TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
	To:	01.001.01.00 / 29/11/2015

Module: No subsystem   **Notes:** 4

Note: TMS-621

Report Specs are now saved directly to database

The Report Specs used to be saved on files in a directory named 'ReportSpecs'. Now they are directly saved to database.
Upon opening the program any existing old parameters on files are saved to database.
Also the 'backup', 'restore' and 'copy project' commands save the information directly on database.

Patch Situation   01.001.01.00

Note: TMS-913

'Progress Continuity Check' new function

A new command named "Progress Continuity Check" has been added.
By clicking this command a report (exportable to Excel Workbook) is produced where the discontinuities of Progress in the following distributions are detected:
1) Actual Progress Distribution at Schedule Activity Level
2) Actual Progress Distribution at C3 Activity Level
3) Actual Progress Distribution at Main WS Lowest level
4) Actual Progress Distribution at Work Class Level

Patch Situation   01.001.01.00

Note: TMS-943

Automatic file name proposal when saving an Excel report

After a specific Report has been generated, the system automatically proposes the name to be applied to it, that can be edited.

Patch Situation   01.001.01.00

Note: TMS-989

Report generation in Baseline context - bug fixing

The bug that caused an error in Report generation in the context of Baseline only without any Actual being imported has been fixed.

Patch Situation   01.000.08.00, 01.000.08.01, 01.001.00.01

TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
	To:	01.001.01.00 / 29/11/2015

Note: TMS-990

Import Configuration' section - 'Esc' command

A bug has been fixed: previously user could not exit the "Import Configuration" form when the "P6 Spread" Tab was wrongly selected in a context of "Generic Import" and the relevant import file was associated.
The same bug has been fixed also in the "Discard" and "Reload" functions.

    Patch Situation   01.001.00.01, 01.001.01.00

Note: TMS-993

Manage Baseline: 'Actual' and 'Forecast' values

A bug has been fixed: previously, in "Manage Baseline", Actual - Forecast Values were not correctly transferred in Baseline 2.

    Patch Situation   01.001.00.01, 01.001.01.00

Note: TMS-994

Progress Bar inserted for the 'Manage Baseline' command

When the "Manage Baseline" command is running, after that user has clicked the OK command in the related form, a Progress Bar with the command progress is shown.

    Patch Situation   01.001.00.01

Note: TMS-995

Import custom file achievement

A bug has been fixed: the Baseline 1 and 2 Progress from the CUSTOM import file would not be achieved correctly. The values were wrongly achieved only up to the current cut-off.

    Patch Situation   01.001.00.01, 01.001.01.00

TMS

| *List of modifications* | *From:* | 01.001.00.01 / 13/05/2015 |
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Note: TMS-996

TMS.INI file has been eliminated

All the information previously inserted and managed in TMS.INI file have been moved into the application database.
The file content is transferred into the database upon application first run.
From that moment onwards, the file is no longer necessary and it can be deleted from the installation directory of the application.

    Patch Situation   01.001.01.00

Note: TMS-999

New parameter in the Main Settings form'

In the Main Settings form a new configuration parameter has been added, that previously was set only using the parameter named TMSRptSaveTypeFile available in the TMS.INI file.
It is now available in the the form a combo-box where the user can choose the default type file to be used when saving a report output.

    Patch Situation   01.001.01.00

Note: TMS-1004

User permissions on 'Import', 'Export' and 'Remove' commands on 'Report Specs' form

The 'Import', 'Export' and 'Remove' commands in the 'Report Specs' form are now subject to User Permissions; 3 new items are available in the Entry Points of the 'DataBase Manager' program.

    Patch Situation   01.001.01.00

Note: TMS-1006

Proposed perc correct calculation in Main WS form in case of manual input

In the Main WS form, when the parent node is configured as "Summary: YesV", if user changes the "VALUE" fields in the "Manual Input Summary" section, the "Proposed Weights %" fields are automatically calculated, using the percentage obtained by adding all the values available on all the nodes on the same level where the user is performing the manual change.

    Patch Situation   01.001.01.00, 01.001.00.05

TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
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Note: TMS-1015

Refresh after the 'Clear All' command

A bug has been fixed: the user was forced to exit and open the project again to get the real refresh after running the 'Clear All' command.

Patch Situation   01.001.01.00, 01.001.00.07

Note: TMS-1018

Improvements on Report Specs functionality

In the report forms these enhancements have been added:

1) When a Report Spec is saved, a Message Box is shown to the user informing him about the successful saving.

2) When the user makes a change on a report parameter that had been previously loaded, the "*" character is displayed near the report name, notifying the user that the report spec must be saved if he wants the changes made to its parameters to be permanent.

3) A button named "Clear" has been added and it lets the user clear the text boxes related to the name and the description of the Report Spec.

4) When a Report Spec is finished, a Message Box is shown to the user informing him that the import has been successfully performed.

Patch Situation   01.001.01.00

Note: TMS-1021

'Main WS Lowest level' saving

A bug has been fixed: an error would be generated when the Main WS Lowest level Code was modified and activities had been already associated.

Patch Situation   01.001.01.00, 01.001.00.08

TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
	To:	01.001.01.00 / 29/11/2015

Note: TMS-1022

Lock on Import

A bug has been fixed: during the generation of check file in Excel "simulation mode", "Invalid State" warnings were not properly highlighted in case of a single Work Class Update.

Patch Situation   01.001.01.00, 01.001.00.08

Note: TMS-1023

C3 items import quantities managed in the 'Copy', 'Backup' and 'Restore' commands

The 'Copy', 'Backup' and 'Restore' commands now manage also those data that are in the C3 Import Quantities form.

Patch Situation   01.001.01.00, 01.001.00.11

Note: TMS-1024

New message box

A message box has been added at the end of the "Update Work Class" process (in case of NOT simulation) that informs about the end of the process.

Patch Situation   01.001.01.00, 01.001.00.08

Note: TMS-1025

Optimization of 'Clear All' command

The "Clear All" command now works faster in Project Work in Class Structure by using functions with direct access to the db instead of memory classes.

Patch Situation   01.001.01.00, 01.001.00.09

Note: TMS-1027

Optimization of 'Export Workbook for Data Entry' function

The "Export Workbook for data entry" function now works much faster and a wait cursor has been added.

Patch Situation   01.001.01.00, 01.001.00.08

TMS

| *List of modifications* | *From:* | 01.001.00.01 / 13/05/2015 |
| | *To:* | 01.001.01.00 / 29/11/2015 |

Note: TMS-1028

Faster processes

The speed of the "Refresh C3 Overall Progress" and "Store C3 Progress" processes has been dramatically increased in the presence of several thousand of C3 Items.

Patch Situation 01.001.01.00, 01.001.00.08

Note: TMS-1029

Faster creation of Global Layout

Global Layouts are now created much faster in the presence of several thousands of C3 Items.

Patch Situation 01.001.01.00, 01.001.00.08

Note: TMS-1034

Incompatibility of import file message

In Import C3 Item Quantities an error message has been added warning the user about the reason for the non-compatibility of the file.

Patch Situation 01.001.01.00, 01.001.00.09

Note: TMS-1037

Modification of 'Weighting Factors' calculation factors

A bug has been fixed: in case of use of TMS in "C3 Only" mode, the Weighting Factors shown in Project Work Class Structure were calculated only according to the Weight Parameter imported in Assign/Refresh Scope not taking into account the Weighting Factors acquired by Main WS Lowest levels.

In the same context, the bug regarding the impossibility of entering a C3 Item in an empty Work Class has been fixed.

Patch Situation 01.001.01.00, 01.001.00.09

TMS

| *List of modifications* | *From:* | 01.001.00.01 / 13/05/2015 |
| | *To:* | 01.001.01.00 / 29/11/2015 |

Note: TMS-1039

Faster 'Copy' and 'Restore' processes

The 'Restore' and 'Copy' commands of a TMS Project work now faster, even when there are many saved cut-offs.

Patch Situation   01.001.01.00, 01.001.00.10

Note: TMS-1041

Optimization of background colours

The background colours have been modified in case of 'Main WS' at two levels, which made the text unreadable.

Patch Situation   01.001.01.00, 01.001.00.10

Note: TMS-1043

Validation error in batch reports when restoring old projects has been fixed

A bug has been fixed: when an old TMS project is restored and the output directory of a batch report is no more, upon entering the batch report form, now, the validation error due to the "not found" directory does not appear any more.
Previously the only way to fix this validation error was to make the non-existing field blank in order to proceed with the same interface.

Patch Situation   01.001.01.00, 01.001.00.11

Note: TMS-1048

Bug fixing

The following bugs have been fixed:

1) an error in the "Store C3 Progress" and "Refresh Calculation Overall Progress" in case of Work Classes without associated deliverables

2) the management of Work Class Library also with a single level has been implemented (previously, it was not managed)

3) fixed problems in saving data imported from an external Workbook with the progress to date for each deliverable.

Patch Situation   01.001.01.00, 01.001.00.12

What's New?

TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
	To:	01.001.01.00 / 29/11/2015

Note: TMS-1049

Fixed bug regarding the "circular reference" in some cells

The bug regarding the "circular reference" in some cells of the Excel Workbook of the work class exported has been fixed.
The problem was due to the fact that some work classes had no associated deliverables; now also this case is handled without any circular reference.

Patch Situation 01.001.01.00, 01.001.00.12

Note: TMS-1052

Calculation parameter bug fixed

The bug regarding the problem of calculation with overflow with weight % in case of activities with Weighting Parameter equal to zero has been fixed.

Patch Situation 01.001.01.00, 01.001.00.12

Note: TMS-1059

Faster copy of projects

The waiting time for copying projects with several C3 Item Deliverables and several stored C3 Cut-offs has been significantly reduced.
The copy now holds only the 4 cut-offs prior to the current one.

Patch Situation 01.001.01.00, 01.001.00.13

Note: TMS-1064

Date format bug fixed

The error generated during the import of C3 Progress Workbook containing dates in the "String" format and not, as required, in the "Date" format has been fixed.

Patch Situation 01.001.01.00, 01.001.00.13

TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
	To:	01.001.01.00 / 29/11/2015

Note: TMS-1065

Shorter waiting time for copying

The waiting time when copying projects with several stored P6 cut-off's has been significantly reduced. The Project copy now holds only the current cut-off.

Patch Situation   01.001.01.00, 01.001.00.13

Note: TMS-1070

New report

The "Quantity Production Chart" Report has been added: here user can choose whether the Quantities shown in the chart are coming from the sum of C3 Items (existing option) or directly from the Schedule (new added option).

Patch Situation   01.001.00.14, 01.001.01.00

TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
	To:	01.001.01.00 / 29/11/2015

Note: TMS-1073

Import of XML files from Oracle Primavera P6 and/or Microsoft Project

It was introduced a new feature that allows the import of Schedule Data directly from XML files exported from Oracle Primavera P6 and/or from Microsoft Project.

The import process involves:

1) Association of the XML file to a specific Distribution Type (BL1, BL2, CURRENT)

2) A mapping of variable fields read in the XML file associated with the command "File Mapping"

3) Each mapping can be saved in the Map List of Specs and re-used for subsequent mapping file.

4) It is possible to associate each Distribution Type with one or more XML Files also exported by both Scheduling Systems (MS Proj + P6).

5) It is possible to import more "Distribution Types" simultaneously with more XML files for each Distribution Type

5) At the end of the import process any encountered inconsistencies are reported (exportable to Excel) and any duplicate tasks in the various XML files are identified.

6) It is also possible to display and export to Excel the contents of the import organized in worksheets (Schedule Date / General Info Project / Activity Codes)

      Patch Situation   01.001.01.00

Note: TMS-1078

Generation of Quantity Progress Schedule

It was implemented the possibility to generate the "Quantity Progress Schedule" also using imported Quantities from P6 as well as those derived from C3 Module.

      Patch Situation   01.001.00.14, 01.001.01.00

Note: TMS-1087

Bug fixing on 'Export to MS Project'

The bug in "Export for Schedule Updating" has been fixed: in case of "Export to MS Project" the content of the exported file was empty.

      Patch Situation   01.001.00.14, 01.001.01.00

What's New?

TMS

List of modifications	*From:*	01.001.00.01 / 13/05/2015
	To:	01.001.01.00 / 29/11/2015

Note: TMS-1093

Import of Main Weighting Structure from XML files

It is now possible to import the Main Weighting Structure directly from XML files exported from the Scheduling System.

In particular:

1) In Microsoft Project the Custom Field - Outline Code is chosen and it contains the Hierarchical Codes that will be used in TMS as Main Weighting Structure;

2) In Oracle Primavera P6 the Hierarchical Activity Code (or alternatively the WBS) is chosen and it contains the Codes that will be used in TMS as Main Weighting Structure.

In both situations user can import (on request) the Weighting Parameters values summarized at the various levels of the Main Weighting Structure.

Patch Situation   01.001.01.00

Note: TMS-1105

Forecast curves also based on C3 actual on Progress Curves report

In the "Progress Curves" report it is now possible to select also forecast curves (early, late and average) even when the user chooses Actual parameters based on C3.

Patch Situation   01.001.00.16, 01.001.01.00

Note: TMS-1107

Bug fixing for 'Actual Finish' date deletion

The bug encountered in the "Project Work Class Progress", where it was not possible to cancel the 'Actual Finish Date' of one deliverable previously inputted and saved, has been fixed.

Patch Situation   01.001.00.16, 01.001.01.00