has been
corrected.

12919 Problem with leave of maint program with illegal date value
Type: Error
The problem of leaving a field with an illegal date value in maint programs has
been solved. A check of these errors have been added:
** Year is out of range or 0.
** The month of a date must be from 1 to 12.
** Day in month is invalid.
** Invalid date input.
Related to progress defect PSC00290242.

12930 Impossible to use the function 'change stock key' --> message error
Type: Error
It was impossible to use the function 'Change stock key' in the program 'Stock
control data'.

12937 Related fields for key dynamic field
Type: Error
Adding language names of related dynamic fields has been fixed.

12946 The errors in hour rate list creation and hour rate price calculation
Type: Error
The errors were fixed in the creation of the hour rate list and the calculation
of the price of hours in the programs 'Job feedback by work supplier' and
'Purchase order line'.

API PRO 8.0.00A
27.12.2013 API Maintenance Systems A/S

IMPORTANT
This is the Release Note for API PRO 8 Accumulated Fix Package A.

Installation – API PRO 8.0.00A

The following installation instruction has to be followed:

<table>
<thead>
<tr>
<th>Current API PRO version</th>
<th>How to upgrade to API PRO 8.0.00A</th>
</tr>
</thead>
<tbody>
<tr>
<td>API PRO 8</td>
<td>3. Install API PRO 8.0.00A</td>
</tr>
<tr>
<td></td>
<td>4. Compile and start</td>
</tr>
</tbody>
</table>

For any other version than API PRO 8, please follow the installation instruction included in the API PRO 8 package.

Progress version 10.2B or newer is required to run API PRO 8.0.00A.

Additional information about the Service Pack

Translations

List of corrections and improvements

The accumulated fix pack contains corrections for a number of small errors and improvements:

12661 When closing menu-system a lot of running programs are left behind
Type: Improvement
When closing API PRO, a lot of running programs were left behind before you got the question 'Shutdown / Log off'. This has been changed, so these programs are now closed before the question occurs.

CodeJock crash on close of system has also been fixed.

12663 Error when printing barcodes from stock delivery
Type: Improvement
The fix enhances an error message and adds more check to valid barcode selection.

12669 No automatic creation of internal sparepart even if the system setting is on
Type: Improvement
The problem only showed if the first selected line is already created as a spare part. Now, all selected lines are replaced by the matching spare part if possible and the rest is optionally created.

12686 Logfile added when reading from CASIO
Type: Improvement
When the customer was reading out the casio, they received a message that 3 lines where skipped because of a non-existing barcode. The problem was that you do not know which line it was since there is no log. A log file has been added.

12704 Compile tool all progarms don't include customized programs
Type: Improvement
If a custom list exists, it is now added to the compile list of all programs.

12705 Copy purchase order
Type: Improvement
"Cost carrier" and "Debit cost type" have been included in copying orders and lines.

12721 Leave of work supplier - when tree is enabled not possible when not responsible
Type: Improvement
Leave of work supplier key field - when tree field is enabled - is not possible unless work supplier is marked as responsible. This is changed so field don't check responsible flag when tree is enabled. So when selecting browse when tree is enabled show all work suppliers.

In normal interval mode the entered work suppliers should still be responsible, and browse will only display work suppliers that are responsible!
12722 Barcode labels for stock control location records
Type: Improvement
New type of labels for stock control location records.
Criteria like present stock control label program - but prints multiple labels pr. stock & spare-part combination

12724 Not possible to define shift calendar for 24x7
Type: Improvement
If defined interval from 00:00 - 23:59 you only get 24 hours - 1 minute.
Program changed to treat an entry of 23:59 as 24:00 (So one minute is added to calculations)
Largest value that can be entered is 23:59 = 1 day minus 1 minute = 86340 seconds
When this is seen by time calculation procedure, it will use a full day = 86400 seconds

12733 Focus problem after call of work order feed-back from jobsurvey and finish wo
Type: Improvement
Focus problem after call of work order feed-back from jobsurvey and finish wo
The refresh that is executed as part of finish makes the work order program loose focus.
Corrected so focus is sent back to work order program after finish

12655 Task for fix pack geneation for special installtion.
Type: Error
Skill report doesn't reacts on OK button

12659 Unable to edit work supplier data in browser
Type: Error
Unable to edit work supplier data in browser when 'Read-only browsers (all uses)' is toggled off

12660 On part list field was enabled in browsers
Type: Error
On part list field was enabled in browsers

12664 Delivery transaction program opens stock browser instead of stock control browse
Type: Error
When clicking on the browser button next to the 'stock' field the stock browser (with all stocks) opens. But it should be the stock control browser with only the stocks where a stock control record for this spare part exists

12668 Import runs as one transaction
Type: Error
Corrected import procedure to make a single transaction per one record for the main importing table

12670 Joined export surrounds values with double quoters
Type: Error
Output of joined export corrected

12675 Transaction amount not calculated if value field not shown on screen
Type: Error
Multiple errors were fixed in part of calculation of hour rate and cost in Job feedback by work supplier program.

12677 Multiple errors when browser in maint program is hidden
Type: Error
If browser in maint programs are hidden you receive multiple runtime errors:
* Invalid handle. Not initialized or points to a deleted object. (3135)
* Cannot access the QUERY attribute because the widget does not exist. (3140)

Notice: Maybe some of the browsers should have 'lLockVisible' set to true, so users can't hide them!?

12678 Change of inspection round in the FM template work order
Type: Error
Round key was disabled on FM templates work orders. Only one Round possible to edit on using Inspection option.

12679 Maint called from browser
Type: Error
The new basic configuration parameter 'Close maint on save' has been introduced. A maint program called from a browser or another program which represents a list (a report control or a tree) closes when a record is saved only when this parameter is switched on. Otherwise, the maint program remain active, which allows a user to relate information to the record saved without re-opening the maint program and re-navigating to the record.

If this parameter is switched off and a maint is called in a new mode with inheritance from the current record of a calling program, the inheritance is applied only to the first saved new record. The next use of the function New in the maint by a user will not inherit values from the calling program.
The only and part exception is programs for combinations. If such a maint program is called, not only will the first saved record get the key relation information, but also each next created combination record.

This configuration parameter is not applied to the maints started by using advanced calling logic.

12680 Work supplier tree browser in work validation don't support view
Type: Error
Work supplier tree browser in work validation don't support view.
Corrected so VIEW display work work supplier information
12681 Spare supplier combination data not taken to IPR
Type: Error
Spare supplier combination data not taken to internal purchase request
Added leave logic to SP_key and Supplier_key fields

12682 instead of responsible the work supplier is copied to work order
Type: Error
Assign af work history responsible corrected when finishing the work order from inspection registration

12684 WOWN reschedule set Active mark to ?
Type: Error
Rescheduling work orders with calendar based work instructions attached has been corrected.

12685 Test for "Book on jobs not in progress"
Type: Error
The set-up includes a check-box for: "Book on jobs not in progress" but this only allows to enter at word-order directly - not navigate or use P&S.

12687 Remark is not required, even when design says REQUIRED
Type: Error
Fields could be shown as not required, even when design said "Required".

12688 It is possible to accept the transaction even if mandatory field is empty
Type: Error
It was possible to accept the transaction even if mandatory field was empty

12689 Wrong format of work supplier field
Type: Error
Format of work supplier field in workmove select program corrected

12690 Imported MO:s do not get cost carrier
Type: Error
Import corrected to assign cost carrier for MO

12691 Record navigation problem (numeric keys)
Type: Error
Records navigation problem starting with ' ' (space) is corrected (previously you had to press PgDn or PgUp twice)

12695 Jobs from PDA inspection always CMP
Type: Error
Now when creating Work order from Inspection PDA Job types takes from
Inspection configuration.

12698 Copying agreement lines to a PO
Type: Error
The lines of a call-off agreement were not copied to a PO in the same sort order when the option 'Call-off' was used. This has been corrected, so the PO lines are sorted in the same way as agreement lines.

12699 Editing a service in an agreement
Type: Error
In the program Agreement, the option 'Edit' chosen for a service line did not call the corresponding screen in the edit mode. This has been corrected.

12700 Add a document to an inspection activity in history triggers an error message
Type: Error
Add a document to an inspection activity in history triggered an error message.

12702 New/Edit/Delete in IPR browsers
Type: Error
Functions New, Edit and Delete, which ran two times in the browser Purchase Internal Request when chosen to be called from the main menu in the program start configuration, have been corrected.

12706 Iphone doesn't attach documents to new work orders
Type: Error
Iphone doesn't attach documents to new work orders

12712 In PDA Inspection Ordered by is not transferred
Type: Error
When creating work orders from an inspection point in the mobil PDA software, the ordered by now filled accordingly to the Default order by setting in the Basic module config.

12723 Error on save some jobstatus.
Type: Error
Save of Job status doesn't give tree related error.

12726 Error Message by Stocktransactions
Type: Error
Assign of trans_mo_key corrected in the stock transactions movement program

12727 WO debit cost type & cost carrier not copied
Type: Error
PMT debit cost type & cost carrier not copied
Since same problems exist other places where work orders / history is copied,
or transaction created from work order / history  
 it is general bug  

Have corrected a number of places where debit_cost_type and/or cost_carrier seems to be missing.  
If this is making situation better or worse I don't know.

12732 When designing note for work order or purchase order they are not attached  
Type: Error  
When designing note for work order or purchase order (or other table with auto-key) they are not attached to the work order after save.  

it seems it saves the note before the work order key is assigned - and afterwards don't correct the key on the notes.  

So on next save of a work order I gon:  
** Note already exists with Relates to "purchase_order" Relation key "" Type of note "1" Record language ". (132)  

Code will be changed to either save the note after the work order or rename the key of note after save.

12734 Fields are not inherited when creating a WO from iPhone  
Type: Error  
Fields inheritance corrected when creating a work order from iPhone

12738 Display settings and Plant Explorer  
Type: Error  
When a screen display setting at 125% in Windows 7 was used there was a problem in all explorers in the system - mouse selections went to the next item instead of that which should be selected.

12739 Problem sending emails by import  
Type: Error  
Communication between import/export and mailing system has been corrected.

12741 iPhone doesn't inherit hour rates  
Type: Error  
iPhone program has been corrected to inherit hour rates from the root work supplier in case it is set to zero.

12742 iPhone application calculate removal prices wrong  
Type: Error  
iPhone removals price calculation has been corrected.

12745 IPR line can not be deleted from header if there is spare part reservation.  
Type: Error  
An IPR line could not be deleted from a header if there was a spare part
reservation.

12748 ** No Work history record is available. (91) when copying po lines
Type: Error
Avoided an error message when copying PO lines with work history attached.
## Change log

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Created/Changed by</th>
<th>Comments</th>
</tr>
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<tr>
<td>1.0</td>
<td>27.02.2014</td>
<td>Ruslana Smichyk</td>
<td>Original version.</td>
</tr>
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</table>