API PRO Open.7.04
04.07.2012 API Maintenance Systems A/S

IMPORTANT
This is the Release Note for API PRO Open.7 SP04. It is an accumulated Service Pack which means that it contains also all previous accumulated fix packs for API PRO Open.7.

Installation - Open.7 SP04

The following installation instruction has to be followed:

<table>
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<tr>
<th>Current API PRO version</th>
<th>How to upgrade to Open.7 SP04</th>
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<tr>
<td>API PRO Open.7 or</td>
<td>1. Install Open.7 SP04</td>
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<tr>
<td>API PRO Open.7 SP01 or</td>
<td>2. Compile and start</td>
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<td>API PRO Open.7 SP02 or</td>
<td>3. Optional: install new components</td>
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For any other version than API PRO Open.7, API PRO Open.7 SP01, API PRO Open.7 SP02 or API PRO Open.7 SP03, please follow the installation instruction included in the API PRO Open.7 package. If it is a new installation or an upgrade from an earlier version of API PRO, then it is recommended that this service pack is applied before the Open.7 package is compiled for the first time.

Progress version 10.2B or newer is required to run API PRO Open.7 SP04.

Additional information about the Service Pack

New components

To be able to use the new improved gauges in the dashboard or/and see the new icons in the tree, it is required to update/install new components/activeX on the client.

The installation of the new components is optional for this service pack. The old components will be used if the new ones are not installed.

The new components are installed by executing the ‘Open7SP04NewCoponents.exe’ found in the \SETUP directory.

In order to enable the support for the installed components, you must add the following line ‘CodeJockVersion=15.2.1’ to the ‘[API PRO Open.7]’ section of the apipro.ini file.
If this part is not done, then old codejock and KPI components will be used. It is NOT recommended to run with a mix use of components – so all clients in an installation (running same db/apirpro image) should use the new components (or none).

**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.

**Performance improvement - find of relations for fields in select and some maintain programs are slow**

The way a program finds relations has been changed to speed-up loading programs. A search for relations for fields known not to have relations is now skipped. Known relations have been added to programs, so this saves the look-up of relations in the database.

A search to the table we are currently loading has been limited (before, fields for all tables were searched).

This have resulted in reducing the database reading with at least the factor 100. The worst case was more than 100,000 reads on loading a program that is now resulting in less than 100 database reads.

**Get-label procedures split across multiple p-files to enable instance translations**

Side labels, column-labels and help text for all fields in the database has been split in multiple files, so you can make different translation per table for the same label that was global for all tables before.

Since the first release of Open.7, it has become impossible to translate the same field label in different ways depending on a program where it is used, which was possible in API PRO V54 Xa. This feature has been turned back in Open.7 SP04. As an example, consider the label 'Telephone'. It could be needed to translate it as 'Contact person's phone' in the program Contact Person and as 'Supplier's phone' in the program Supplier. To reach this goal, put special translations for the instances label/contact_person.p and label/supplier.p. The three instances with the same program name beginning with 'label\' correspond to the side label, the column label and the help string of the field.
Return newly created key to calling program, also when auto-key numbering is enabled

When you save a record in a program called after the question ‘Key not found! Create?’, it will return the saved key in this program to the field you were trying to leave.

Dashboard – new gauges

A new ActiveX package with better looking gauges than the old ones is now used. A number of new gauges have been added to the option list and some old ones have been ‘redesigned’. The screen shot below includes some new and some redesigned gauges – the graphic in the new ActiveX is more smooth/appealing than what was possible to show with the old activeX.
New gauges are available in the dashboard new mode:
Documents operate with "folders" in more natural way
You can do fast folder creation directly from the Drawing Combination program.

Folders can be with sub-documents or without them.
A double click on the folder icon always opens a new instance of the Drawing Combination folder.

Folders in Drawing Combination is an improvement based on already present Document Structure, so please remember that “usual” documents may have their sub-documents.

![Image of Document Combination tree]

Anytime it is possible to go to the program Document and change its type to [Folder] or back.

User’s Guide reference:

**DOCUMENT STORAGE HISTORY**
- Erase file
- Make current
- View doc.
- Print doc.
- Export

**DOCUMENT TREE**
- DR Filter
- Choose a document or a folder
- Pop-up menu options
- Document/Folder (sublevels)

**DRAWING COMBINATION**

Permissions/Site rights logic is reviewed in Document Combinations. Please, see manuals for extended explanations if needed

User’s Guide reference:

**DRAWING AND DOCUMENT MODULE**
- Basic setup
- Options
- Defining Internet Pages as Documents
- Document storage
- Error codes description, troubleshooting and support
- Parent program, Site and Documents(drawings) permissions relation between Document Combinations and Drawings (access and configuration)

**Replaced work instruction on counter based WO**
Activation and rescheduling logic for Work instruction - Work order combinations has been fixed and improved. It has become more robust and predictable.
All work instructions attached to a work order are activated based on their own next date/counter value (including work instructions with the root work instruction). If an active work instruction has a replaced work instruction, then the replaced one and all below in the replacing chain are set as not active. The main work instruction is always active.

Rescheduling works now as designed. If a work instruction was active in the previous step (schedule), then it is rescheduled together with all work instructions found below in the replacing chain.

User’s Guide reference:

MAINTENANCE

OVERVIEW

MAINTENANCE WORK FLOW

WHAT YOU NEED IN ADVANCE FOR MAINTENANCE

WORK ORDER

Field Description - Main
Field description - Description
Field description - Status
Field description - Costs tab
Estimate - additional information
Work order options
Job Card Printout - Starting the Work Order
Work Suppliers on a Work Order
Spare Parts on a Work Order

Work instructions on a Work Order

Allow no MO on Work order and Work history

A new maintenance configuration parameter has been introduced which makes it possible to finish registration or technically finish a work order which does not have a maintenance object.

Supervisor’s Guide reference:

MAINTENANCE MODULE

Field description - Basic setup
Field description - Order/Plan

Field description - Feedback/History

Field description - Error code setup
Field description – Approval

User’s Guide reference:
New CodeJock components

Besides solving the problem with the ‘not so easy readable text in the file dialog’ the new/updated codejock components have been used to implement a new tree component with support for icons similar to the ones used in other places in API PRO Open.7. The screen shot below is from the Plant Explorer.

New features added in the Job request portal
A tree button has been added for Position, Maintenance object and Work supplier. Tree branches populate on demand. A tree button can be removed in the design field lTree.
The auto-complete option has been added to all fields with P&S – if you type two or more characters, then you will get the list of all matching keys in the system. This option can also be turned off in the design field Autocomplete.

User’s Guide reference:

JOB REQUEST PORTAL

OVERVIEW

My job requests
View job request
Create job request
Timeout

Please select a record
Inspection
1.1A ... GRID & DISTRIBUTION SYSTEM
1.1F ... CONVENTIONAL FUEL SUPPLY
1.1G ... WATER SUPPLY & DISPOSAL
1.1H ... INSTRUMENTATION & CONTROL EQUIP.
1.2 ... STEAM/WATER/GAS CYCLES
1.3 ... MAIN MACHINE SETS
1.5 ... GRID & DISTRIBUTION SYSTEM
kik
kkk

Select | Cancel
Please, refer to the Installation Guide if you need to install Web Job Request Portal:

**Web Job Request Server Install**

- **Prerequisites**
  - 2003 server IIS 6.0
  - Microsoft .NET Framework 3.5 SP1
- **Install the Job Request portal program package**
  - Customizing the Job Portal help page
  - If you have x64 system
- **Configuration of Internet Information Services (IIS 6.0)**
  - Create the “API PRO Job Request Web Service” site in IIS
  - Create the “API PRO Job Request Portal” site in IIS
  - How to check the security settings for a web site

**Auto-numbering function for maintenance object key**
The new basic system configuration parameters have been introduced in the system to be able to auto-generate maintenance object keys.

![Auto-numbering function](image)

**Supervisor’s Guide reference:**

**MODULE CONFIGURATION**

- **OVERVIEW**
- **INSTALLATION INFORMATION**
  - Field description
- **BASIC SYSTEM MODULE**
  - Field description - Basic setup
  - Field description - E-mail
  - Field description - Export

**Guarantee work order**
When a work order is covered by guarantee, a user is informed about this by the message

![Guarantee work order](image)

The guarantee information of a work order’s maintenance object was not saved anywhere. The new maintenance system configuration parameter ‘Work category to use for guarantee WO’ stores the category key which should be assigned to a guarantee work order, so it is possible to find such work orders any time by the category.
If the parameter is not blank, the message above is converted to the question

By answering ‘Yes’, a work order is assigned the category stored in the configuration parameter.

Supervisor’s Guide reference:

**MAINTENANCE MODULE**

Field description - Basic setup
Field description - Order/Plan
Field description - Feedback/History

**New and updated Crystal Reports template files**

The following Crystal Reports templates have been changed:

- crbartmp.rpt Updated
- crbudrpt.rpt Updated
- crhiscar.rpt Updated
- crspcard.rpt Updated
- jobmonitor.rpt Updated
- jobsurv.rpt Updated

Templates should be copied from WORK\CRPRINT\TEMPLATE to WORK\CRPRINT directory to make use of the changes. If a Crystal Reports file in \WORK\CRPRINT has been customized, then the custom changes should be ‘ported’ manually to the new template.

**Documentation**

The manuals - User’s guide, Supervisor’s Guide and Installation Guide - have been updated to reflect the functionality in this service pack.

The latest version of all manuals can be downloaded from www.apipro.com.

**Translations**


**New text instances**

The text update for Open.7 SP04 contains approximately 110 new text instances. These will be loaded/added to the existent translation database.
The update will run during the first logon 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).

Fix programs

This package also contains new check/fix programs that check and correct requested and ordered quantity on stock control. These programs can be started from the program Diagnostics.
List of corrections and improvements:

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

09620 Automatically printed documents are sent to Windows default printer
Type: Improvement
Documents linked to WO, INS, PO, etc. and set as "automatic printing" are printed via the printer selected when printing the WO, INS, or PO.

10595 Account key is not autofilled in IPR
Type: Improvement
Account key is now autofilled in IPR

10598 Context-sensitive help for new programs
Type: Improvement
Context-sensitive help is added for:
- Raw transactions;
- Work order and Work history;

10600 Design corrections of Accum. resources - Work suppliers window
Type: Improvement
Accumulated resources browsers improvements: width of columns was changed to show more data.

10601 Job feedback by WO design extension with 2 more fields
Type: Improvement
Job feedback by WO design and Work History browser and maint are extended with 2 more fields (read-only, hidden by default):
* Registration_counter
* Total_registration_counter

10616 "Scan for already existent links" option in DS configuration
Type: Improvement
"Scan for already existent links" option is added to DS configuration.
If it is enabled, when user links files in Drawing Combination program, the system checks if a Drawing for this file already exists.
When a match is found, the drawing is re-used.
Notes of how the "already existent link" is searched:
* Document's "Name" field must be a filename of the processed file. (on default linking, not changed manually)
* Document's "File name" field must be a filepathname of the processed file.
* Document's site is validated, and if user has no (at least View) access - new Drawing is created (match is not re-used).

10620 Support for position code and group in batch statistics
Type: Improvement
Support for batch 'calculation' with pos_code and pos_group is added directly in source.
Please notice that 'fileds' should be initialized/fixed correctly for this to work in std.
So same approach for pos_code and pos_group as used for mo_code and mo_group in std.

10626 Check of suppliers invoice number is performed now only in the edit mode
Type: Improvement
Check of suppliers invoice number is performed now only in the edit mode

10641 MO key and WO key in IPR Filter
Type: Improvement
MO key and WO key have been included to the filter of the browser Purchase Internal Request.

10644 work order budgets cannot be imported
Type: Improvement
Budget fields have been added to the work order import

10650 Sequence for new Maintenance Object auto creation
Type: Improvement
The maintenance object key auto-generation has been added. The parameters of the new functionality can be managed in the basic system configuration. The auto-generation can be switched on and off, the prefix and the number of digits of a maintenance object key can be set.

10657 Copy PO int req for Preventive WOs
Type: Improvement
Ability to copy purchase internal requests for preventive work orders is implemented.

10658 Find of relations for fields in select and some maint programs are slow
Type: Improvement
Find of relations used by navigation and browsing for fields in Select and some Maint programs were slow

1: Added exceptions for fields without relations (Relate_key, Tool_type_key, AII_system_external_key1, ...)
2: Added search for all unit fields and exceptions to avoid search for name or extra info fields

The following problems for maint programs are corrected:
1: Field search in Maint programs didn't search for correct table
2: Detecting hit, it only stopped searching if it is related to a table-field (it should always stop on direct hit)

The following problems for select programs are corrected:
1: Kown field names are converted for an easy lookup (f1Account_key -> Account_key)
2: A list of known relations is added
For some programs number of reads went down from > 100.000 to less than 100.

10.01.12: Removed logging to d:\temp\fields.txt

10661 When help texts are longer than 63 they get truncated
Type: Improvement
When help texts are longer than 63 they got truncated
This is changed so the text will end with ...
This indicates that not the entire text is displayed

10666 MO name and Inspection point name are missing in the Inspection explorer
Type: Improvement
Fields "Maintenance object name" and "Inspection point name" were added to the
Inspection round setup and Inspection explorer (hidden by default but can be enabled in designs).

10684 Jobfilter extention to support filtering on additional WO fields
Type: Improvement
Jobfilter extention to support filtering on additional WO fields:
  mo_group_key, mo_code_key
  pos_group_key, pos_code_key
  account_key, cost_type_key, cost_purpose_key
These fields will be included in design, but should be 'delivered' not visible
with standard system.
The following instances of the 'select' jobfilter (+ backend) should be included:
  CronAccu, JobAccum, JobMonitor, JobSurvey, PMYear, WoWh

10694 Light user access to custom programs
Type: Improvement
Fix-db has been appended with a call of procedure which would establish light
user access to custom programs.

10710 Support for 'simple' drilldown on subreports in the CR Viewer
Type: Improvement
Support for 'simple' drilldown on custom developed reprot in the CR Viewer is
added.
Support will include the following when drilled down from main level:
  Navigate on the 'drilled' down page - PageUp/Down
  Drill down to sublevel
  Return to parent/previous level
  Exit CR Viewer
So on sublevel all other options will be disabled. Reason for this is that
print, export etc are supported on main level only.

10717 Enable the additional fields for import
Type: Improvement
Import field's list is extended.

10720 Physical quantity field was added to Stock Control related Dashboard KPIs
Type: Improvement
Physical quantity field was added to Stock Control related Dashboard KPIs

10725 Maint kernel improvement
Type: Improvement
SwitchOffRefreshData procedure is added to the kernel.

10751 When adding a PO line, it’s not possible to go to other menus until you close it
Type: Improvement

When adding a purchase order lines to purchase order header, it was not possible to open other menus items until you leave purchase order line program.
This is because the add/edit line program was modal (dialog-box)
Screen is re-programmed to be non modal.

Changed functions on line screen:
* Add spare
* Add WoSu
* Add Service
* Edit (line)
* Status
* Supplier

Changed all call to purchase order line status to be non-modal

Note if you enter more lines at same time you will get error: Progress error#: 132
Error: ** Purchase_order_line already exists with Purchase key "XXXX" Order line 999. (132)

10753 New auto-generated key return to calling program on creation
Type: Improvement
New auto-generated key return to calling program on creation is enabled
This function works for all keys. So if you call program with 'key1' but decide to change to 'key2' before saving, then key2 is displayed in program where you called it from.

10777 Auto correction of inspection tree_text
Type: Improvement
When the work instruction name is changed in a work instruction, the name (free text) for an inspections activity with reference to the work instructions in questions, will be override with the new instruction name if the old instructions name was equal to the name (free text) in the activity
This means that it you have changed the free_text manually it will not be overwritten

10789 Finish responsible field should be extended.
Type: Improvement
Finish responsible field is extended with 'Finish_Work_Supplier_key' field
10790 Get-label procedures split across multiple p-files to enable inst. translations
Type: Improvement
Get-label procedures split across multiple p-files to enable instance translations is implemented

When the field level labels was in separate .p files it was possible to use translation tool to make instance translations because each label was uniquie within each procedure. (Similar to version 5)

10796 Month view access from more 'cells' (dbl..click) to related information
Type: Improvement
Month view has got a new row.
Month view access from more 'cells' (dbl..click) to related information is implemented.

10805 Automatic initialization of Supplier_Spare_Name from Spare_Name
Type: Improvement
Now system automatically initializes "Supplier spare name" from "Spare name" when creating a new "Spare/Supplier data", if "Spare name" is defined. User can easily override its name. Function cannot be disabled.

10816 Notes for cluster codes cannot be imported
Type: Improvement
Notes for cluster codes can now be imported

10820 The inspection point maintenance program does not work
Type: Improvement
Inspection_points maint program is corrected for adding or editing records in the Inspection_points browser.

10831 MO config new options: Cluster. Don't start / delay jobs simultaneously
Type: Improvement
New options are adde to Maintenance configuration.
Cluster. Start job simultaneously.
Cluster. Delay job simultaneously.

10835 Get-label-local in CR print procedures
Type: Improvement
The developer-oriented message 'The following translation is not handled in get-label-local: <list of report fields with not translated labels>' has been removed from xml-generation programs used to produce Crystal Reports.

10843 Job monitor: new field (stop time) addition
Type: Improvement
Job monitor. New field (stop time) is added

10846 Job monitor: job code key is not visible in filtered data
Type: Improvement
Job monitor: job code key was not visible in filtered data
This fix adds field "Job code" to program "Job monitor".

10860 Pos./MO root filter field works like POS field only
Type: Improvement
An additional Point&Shoot button is added to the field "Pos/MO Root" for choosing Maintenance object in the Inspection Accumulation filter
Fix-db is required.

10871 Doc. combination browser - sub folder icon/structure, permissions, site rights
Type: Improvement
Documents operate with "folders" in more natural way. Permissions/Site rights logic is reviewed in Document Combinations. Speedup and bugfix in set of related programs. Changes are part of SP04.

10883 Job feedback - register hours despite absent permissions
Type: Improvement
In job feedback by WO it was impossible for users to register used hours if having the "edit" work orders permission disabled
So if new option (in the maintenance config) is ON - it is possible to register hours despite permissions.

10886 Logic correction if field in design is moved to another tab
Type: Improvement
It was dependant on the field in specific tab folder at runtime. Now the logic will work propely if field in design is moved to another tab-folder.

10887 Change of cost type between delivery and invoice
Type: Improvement
If the cost type is changed in a PO line if there are delivery transactions on this PO line which are not yet invoiced, the cost type is changed from the old one to the new cost type when an invoice is registered on a delivery transaction. This is considered to be too late by many customers - the cost type should be changed automatically in the delivery transactions as soon as it is changed in the PO line.

The cost type can be automatically changed conditioned by that:
NO D-transaction for the PO line has been exported AND NO delivery line has a cost type different from "old-value" of the cost type

There should not be a question to the user whether to change the cost type on the delivery transactions or not - this will just be a risk that he gives the wrong answer.

If it is not allowed to change the cost type on the transactions it should also not be possible on the PO-line. An error message
could be: "Transactions have been processed - correction of cost type not possible".

10903 Job card date on the first view
Type: Improvement
When first viewed after starting a job, a job card has the empty jobcard_date and jobcard_time. This happens because the print status of a WO (and other printed objects) is refreshed after viewing a report. To keep the established order of processing data, the solution implemented in this fix is overwriting empty jobcard_date and jobcard_time with the current date and time in the XML database of the job card if a work order is started.

10905 Support for CodeJock v15.2.1 (0221)
Type: Improvement
Support for manually installed CodeJock v15.2.1.0221 component is added
Usage in ini file:

```ini
[API PRO Open.7]
CodeJockVersion=15.2.1
```
to enable usage of CodeJock v15.2.1.0221

Install the CodeJock OCX by 'manually' register the component.
Create directory C:\CodeJock\1521 and unzip the CJ-15-2-1-0211 to this directory.
Then run Reg-CJ-1521-0221 to register the component.

You should also change:

```ini
[API PRO Open.7]
SkinResourcePath=icons/CJ1521/Office2010.cjstyles
```
or one of the other styles found in this directory

10906 Importing accounts fields for Transactions(...) tables
Type: Improvement
User got the ability to import more fields for tables:

1) table "Transactions(Invoice)"
   - credit_account_key
   - debit_account_key
   - cost_type_key
   - cost_purpose_key

2) table "Transactions(Work_supplier)"
   - credit_account_key
   - debit_account_key
   - cost_purpose_key

Fix-db is required

10917 Add view of the mo group in the work instruction for mo group browser
Type: Improvement
The button View has been added to the MO group browser called from the program
Work Instruction. A MO group is viewed.
Double click on a browser row results in viewing a MO group as well.

10918 Add work instruction name and MO group name to work inst. MO group browser
Type: Improvement
Work instruction name and MO group name have been added to the browser called from Maintenance->Work order->Work inst. button->New btn->MO list button.

10919 Access to inspection history from work order (planned)
Type: Improvement
Access to inspection history from work order (planned) is added (same like in work history)

10922 Payment days field is missing in Payment conditions import
Type: Improvement
This fix enables import of more fields for tables:
"Pay_condition":
- Current_month
- Payment_days

10926 Raw inspection activity browser
Type: Improvement
The inspection history browser has been appended with more fields in the master design, invisible by default. Ctrl-F3 has been enabled in MO key and inspection point key in the inspection activity maint.

10937 Extra info 1 to 5 in work order accumulation filter and browser
Type: Improvement
Extra information fields 1-5 have been included in the work order accumulation program and its filter.

10939 Enable the decode of custom stock control barcode for PDA Mobile Stock
Type: Improvement
Decode of custom stock control barcode is enabled for PDA Mobile Stock

10950 Import of notes takes a very long time
Type: Improvement
Import performance of notes is improved

10953 Not possible to filter on entered description for WO.
Type: Improvement
"Text" field (Description) was added to Work order browser and can be set visible for user or group design.

10956 Flags which can be switched off but not imported
Type: Improvement
Import of Users.senior-user is added.
Senior-user and FDA-enable fields are added to the Users browser.

10958 When adding fields from jobstatus in design, it uses language '?'
Type: Improvement
When adding fields from jobstatus in design, it used fields with default language '?', not the fields in current session language.

Language support for showing related information in Jobstatus table and jobstatus code fields as related field have been added

10971 CR Job Monitor should have related tables
Type: Improvement
The related tables maintenance_object, position and work_order have been included in the CR job monitor.

10986 'Add delivery headers' browser improvement
Type: Improvement
The browser 'Add delivery headers' has been improved: the check box 'Exclude if other deliveries are invoiced on the same PO'
is unmarked by default; the new check box 'Show only deliveries of the recent 12 months' has been introduced to be able to exclude delivery headers which only have transactions made earlier than 12 months ago.

10987 Delivery of multiple lines -> delivery date should be copied to all other lines
Type: Improvement
Instead of TODAY, the date of the latest transaction on the delivery is suggested for a new delivery transaction.

10988 Change of the delivery date in PO header does not affect the lines of PO
Type: Improvement
A new button to change the expected delivery if a PO is approved has been added.
When expected delivery is changed in a PO, it is asked whether to change the PO lines accordingly.

10989 Problem with positioning after making a PO
Type: Improvement
After having converted purchase accumulation to purchase order, the accumulation program should reposition to first line for same or next supplier in.

10991 Manual change of work order status does not start/stop it
Type: Improvement
A work order is now started/stopped not only by using the correspondent menu, but also when a work order status is changed
manually.

10994 Pos, MO, WO and SP browsers are appended with the 'Document' field
Type: Improvement
The browsers Position, Maintenance Object, Work Order and Spare Part have been appended with the field 'Document', which shows whether there are any documents attached.

10996 Item 26 PO KEY should be changed from non INV to INV
Type: Improvement
Function of key changing is enabled in the Purchase Ordering program.

10997 Multiple errors when setting a field mandatory with undefined value
Type: Improvement
User got the following 4 errors when trying to save a mandatory field with undefined value:
** xxx is mandatory, but has a value of ?. (275)
** Unable to update yyy Field. (142)
Unable to set attribute BUFFER-VALUE in widget of type BUFFER-FIELD. (3131)
** Unable to update yyy Field. (142)
This is changed so users get a single error:
Mandatory field 'yyy.xxx', 'label', has undefined value '?'. (275)

11004 The same user should have an option to use several PDA devices
Type: Improvement
Special option was created to allow the same user to use several PDAs.

11005 Recalc qty. requested/ordered in the Diagnostic tool menu
Type: Improvement
Recalculate qty. requested/ordered (both error list report and fix program) are included in the diagnostic tool menu.

11045 Work order accumulation improves
Type: Improvement
1) Calculation of relative and absolute delay in work order accumulation for original start date is added
2) Filter option in work order accumulation for 'original start date' - 'from' and 'to' is added
3) Column in work order accumulation for 'Original start date' is added

11047 Planned hours as registered hours should be blocked
Type: Improvement
The new maintenance configuration parameter 'Don't offer transferring planned hours to worked hours' has been introduced.

11049 WO description in job feedback by work supplier
Type: Improvement
The brief description of a work order has been included in the browser 'Job
feedback by work supplier'.

11050 Purchase internal request number should be visible in PO line
Type: Improvement
Purchase internal request information has been included in the purchase order line browser and purchase order line dialog.

11055 Auto reorder and the latest count in stock control browser implementation
Type: Improvement
Auto reorder and the latest count to stock control browser are added

11070 Added responsible fields for MO (and POS) in master design and new tab more info
Type: Improvement
The following fields has been 'added' to the main screen, main browser, import and export of Maintenance object and Position:

Prod_work_supplier_key
Maint_work_supplier_key
Plan_work_supplier_key
Appr_work_supplier_key

Tab 3 - More info has been added to the Maintenance Object screen.
Note: when user makes a new work order, the Responsible field should as default be filled with the Maintenance responsible of the object.

11075 "Document in Feedback program is history document" - option is returned back.
Type: Improvement
"Document in Feedback program is history document" - option is returned back.

11077 Doubleclick action does not work as "View"
Type: Improvement
After applying this fix, the default doubleclick action in the Purchase Internal Request per User program will be "VIEW".

11080 Allow no MO on Work order and Work history.
Type: Improvement
Now it is allowed to finish registration (tech.finish) of work orders with-out an Maintenance Object.
A new system option [ ] Allow close/finish.reg. of Work orders without a Maintenance object is implemented

11083 New fields and More info tab are added to work history design
Type: Improvement
New fields (Category_key) and More info tab are added to work history design for MAINT work_history() and BROWSE work_history()
11087 IPR header external note copy to PO header external note
Type: Improvement
The external note of internal purchase request header is now copied to a new
purchase order header (to the note 'External header') if it is made from the internal purchase request header.

11090 Related tables in job survey
Type: Improvement
1. The related tables work_order, work_history, project and work_supplier have been included to the job survey report.
2. Some field labels were not translated. Corrected.

11092 Long label named "Stock delivery"
Type: Improvement
Long label named "Stock delivery" changed from "Delivery"

11093 Guaranty work order
Type: Improvement
The new maintenance configuration parameter 'Work category to use for guarantee WO' has been introduced. When a work order is covered by guarantee, it is possible to assign the work category automatically as configured to be able to find such work orders by the work category.

11095 Cluster code field is missing in WO export
Type: Improvement
Cluster_key field is added to the work order export

11122 Setting size of print preview when program is called modal, shown as dialog
Type: Improvement
User could not set size of print preview when program was called modal, shown as dialog

This has been changed so you can set size for program in group design.
Design type apicbf program crview

11145 KPI for Work_history
Type: Improvement
KPI for work history is added to dashboard.
It calculates all work history records within last n days
JobExec_Date >= Today - offset

Tree button is also added to position and work supplier fields

11152 Dashboard - KPI definition
Type: Improvement
Editor field for define/edit 'where' statement is too small. Is now extended
from 40 by 2.9 characters to 68 by 10.9
Help to dialog is added and WINDOW-CLOSE is enabled

11160 Fix job for old cron log entries deletion
Type: Improvement

Fix job for old cron log entries deletion is implemented
Run external program:
fix-db/cleanup-cronlog.r

11180 'View regs' button is removed from calibration registrations
Type: Improvement
'View regs' button is removed from calibration registrations

Option was used to display all calibrations or control for maintenance object on the current line in program.
Since the same behaviour can be achieved by filtering data in the browser - option is removed.

11202 On technical data browsers the header line should display key in first position
Type: Improvement
On technical data browsers the header line should display key in first position.

Browser is changed so key is displayed in both 1st and 2nd column
--- TDM-HEAD ----------------------------- ---TDM
HEAD----------------------------------------

10366 Lubrication option cannot be checked after lubrication rounds import
Type: Error
Lubrication option can be checked after lubrication rounds import

10395 Warning on setting custom "Requested by" field in purchase request
Type: Error
Warning on setting custom "Requested by" field in purchase request is eliminated

10580 Navigate or browse for template work order in AII action failed
Type: Error
Navigate or browse for template work order failed
When navigating user got an error:
jobstatus# must be a quoted constant or an unabbreviated, unambiguous buffer/field reference for buffers known to query.
(7328)
When browsing user got an error:
You don't have the sufficient rights to run this procedure!
clientgui/dlg-browse.w [wo_where]
Both errors are corrected.

10586 Wrong calculation of delivered qty on agreement in PO line
Type: Error
Calculation of delivered qty on agreement in PO line - leave qty field is corrected
The total delivered qty was accumulated once for each PO line on the agreement.

Changes also have positive influence on performance.

10596 Technical data editing by pressing 'Enter' button
Type: Error
Technical data for a MO can be changed by pressing Enter and filling in the values (as in XA)

10602 Project deletion fails on Oracle
Type: Error
Fixed with A10621 - Project deletion works correctly on Oracle

10603 POS/MO keys fields behaviour in WO creation dialog is fixed.
Type: Error
POS/MO keys fields behaviour in WO creation dialog is fixed.
(When Filling MO on WO creation a dialog was initialized again with POS key only)

10604 WO&WH browser: Errors fixed.
Type: Error
W0&WH browser: an error when the same WO key could be found in both tables is fixed

10607 Possibility to perform removal on history when not allowed
Type: Error
User cannot perform removal on history when it is not allowed

10610 Trend limit with 0 value should not be taken into account
Type: Error
Previously if Trend limit was 0 user got a Trend alarm for every measuremnt.
Fixed so trend limits with 0 values are not taken into account

10613 No history work orders created for inspection transactions
Type: Error
Multiple transactions set by default in Inspection Module configuration prevented Work history record from being created for multiple Work orders

10615 Mandatory fields in IPR header dissapear for another request
Type: Error
When making a purchase request and pressing New button everything works fine.
But if you directly make another one....then some of the mandatory fields dissapear (no yellow highlightment) - it still states mandatory but you can save the request
without filling in the fields.
This is corrected

10618 Weird user interface of API login dialog
Type: Error
Scrollbars in API Login, Logout and About dialogs are fixed when using chinese locale.

10619 Filter on Job exec date doesn't work
Type: Error
Jobexec_date, Code1_key, Code2_key and Code3_key are added to work_history filter.
Code1_key, Code2_key and Code3_key are currently hidden in master design and can be enabled in group design.

10621 Deletion procedure fails
Type: Error

Fixed:
When selecting "Change to" key to move transactions from a deleted record - a set of errors happened.

10622 Error on log-off when a drawing combination is opened
Type: Error
An error on log-off when a drawing combination is opened from any maint is corrected

10624 Missing options in spare part searching
Type: Error
When Advanced SP searching is enabled user is presented the same search options as on P&S from SP maint

10627 Spares per Tech. Id. program permissions
Type: Error
Spares per Tech. Id. program permissions are restored.

10632 Barcode print from Delivery Registration
Type: Error
If a purchase order has lines with the same spare part, the number of copies chosen for printing was used incorrectly and the barcode print resulted in the incorrect list of barcodes.

10637 Labels in active directory configuration are truncated
Type: Error
Size for some toggle-box labels in Basic module config for active directory is changed from 40 to 60 characters

10639 Error after 'configuration details' dump
Type: Error
Error after 'configuration details' dump in apicbf.

** No ttRC record is available. (91)

10640 Crystal Reports with direct access - error on MSS when printing for the 2nd time
Type: Error
Crystal Reports with direct access - error on MSS when printing for the 2nd time is corrected

10642 No translations in WOWH browser column labels
Type: Error
WOWH browser column labels are translatable now

10643 Budget report 'All' printout: Other services cost is missing
Type: Error
Project budget figures have been added to the project budget report.

10651 Running on old license without Light users should result in a single-user system
Type: Error
When running on an old license without Light users system becomes single-user.

10654 No Refill counter in PDA Inspection
Type: Error
Fixed:
In the inspection round; if an inspection point is linked to a counter and it is a counter of a filling; the counter option was not visible in the pda during registration.

10662 In history menu-items: & char is displayed as &&
Type: Error
History menu-items correction: & char is not displayed as &&

10670 Inspection tree filter
Type: Error
An error about the unavailability of an inspection header record, which occurred when the inspection activity filter was called just after starting inspection explorer, has been corrected.

10671 Missing menu items
Type: Error
Items for new Open.7 SP03 menu items were missing in menutrns.txt:
- Raw transactions;
- Work orders & Work history.

10672 Quick filter was enabled for fields in related tables
Type: Error
Browse programs don't support quick filter on fields in related tables.
(SP_Name_2 from spare part)
Quick filter only works for fields in main table. (Stock_control)

When design includes fields from related tables, then quick filter for these fields is now disabled so they are not shown in browser’s quick filter.

10673 New Design version control breaks User design in some cases.
Type: Error
New Design version control caused User design to crash in some cases (when in SP02 there is only UD and not GD then it was not merged with new MD).

10674 RUB menu items are missing
Type: Error
Second lines of smart icon have been turned back after having been lost during export/import.

10676 Wrong transaction type name for "Stock removal" and "Stock return".
Type: Error
Wrong transaction type name for "Stock removal" and "Stock return" in Raw transactions are fixed.

10683 Cost type name is missing in the crystal reports printout
Type: Error
Cost type name is added to the crystal reports printout

10687 Debit account key in transaction is rewritten when work order is finished
Type: Error
Fixed: If Debit_account_key in transaction is not the same as Account_key in Work order then it can be overwritten from Work order when job registration is finished.

10688 Basic Kernel handles management is fixed
Type: Error
When running translated and with direct database connection programs - a set of errors could occur

10690 After the adjustment the purchase price is $0
Type: Error
Differences between mouse and keyboard events when saving a record is corrected

10693 SP autokey in import
Type: Error
SP key was not auto-generated based on the basic configuration parameters. It
has been corrected, so when importing spare parts, SP key is autogenerated as set in the parameters SP key prefix and number digits.

10696 Incorrect sorting of resources on work order feedback
Type: Error
Incorrect sorting of resources on work order feedback is fixed

10697 +-- days on date filter is not working in WOWH
Type: Error
Planned start date offset is applied to Work_history filter.

10698 Stock transactions programs cannot operate "not TODAY" dates
Type: Error
Stock transactions programs could not operate "not TODAY" dates

10699 Inspection accumulation filtering is too slow
Type: Error
Searching speed is increased in Inspection accumulation.

10700 A problem when scanning a non-existant item
Type: Error
Stock taking logic is corrected. There was a problem when scanning a non-existant item

10701 Audit log is not initialized- all enties are shown
Type: Error
Making design for API Audit browse (Change log data) does not give errors any more.

10702 BRL - language name is missing
Type: Error
Brazilian Portuguese was shown everywhere just as BRL, including the places where the language name was needed, but not just the language code. The language name has been added.

10703 Export of transactions cannot be added to the previous export
Type: Error
Export is corrected to handle the case when NO-DO option is unchecked.

10704 Auto-numbering of spare parts during import fails
Type: Error
Auto-numbering of spare parts during import is corrected

10705 Maintenance config always displays 'Date for worksupp' as the 'Last planned date
Type: Error
Fixed:
Maintenance config always displayed 'Date for worksupp' as the 'Last planned date' despite the actual setting.

10708 MO key autogeneration: manually entered key should be overwritten
Type: Error
Related to A10650.
In A10650, MO key auto-generation was introduced. If the auto-generation is on and a MO key is entered manually, it should have been and now is overwritten by an auto-generated key.

10711 Users can't delete Inspection template round
Type: Error
Possibility to delete the Inspection round template records is added.

10712 Job registration is not possible - wrong job type
Type: Error
In Job feedback by work order if Job type is not visible then Work order can be created now.

10714 Two clicks are needed in financial transaction report to change the view
Type: Error
Two clicks were needed in financial transaction report to change the view (to "normal" or "detailed")

10715 Inspection activities import
Type: Error
Inspection_rounds.Inspection_type field is added to the import

10716 User cannot change the trans.date from TODAY on stock removal
Type: Error
User couldn't change the trans.date from TODAY on stock removal - when leaving a field the value was reset to TODAY.

10719 Group Design browser program <Delete> option
Type: Error
Group Design browser program <Delete> Option is fixed.

10721 Incorrect labels of contact person information in CR jobcard
Type: Error
The labels of contact person information fields have been corrected.

10724 Error "** Incompatible data types in expression or assignment. (223)".
Type: Error
An error "** Incompatible data types in expression or assignment. (223)" in the
Invoice registration program is fixed.

10726 Repair item replacement problem
Type: Error
Fixed: Repair item removal to stock with no related Stock Control was blocked.

10727 Statistics tree stucture problem
Type: Error
Statistics tree structure program displays the history by "Number of stops" option in a correct way

10733 Error in license program when running not in English
Type: Error
The following error in the license program when running not in English occurred:
** Input value: Ja should be Ja/Nej. (87)
**Unable to set attribute SCREEN-VALUE for FILL-IN lNamedLicense. (4078)
It was missing 'TRIM' so displayed only 'Ja'

10754 When having customization for a program, the transaction scope is not correct
Type: Error
When having customization for a program, the transaction scope was not correct
If you got an error in customization only the customized part of transaction was undone, while the standard part was still being committed.

10757 Both Invoice & Delivery transactions programs use delivery permission
Type: Error
Both Invoice & Delivery transactions programs used delivery permission - corrected

10758 Button design settings are overriden after fix-db
Type: Error
If Button/Menu-item set is hidden in design then after fix-db/fix-db.r it remains unchanged.

10759 Problem with sp_name filter in sp_supplier_combination design
Type: Error
Problem with sp_name filter in sp_supplier_combination design is corrected:
In spares for supplier, the sp_name field for supplier was made as a calculation, this is changed to standard fields in table 2.
Quick filter doesn't support filters in table2, so for sp_name and sp_name_2 it is disabled.
Also a problem where design related settings were hard-coded in logic file is solved.
NOTE: Requires SP3 to be applied
10760 job accumulation cannot be forced to stop refreshing
Type: Error
Job accumulation selection after Refresh is corrected

10761 Permissions problems in TD_MO_combination after export
Type: Error
Permissions problems in TD_MO_combination after export are resolved.

10762 Inspection templates are not copied.
Type: Error
Inspection templates were not copied and activities were not created for Inspection round types.

10763 "Start WO" and "Stop WO" buttons are missing in system design
Type: Error
"Start WO" and "Stop WO" buttons are added to system design of "Work order accumulation" program

10766 No ability to load designs on MS SQL
Type: Error
Corrected: Connection to MS SQL interrupts after loading design
T_Maintenance_object_tree().xml

10768 Quick filter in work history causes system crash
Type: Error
Now it is possible in the browsers to filter and sort by CLOB-fields in Oracle DB.

10772 Error message using repair items
Type: Error
When using repair items program users got an error "Field 3 of table RI2tree not in buffer. (4176)". Corrected

10774 Wrong default filter when Inspection Accumulation is called from Job card.
Type: Error
When printing Job card: if WO has a Round key and it is Root for other Rounds then Inspection Accumulation opened like a tree structure under the Round specified in WO.

10775 Warning when finishing work order with work supplier linked to work instruction
Type: Error
The behaviour is changed so resources which are planned via work instruction and belong to work order are not copied to a new instance. They are recreated again via the work instruction.
10778 CR log card: field labels are not translated
Type: Error
CR log card: field labels in the list of fields changed were not translated. The
data-generation program has been corrected, so
the labels are shown in the current language.

10781 WO in subtype "" is not saved when Job type is hidden via design.
Type: Error
WO in subtype "" was not saved when Job type was hidden via design.
If Job type is not visible in WO, then Work order can be created.

10782 Some fields are missing in browsers designs
Type: Error
Manufacturer key field has been added to browser's designs for Counter,
Maintenance object, Technical Id, also Filtering can
be enabled.

10783 Export crashed if "only for text" option was checked
Type: Error
Export crashed if "only for text" option was checked. Formatted CSV export is corrected

10786 No ability to add jobstatus# to work history design
Type: Error
User could not add jobstatus# to Work history program. It always displayed as
default value (3)
Master design is changed, so jobstatus# is available as hidden field (this can
be changed)
Font setting for jobstatus# is removed

10791 Unable to set PDA for the named user license
Type: Error
Now it is possible to set PDA user for the named user license.

10793 Wrong behavior of PO line import with WO key
Type: Error
Import logic of WO_key field with RELATE option is corrected

10794 Job Card Is Not Printed
Type: Error
Job Card was Not Printed from Job monitor when <Job card per worksupplier> was
checked in Maintenance configuration

10795 Jobstatus browser was not read only when 'Read-Only browsers' option was enabled
Type: Error
Jobstatus browser was not read only when a global 'Read-Only browsers' option
was enabled

10799 Useless menu Import to MS Project in Job monitor
**Type:** Error
Export to MS Project menu items in Job monitor is removed

10800 Format errors in the Internal purchase request header
**Type:** Error
Format errors in the Internal purchase request header
* Value 99999999 cannot be displayed using ->>,>>9.99. (74)
are corrected so the field is formatted as the other numeric fields

10801 When tech finishing a WO, user's entered execution date is overwritten
**Type:** Error
When tech finishing a WO, user's entered execution date was overwritten. This
is fixed never to change execution date if the field already has a value.

10803 A browser for changing the supplier shows ALL spares
**Type:** Error
A browser for changing the supplier showed ALL spares instead of those which
belong to the specific supplier

10804 Changing instruction in history leads to instruction KEY in wo_name
**Type:** Error
Changing instruction in history has lead to the instruction key in wo_name

10806 Web portal and Priority
**Type:** Error
Priority field data display in My Job requests browse in Web job module is
fixed
Also for browsers and maints for Work order you must specify Priority field as
“Priority” but not as “Priority_key”.

10807 Named user license problem
**Type:** Error
Multiple named user license problems:
When changing Full user to Light user (or visa versa) user was counted as both
full and light user license for 3 months.
This is corrected so license will only count in the active user type pool.
(Run fix-db/nameduserfix.p to correct for existing system)

For light user, program didn't display the named user status correctly.
This could result in that the user was part of license quarantine if another his
setting was changed.

**NOTE:**
When working with named user, make sure you don't assign a user named user
license unless you want to use it!
When removing the license it takes 3 months before another user can use this
license!

10809 CREATE option is not working in the SP import
Type: Error
Import of spare part is corrected if auto-numbering is not used

10810 Filter on site key in approval monitor doesn't work
Type: Error
Program (browse)approval_monitor[1]: Site key filter showed wrong results, hiding important searching data results.

10813 Wrong Spare_parts.Profit values display
Type: Error
This fix improves validation of spare part Profit values. Now you can set only correct values from 0% to 99%.

10814 CREATE option is not working in the MO import
Type: Error
Import of maintenance object is corrected in case unused auto-numbering

10817 Job accumulation: WS change doesn't work in some cases.
Type: Error
Job accumulation: WS change didn't work in some cases. This fix solves this problem in the following way:
1) Users will have no ability to change work supplier by the current specified work supplier.
2) The current work supplier will be deleted from Point&Shoot browse list.
3) Menu item "Change work supplier" will be disabled for work orders with more than one work suppliers. Users must use manual editing with "Work resources for job" function.
4) Current work supplier key is added to dialog box "Change work supplier ...

10818 Missing label on pda device id
Type: Error
Missing label on PDA device ID is added

10822 Services are not found by <Acc.Ress> button
Type: Error
Fixed: Services which are created in purchase internal request are not shown as <Service> in work order and can not be found by <Acc.Ress> button in Work order accumulation program.

10824 Stock transactions - SP is not selected via P&S
Type: Error
Stock removal function is fixed to give users ability to choose spare part key by Point&Shoot.
10825 Unable to set blank password if password is not mandatory but min.length > 0
Type: Error
Fixed: Unable to set a blank password if it is not mandatory but min.length > 0

10829 When adding main instruction with interval to work order it is set inactive
Type: Error
When adding main instruction with interval to work order it was set inactive. This is changed so the main instruction for work order is always set active regardless of the current interval setting!

10833 Work load program didn't use lReplanOnReplanHours option
Type: Error
Work load program didn't use lReplanOnReplanHours option
This parameter was used to assign planned hours on work resource for the next instance of work order, but was not used in work load calculations.
Year plan had some calculations that were not used and calculated wrong, so function has been disabled

10840 Stock transactions by SP - spare part browsing logic
Type: Error
Stock transactions by SP - SP browsing logic is fixed

10842 Wrong navigation after clearing the screen
Type: Error
Wrong navigation after clearing the screen is corrected

10845 Error after field navigation/leave when work_note restriction is set
Type: Error
Fixed: "BUFFER-FIELD Interval_count was not found in buffer WN_MO_group_combination. (7351)" error after navigate and leave when work_note restriction is set.

10849 WO Accumulation error on multiple orders selection
Type: Error
This fix corrects the error in Work Order Accumulation, when users selects multiple orders.

10853 Actual related account key is not printed on MO_card
Type: Error
If Account key in Maintenance object is blank, the account of parent Position is printed on the Mo_card (if such exists)

10855 Buffer error with installed FIX120218-10788 for API running with AppServer
Type: Error
"Buffer not available" error with installed FIX120218-10788 for API running with AppServer is corrected

10857 Work order copying leads to due date change for its work instructions
Type: Error
Work order copying keeps the due date unchanged for its work instructions.

10867 Error messages when creating/changing Site-Enabled Inspection code record
Type: Error
Errors when creating/changing Site-Enabled Inspection code record are corrected.
Fix-db is required.

10872 Denied access to the imported Technical data combination
Type: Error
TDM_combination import rights logic is corrected.

10885 Error codes fields cannot be moved to page 1
Type: Error
In work order program the error codes fields could not be moved to page 1.
This was because program used positions on page 2 to calculate position on screen.
This has been changed to use the current position.

10892 Job feedback by work order: Hour rates and Total value calculation
Type: Error
In Job feedback by work order Total value of used hours by Work supplier can be edited and it always used selected Hour rate.

10896 Online workload calculation exception on top of a shift
Type: Error
Calculation of online work load when adding an exception on a day with a shift starting same day and ending next day was faulty.
The work load for the days 'covered' by the exception (start and end) was calculated correctly.
Work hours for the shift which continued into the next day (after exception end date) was added in a wrong way (accumulated) to the already calculated (and stored in online work load table) work load for this day. Which resulted into many available hours for this day.

10901 "Profit must be set from 0% to 100%" appears on each stock removal
Type: Error
This fix prevents errors during stock removal, when the next message appears:
"Profit must be set from 0% to 100%"

10902 Inspection point overrides the point name
**Type: Error**

"Point name" field was empty when editing Inspection activity in Inspection round setup program.

"Point name" column had the same value for different Maint.objects and Inspection points with same keys but different names in "Inspection accumulation", "Inspection round setup" and "Inspection header tree" programs.

10907 When changing WI on inspection activity, the eventual description is not updated

**Type: Error**

When changing WI on inspection activity, the eventual description was not updated.

Now, if Description was not changed manually (the original filled-in when pointing Instruction key) - system will replace old description with the one from according new Instruction key.

10908 MO import rejects records with the defined POS key

**Type: Error**

Maintenace object import is extended with special options.

10910 Assigning a not existing MO on work orders results in error

**Type: Error**

Assigning a not existing MO on work orders resulted in error

'** WO_Maintenance_object record not on file. (138)' 
'** WO_Position record not on file. (138)'

10913 Error in import of planned external work suppliers

**Type: Error**

Import of Planned_worksupp is corrected

10914 Purchase invoice line registration error "The cost type cannot be changed ..."

**Type: Error**

Direct invoice registration could not be saved because of the error "The cost type cannot be changed because the PO line has transactions with a different cost type than the replaced one".

10923 Supplier key and Name are not registered during the Transactions (WS) import

**Type: Error**

Transactions(Work_supplier) import is corrected: a work supplier's supplier key is imported to transactions.supplier_key, work supplier name is imported to transactions.sp_name.

10924 Import of program translations

**Type: Error**

The program fix-db was configured not to update translation for records that already exist.

The program fix-db was configured not to keep translation for customized
programs after import.

10925 Cron job doesn't release memory while running and crashes
Type: Error
Cron job didn't release memory while running and crashed

10927 Graphical navigator: impossible to add more pictures due to system crash
Type: Error
Graphical navigator: it was impossible to add more pictures due to system crash

10929 License import program cannot import more PDA/WEB users than total users
Type: Error
License import program could not import more PDA or WEB users than total users

NOTICE FOR NAMED USER LICENSE: You need a full named user license to enable usage of PDA or WEB

10930 Stock transaction barcode - after keyboard operation focus is kept in field
Type: Error
Stock transaction barcode - after keyboard operation focus was kept in field (corrected)

10931 Delivery registration error
Type: Error
Error on empty cost type in purchase order line when cost type is filled on delivery is fixed

10935 AD integration is extended with the AD email usage.
Type: Error
AD integration is extended with the AD email usage.

10942 WO_key cannot be scanned anymore
Type: Error
Users could not use 'barcode scanner pens' attached directly to PC to find records.

This has been changed so 'TAB' (leave event on field) will find equal entered information and display it. Otherwise screen information will be cleared.
This also means if the key of record is known, user can just enter it and program will find data on leave of field. (no need to press PgDn)

10947 Combo-Box fits 200 characters only
Type: Error
Now combo-box fill-ins fits list-items value with 1000 characters maximum. (There was 200 before)

10948 Project tree: error in subscribe procedure when a WO is added to a
project plan
Type: Error
When the project tree is opened and the tree cursor is placed on a WO of a project, adding another WO to the project in the browser showing WOs of the project is followed by the automatical update of the tree, so the WO just attached to the project is shown there. The error occurring on the update of the tree has been corrected.

10949 Import is skipping data files
Type: Error
Usage of "Rename datafile after import" option is corrected

10952 Invoice_no in transactions browser
Type: Error
A supplier's invoice number is not shown in the browser of transactions of a PO line.

10954 "Do you want to continue getting data?" inconsistent behavior
Type: Error
When using navigation in browser you got a question 'Do you want to continue getting data?' after a number of Page-Up/Page-Down. This is corrected so the number of sent batches is reset to 0 after each manual navigation in browser.

10955 Zero unit price is replaced by the price from spare part record
Type: Error
A special option for Transactions(Spares) import is added in order to enable import of zero prices.

10959 Wrong permission rights for SP_TI_combination import
Type: Error
Permissions for SP_TI_combination import are corrected

10962 Graphical Navigator – Double clicking shuts down this window instead of viewing
Type: Error
"Select" button was removed in the work_order browse program when it opened from "Graphical navigator". Default action was changed on "View".

10963 Web portal Job code value is not saved in Web form
Type: Error
Web portal Job code value is now saved in Web form

10968 Job Monitor printout: the report appears behind
Type: Error
Fixed: When printing from Job Monitor the report appeared behind the Job
Monitor.

10973 Adding Job code key field support to Web portal WO list
Type: Error
Job code field can be added on WO creation and WO view but not possible to add to WO list.

10974 ordered quantity cannot be updated from <> 0 to 0
Type: Error
Stock_control.Quantity_ordered import is corrected (ordered quantity can be updated from <> 0 to 0)

10976 Add related option disabled for some fields in SysDesign maint.
Type: Error
fixed: Add related option was disabled for some fields in SysDesign maint.

10977 The field "ordered by" is empty when copying an internal purchase request
Type: Error
Fixed: Field "Ordered by" was always empty when copying Purchase internal request.

10978 Dummy PO is not created when direct invoicing
Type: Error
A dummy PO was not created when a direct invoice was made.

10980 Infinite loop in Job registration by work order program
Type: Error
Infinite loop in Job registration by work order program when opening WO from job registration and rejecting approval is fixed

10981 Related WOs are not shown in the browser after adding via template
Type: Error
Fixed: Related WOs were not shown in the browser after adding via template

10982 Documents which belong to another user's site can still be opened
Type: Error
Documents which belong to another user's site can still be opened. So the user could open/see them.
A10871: Issue is resolved there.

10998 Error in import of planned external work suppliers
Type: Error
Import of Planned_worksupp is corrected

10999 Inspection header highlightment with counter based headers.
Type: Error
If Inspection header has counter due rounds then it was not highlighted red.

11000 Filters for search in MO tree and MO interval are mixed.
Type: Error
Filters for search in MO tree and MO interval were mixed.
Was a combination of search in tree and >= 'tree value'.

11001 Work orders with cluster code are not started
Type: Error
If a WO with a cluster code is started, it was not asked whether to start other WOs with the same cluster code.
When a WO's start date is changed in Planning Window and the WO has a cluster, it was not asked whether to delay other WOs in the cluster.

11002 Inactivity time for user cannot be less than 300s
Type: Error
Minimum value check is added for "Inactive time" field.

11008 Replaced work instruction on counter based WO
Type: Error
Activation and rescheduling logic for Work instructions Work order combinations fixed and improved. It became more robust and predictable.

11013 Import of AGR_SP combination data
Type: Error
Import of AGR_SP_combination data is corrected

11015 SP number which starts from a character cannot be positioned in the browser
Type: Error
Fixed: SP number which started from a character could not be repositioned in the browser

11017 Cost in program Work order
Type: Error
After A09755, the calculation of project budget figures is changed. The same procedure is used to calculate cost for a WO and now they are incorrect (cost of purchased spares, services etc is not included). The procedure of the calculation has been changed, so the figures are calculated dependent on where is is called - if from work order/history programs, then all is calculated without the separation between internal costs (without a purchase order) and external costs (with a purchase order); if from project budget, then internal costs (without a PO) and external costs (with a PO) are calculated and shown separately.
11021 Field on the screen is not formatted correctly
Type: Error
Purchase accumulation: fields Supplier SP number and Supplier SP name were limited with 8 characters.
Fields' format is extended to 30 and 80 characters

11026 Wrong message is triggered by "MO list" button in Job ordering program
Type: Error
Wrong message was triggered by "MO list" button in Job ordering program

11027 "Please enter valid work supplier" error in Supplier - Exception
Type: Error
"Please enter valid work supplier" error occurred in Supplier - Exception program after the latest changes (A10983)

11030 Different priority for the same WO in Job request portal
Type: Error
An example: Default priority is "3". Customer created wo's and changed priority to "2" (In Open.7). This lead to the situation that in "my job requests" priority was "2", but when they opened the work order in the job request portal there's still "3" shown as priority. Corrected

11032 Purchase accumulation: line changes are lost on reject
Type: Error
Report was refreshed completely and all changes in lines were lost after rejecting another line. (corrected)

11033 Purchase handling needs to be reopened in the list of purchase needs.
Type: Error
Wrong behavior in purchase accumulation is fixed - purchase handling is reopened in the list of purchase needs after editing another line.

11035 Wrong field labels in financial transaction report
Type: Error
In the financial transaction report, the labels of the fields are confusing:
- invoice_key 'Invoice number'
- invoice_no 'Invoice number'
- invoice_sales_key 'Invoice key'
They labels of the two fields have been changed to avoid misunderstanding:
- invoice_key 'Invoice key'
- invoice_no 'Invoice number'
- invoice_sales_key 'Customer invoice key'.

11037 PM WO template cannot be created when system configuration is used for a site
Type: Error
When a MO has a site and a PM WO template was created with this MO, the PM WO template could not be created if the site had 'Use system configuration' in the field 'PM work order template' (see the program 'Site', the tab 'Numbering').

11038 CR purchase enquiry does not include contact info if user name in 'Enquiry by'
Type: Error
Contact person's phone, email etc. was not available in the purchase enquiry report if a user name was used in the field 'Enquiry by' of a purchase enquiry. If a user ID was in 'Enquiry by', the contact information was available.

11040 Payment contact on Supplier does not show correct contact data
Type: Error
Program: (maint) supplier (SYSTEM)
There was an error with display of data of Contact person
In program "Supplier" Payment contact data is now displayed correctly

11041 Job survey window and printout shows different colours.
Type: Error
Colours of jobs in the job survey and its printout are not shown in the same way if the field 'Job status' is IPG, but the check box 'In progress' is not marked. Now the colour is the same in the printout as in the job survey (green).

11042 Sorting error in Job Request portal
Type: Error
Sorting was not possible for all *date-tz fields.

11043 WO/work instruction comb for WOs with POS - unexpected behavior
Type: Error
Logic correction of "work instruction restriction" parameter.

11053 Change key of site
Type: Error
The problem of the already existent record in API_parameter when a site is deleted and a site to change to in related tables is specified has been solved.

11054 No ability to change work supplier on transaction
Type: Error
"No debit account entered, please initialize default accounts" error is corrected when changing work supplier on transaction manually.

11056 Suppliers SP name and SP key are missing in PO_Line
Type: Error
Suppliers sp name and Suppliers sp no. were missing in case a PO_Line has been
created from an enquiry.

11057 Internal purchase request information in WS PO line
Type: Error
In A11050, internal purchase request fields were included in subtypes PO line dialogs for a spare part, a work supplier and service. These fields are not sensible in the WS PO line because internal a purchase request cannot be created for a work supplier.

11059 Design of import/export select dialog window is damaged
Type: Error
Design of import/export select dialog window is corrected

11060 Messagebox for calendar
Type: Error
Message "**RECTANGLE rect1 does not fit in parent DIALOG-BOX Dlg (6491)" is fixed.

11061 Diagnostics report
Type: Error
The diagnostics reports 'Check on quantity on purchase order' and 'On-line statistics on spares' had truncated values of spare part key, spare name and stock key. The format has been corrected.

11063 Work supplier record disappears in WO registration
Type: Error
Work supplier record disappeared in WO registration if work order debit account is expired.

11065 MO key is not transferred to PO line when made from enquiry made from IPR
Type: Error
MO key, project key and manufacturer key were transferred only when a PO line was made directly from an IPR. Now, these fields are also transferred if a PO line is made from an enquiry line made from an IPR.

11066 Minor layout fix in the User Permissions program
Type: Error
Minor layout corrections in the User Permissions program

11067 Column labels are not translated in browser Raw Transactions
Type: Error
Column labels are now translated in browser Raw Transactions

11068 Expected delivery date on a new PO
Type: Error
Related to A10998.
When a new PO was created and the expected delivery date is filled in, on save, there was a question whether to change the expected delivery on relevant lines, which was wrong because a new PO cannot have any lines. Whatever the answer was, if another PO was created after this, it had an auto-key with the numeric part which was +2, but not +1 to the previous sequence number.

11071 No ability to import measurement values 1 and 2
Type: Error
Import of Inspection_history measurements is corrected

11073 It is not possible to add PO_line notes in Import tool
Type: Error
Import of purchase order lines is corrected

11078 Fix program for unique sequence.
Type: Error
This program will check for the highest used next_unique_key (sequence) found in the tables where this is used to assign a unique sequence to the record.

If max/highest sequence number used is higher that the actual value in next_unique_sequence then the next_unique_sequence will be adjusted to 'max' used sequence number + sequences used during run of this procedure and + 10 to accommodate for the short interval before new value is stored. The extra 10 is to make sure that we have assigned a higher value (as system could be used during check false).

11082 Min and Max start dates values processing of clustered WOs is fixed in WO Accum
Type: Error
* Min and Max start dates values processing of clustered WOs is fixed in WO Accum
* Clearing of secondary information (according to the other field value) is fixed in the WO program.

11084 It was not possible in some cases to make delivery return
Type: Error
It was not possible to make a delivery return when the delivery was automatically created on direct invoice registration. This has been fixed.

11088 Job survey printout shows some WH as not finished
Type: Error
If Job Survey is called from the Project program, all history work orders are shown blue (finished). In the Crystal Reports printout, a history work order’s colour is dependent on its job status. The report has been corrected, so history work orders are
shown blue as well regardless of their job statuses.

11094 PM Year. Filter options and report support doesn't match. Single instance WO.
Type: Error
PM Year. Filter options and report support didn't match/correspond. Single instance WO was't included in print out - was found in the browser. Also corrected wrong week alignment of work orders on Sunday - were included in next week (coming) instead of the current week.

11096 Open Create Dialog option is disabled when no data found
Type: Error
'Open Creation Dialog' option was disabled when no data was found.

11097 'No record is available' error in PO line program
Type: Error
The leave logic of the spare part key field checks data from the buffer. If there is no buffer available, an error occurred. A check of the buffer availability has been included.

11102 "History" option does not work as expected for Stock Transactions programs.
Type: Error
Fixed: "History" option did not work as expected for Stock Transactions programs.

11103 Some work orders cannot be technically finished from work order accumulation
Type: Error
Fixed: CMU work orders with the 'Stopped' flag switched on could not be technically finished from Work order accumulation program with error ** "CalcStopWait" was not found. (293). The error has been fixed and technical finishing is possible for such work orders.

11104 Any user could create or modify user
Type: Error
Any user could create or modify users in API PRO when called from program with userID field.

By mistake permission for data maintenance program was changed to data browser program. This is corrected so you will again get the following error when running as user different from SUPERVISOR: "You don't have the sufficient rights to run this procedure!"

11105 Stock control data is not created on delivery
Type: Error
On delivery registration, when a stock key without belonging spare part is specified, it should have been asked whether to create a new stock control data record.
11106 Any user can import user data
Type: Error
Any user could import user information.
This is changed so only supervisor can import user information.

11108 Missing project tree button in work order program
Type: Error
Project tree button in work order program has been added

11109 Next work order instance is missing note type
Type: Error

After work order is finished the next instance of work order is missing some of the note types

This is corrected in the following way:
All note types are transferred to work order history.

The following notes types were copied to next work order instance:
* Plan note (1)
* Int. customer note (4)
* Ext. customer note (5)

The following note types were not copied to next instance:
* History note (2)
* Rejection note (3)
* Web request note (6)

11110 Import of work supplier hours updated to work instructions fails
Type: Error
Import of work supplier hours updated to work instructions failed

For all work instructions in use on work order user got: "Update planned spare part details on all active work orders?"
Answer to the question has been added to import configuration - special options.

11111 Wrong height of editor fields after design if using inner-lines in master design
Type: Error
Wrong height of editor fields after design if using inner-lines in master design.
This is changed so inner-lines are set to 0 when saving user design.
This ensures that the current size of editor will be used on next load of program in users design, so the current height will be used

11113 Problem with print jobcard per work supplier
Type: Error
Problem with print jobcard per work supplier is fixed
When jobcard is printed for the first time - print status on work suppliers was not updated
11114 Jobcard printed status per work supplier was not cleared to next instance of WO
Type: Error
Jobcard printed status per work supplier was not cleared to next instance of WO

11116 Select of contact for supplier doesn't work in purchase program
Type: Error
Select of contact for supplier didn't work in purchase program (did not display)

11117 "Change work supplier" for a bunch of Work Orders is not possible
Type: Error
"Change work supplier" for a bunch of Work Orders is now possible.

11118 Error handling for CodeJock Tree components (selectindex option) difference
Type: Error
Error handling for the CodeJock Tree components option SelectedItem differs from the MS tree. It has been corrected to eliminate error messages when the CodeJock Tree is used.

11119 Description of inspection is truncated
Type: Error
Description of inspection is extended to 80 symbols

11120 Planned WS program bugs
Type: Error
Planned WS program multiple update bugs are fixed

11121 Import: counter reading incremental value is rounded to 0 digits
Type: Error
After this fix, program will work as following:
1) If INCREMENTAL option is CHECKED - counter readings with decimal values will be imported correctly without rounding to 0 digits.
2) If INCREMENTAL option is UNCHECKED - works as before without changes.

11126 In design program the master design descriptions / notes were not displayed
Type: Error
In design program the master design descriptions / notes were not displayed

11128 Screen design at feed-back of hours
Type: Error
Job feedback by work supplier: when the cost type key or debit account key field are set invisible in a screen design, this led to an error on save because they are mandatory and the assigning default valus
failed for the invisible fields.

**11129 Wrong values in WO dialog**
**Type: Error**
When running the creation dialog for the first time, the MO key field is filled in, afterwards it gets lost and only the MO's position key is shown. This is corrected.

**11130 Supplier in lower case iso capitals**
**Type: Error**
It was possible to save a record with a non-existent supplier key in the purchase accumulation.

**11131 Cost type key is not assigned when SP key is entered manually**
**Type: Error**
If a spare part is attached to a WO in WO feedback by work order and spare part key is typed manually, cost type key is not assigned automatically. This has been corrected, so cost type key is filled in automatically like it is done when a spare part key is chosen via P&S or record navigation.

**11135 Export uses import permission rights**
**Type: Error**
Export program is corrected to use export permission rights instead of import rights

**11136 Problem with changing global supplier**
**Type: Error**
When changing global supplier - no message or error occurred.

Program is changed to show the error.
Program changed so only spares causing problem are not updated.
Status changed to display
* Total records
* Updated records
* Not updated with error

Handling of locked records is improved

**11137 Possibility to delete spare supplier combination with related data**
**Type: Error**
It was possible to delete spare supplier combination with related data.

Added check for following related data:
* Spare part (main supplier)
* Transactions
* Internal purchase request
* Purchase order lines
* Agreements
* Tools
* Maintenance object
* Technical ID
11138 Error on Work Order update  
Type: Error  
Some work orders could not be updated on Oracle database.

11139 Users can't assign SKIP_BLANK import option  
Type: Error  
SKIP_BLANK import option validation is corrected.

11140 Spare part sales price is not calculated  
Type: Error  
In spare part program, when changing purchase price or profit the sales price was not calculated

Program will now calculate sales price based on purchase price and profit rate if purchase price or profit rate is changed.  
Program will calculate purchase price if user edits sales price.

11141 Text of work instructions is not copied to template or inspection description  
Type: Error  
When changing WI on inspection activity template, the eventual description was not updated.

11144 Missing folder button on export to XML  
Type: Error  
'Open folder' button is added next to file name on export to XML selection dialog, so you can use OS system-dialog to choose file and directory to export to.

11150 Problem with new Site record creation on SQL  
Type: Error  
'Please enter a valid site key' error on new Site creation is fixed for SQL database.

11153 Graphical navigator: check for editing by other user  
Type: Error  
When multiple users edited the same graphical navigator definition, initial changes was overwritten without errors.  
A check if definition has been edited by other user has been added (if it has your initial changes will not be saved)

"Other user has changed data you are editing, your changes will be lost!"

Size of X-Y browser in Graphical navigator is extended

11154 Special local characters don't transfer to cradle based inspection program  
Type: Error  
XML generation is redesigned in cradle based mobile inspection program
11155 Tree structure - filter search does not work
Type: Error
Fixed: When filtering records on MO tree searching did not work. The result was empty.

11157 Saving user and password in schema file
Type: Error
Saving user and password in schema file is corrected.

11158 Records navigation problem starting with ' ' (space)
Type: Error
Records navigation problem starting with ' ' (space) is corrected (previously you had to press PgDn or PgUp twice)

11159 View of inspections is delayed from dashboard and causes problems.
Type: Error
Fixed: View of inspections was delayed from dashboard and caused problems.

11168 Unable to return goods
Type: Error
Fixed: Delivery return is not possible when Invoice key is not numeric.

11171 Stock transactions used wrong account
Type: Error
Stock transactions used wrong account when there was a defined account on stock control data.
Now stock removal transactions uses the account from stock control for credit account on transaction (As it was documented in manual)

11172 Project key is not fillied in when creating a new WO from Project job survey
Type: Error
Project key was not fillied in when creating a new WO from Project job survey

11173 Guarantee cost type in Job feedback by WO
Type: Error
Related to A11093
1) Assigning a category key in job feedback by WO led to errors.
2) When a WO is created and saved, the guarantee expiry date should be and is now compared to work_order.start_date (planned start date), not to today.
3) If a new instance of a work order is made of a guarantee work order, it should have been and now checked whether the start date of the new instance is within the guarantee period.

11174 When adding an existing WO to a Project - status is not set
Type: Error
When adding an existing WO to a Project - status was not set

This is corrected so the work order information for added work order is saved on project_plan record.

Start_date
End_date
Reg_date
Jobcard_date
Project_status

It was also possible to set dates in add program. This has been disabled, since the work order dates can not be edited here

11178 Compile errors for programs in translation database
Type: Error
A small tool is made to run through translation data-base and check if all programs exist.
For programs that don't exist there are new lines to delete program that will be executed on next run of load translation.

RUN translat/runload.p (INPUT ".//xcode/apitrans":U,
INPUT "fix-db/txt7004.txt":U,
INPUT "txt7004.log":U,
INPUT "txt7004.err":U,
INPUT TRUE).

11179 User is unable to leave spare part name field
Type: Error
User was unable to leave spare part name field without entering data
Check for entered data is moved from leave event to save event.

11181 Calibration setup - error on moving activity up/down
Type: Error
Calibration setup - error on moving activity up/down is fixed
(** Calibration measurement already exists with Type "C" Maint.Object key "<key>" Route <n> Calibration date <date>
Calibration time <time>. (132))

11186 When first record is created, it is impossible to select it
Type: Error
Refresh procedure is corrected in import and export browsers

11187 Loop in creating new work order in the Project
Type: Error
Loop in creating new work order in the project is fixed.

11188 Use of edit menu in Cronplanner
Type: Error
Edit-Copy and Edit-Delete functions have been corrected in automation planner.

11191 Focus on work order is lost in case of browser repositioning
Type: Error
Selection behavior is corrected in job accumulation program (Focus on work order was lost in case of browser repositioning)

11192 Browsers didn't start up in read-only mode
Type: Error
Browsers called from 'Edit temporary stock removals' didn't use read-only settings.

The browser-ro setting should only be used when browser is called from data maintenance program for table or directly from menu.
In all other cases browser should start read-only independent of browser-ro setting.
So stock control browser called from stock control maintenance program or menu should use browse-ro
Stock control browser called from all other places should startup in read-only mode

11196 "Scan for customer defined icons" option logic
Type: Error
"Scan for customer defined icons" option logic is corrected

11199 Work order approval status transferring on reschedule
Type: Error
It is possible to configure in maintenance module configuration if the next PM task instance will be created with approved status.

11200 Export of Location just exports Location key and location name
Type: Error
Address fields are added to location export

11201 it must be possible to export supplier's location's fields
Type: Error
Supplier.Location_key field added to the export

Change log
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<th>Comments</th>
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<td>Ruslana Smichyk</td>
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