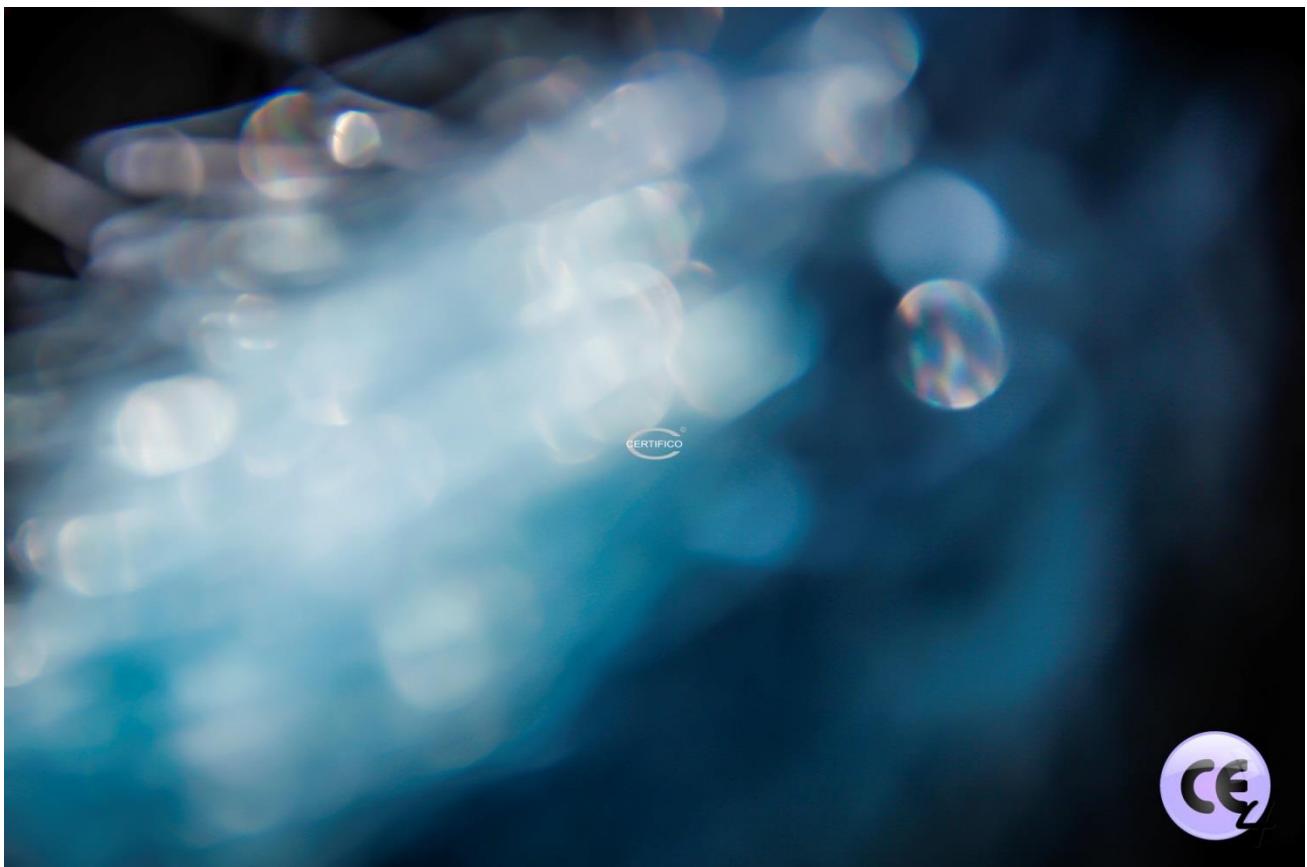




# cem4

certiflico machinery directive



Changelog 2005-2019:  
**Number 150**

Rel. 4.19.05.01 | 06.2019 EN Version

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## Changelog 2005-2019: Number 150

# 2019

### 21/06/2019: 4.19.05.01 - May 2019 Update (Patch 1)

- 0002893: [Fix] VX2/CR2: Requirement tree not shown in custom risk assessments after changing machinery properties

### 02/05/2019: 4.19.05.00 - May 2019 Update

- 0002886: [GUI: document window] Added extensions .docx, .xlsx, .pptx for Technical File attachments
- 0002877: [Fix] Fixed export error for Technical File attachments
- 0002884: [Documentation] Removed old help topics in "Help" menu

### 20/02/2019: 4.18.12.02 - December 2018 Update (Patch 2)

- 0002870: [Fix] Fixed problem when adding a new text note in Technical File (English localisation)
- 0002865: [GUI] New splash screen images

### 05/02/2019: 4.18.12.01 - December 2018 Update (Patch 1)

- 0002864: [Fix] View text field when adding a picture

# 2018

### 14/12/2018: 4.18.12.00 - December 2018 Update

- 0002844: [Feature] Better hint for "Help me choose tool" (Italian language)
- 0002849: [Home] Search: new layout

### 05/10/2018: 4.18.09.01 - September 2018 Update (Patch 1)

- 0002827: [Import/export] Some import errors for an item may prevent all following import operations involving that item

### 07/09/2018: 4.18.09.00 - September 2018 Update

- May require the automatic database conversion (4.7.x, 4.8.x, 4.18.x)
- 0002812: [Feature] Added new "Tool "EN ISO 12100 | Operative" - [DBFIX 46]
  - 0002816: [GUI] Added new window with main fields and description for the selected tool (machinery properties)
  - 0002811: [Print report] Fixed localisation error in report footer for rules requirements

### 03/08/2018: 4.18.08.00 - August 2018 Update

- 0002808: [Home] Home: new Home Machinery

### 26/07/2018: 4.18.07.00 - July 2018 Update

- 0002805: [Print report] Changed Machinery Details report and Machinery Home
- 0002807: [Fix] Fixed localisation for table ISO/TR 14121-2 (EN/IT)
- 0002804: [Fix] Compulsory method choice when creating a new machinery
- 0002802: [Fix] Fixed item creation error in Add menu for database tool window
- 0002798: [Localisation] Fixed translation error for "hazards collections" (property window, EC Marking Process)
- 0002797: [Localisation] Fixed translation error for "Partly completed machinery" (property window, EC Marking Process)

### 24/05/2018: 4.18.05.00 - May 2018 Update

- 0002792: [Fix] Feature to add Technical File section models
- 0002780: [Rules] New privacy policy
- 0002764: [GUI] New splash screen images
- 0002779: [zz - Internal] New software versioning system (AFIN)

### 24/04/2018: 4.8.13 (Build 0)

- 0002294: [Feature] Advanced HTML tooltips HTML for tree nodes in Database Window
- 0002766: [GUI] Fixed column resize in table of management window (manufacturer, machineries, rules)

### 11/04/2018: 4.8.12 (Build 2)

- 0002768: [iBooks (epub)] Fixed unhandled exception "InvalidCastException" raised when trying to export a Technical File or rule in epub format

### 19/03/2018: 4.8.12 (Build 1)

- 0002762: [Fix] Fixed unhandled exception "FormatException" raised when trying to delete a TF document with title and code
- 0002763: [Print report] View problem for new risk assessment cover



**14/03/2018: 4.8.12 (Build 0)**

- 0000830: [Fix] Copy and paste of embedded resources
- 0001226: [Print report] Added pictures in report for Technical File covers, section separators, new risk assessments covers
- 0002761: [Setup] Embedded Microsoft SQL Server 2014 LocalDB into the full setup
- 0002748: [Performance] Better performance when loading or updating statical data for database records
- 0002749: [Fix] Fixed first import error for hazards structure of new risk assessment
- 0002752: [Fix] Export of machineries risk assessments with pictures
- 0002758: [Performance] Better features for import and export machineries
- 0002759: [GUI] Added progress bars in taskbar button background of Windows 7 (or newer) for machineries import and export operations
- 0002760: [Feature] Added export machineries function in popup menu for Database nodes
- 0002757: [Fix] Fixed hazards creation error for new risk assessments when user selected two or more collections in the machinery property window
- 0002746: [Fix] After copying the EC Marking Plate, its section disappeared from the database tree
- 0002059: [Fix] Fixed an unexpected exception raised when trying to delete an embedded resource shared among several Technical Files
- 0002741: [Fix] Delete of embedded resources of Technical File documents only if not saved on database
- 0002754: [Fix] Cannot create new machineries with schemes if there are hazard collections with name longer than 50 characters
- 0002739: [zz - Internal] Added values for some header fields for requests sent to Certifico web service or web server
- 0002744: [Feature] Added a hero image to fast insert embedded resources to Technical File documents
- 0001547: [Fix] When exporting more reports, the default file name was still the first one
- 0002734: [Print Report] Report page number error with English localisation
- 0002727: [Home] Topnav: loading metatag Opengraph for RSS feed news

**17/01/2018: 4.8.11 (Build 0)**

- 0002720: [Feature] AR1/AR2/CR2/VX1/VX2: Embedded pictures shown under the risk analysis (RQA/HZA) fields
- 0002726: [Fix] AR1/AR2/CR2/VX1/VX2: Fixes and improvements when adding embedded pictures
- 0002721: [Fix] Fixed error "Add" button for declaration of incorporation
- 0002725: [zz - Internal] Added advanced option to set the maximum number of embedded pictures for risk analysis (RQA/HZA) fields

# 2017

**15/12/2017: 4.8.10 (Build 0)**

- 0002709: [Fix] AR1/VX1: Fixed hazards collections filter error
- 0002698: [Fix] Saving function not enabled when editing the field "Machineries" in "Machinery data" tab for Declarations
- 0002697: [Print report] Fixed a view error for EC Declarations of Conformity for lines with several components on more than one page

**14/12/2017: 4.8.9 (Build 1)**

- 0002714: [Feature] Added SASL authentication mode on LDAP servers

**12/10/2017: 4.8.9 (Build 0)**

May require the automatic database conversion (4.7.x, 4.8.x)

- 0000759: [Home] Dashboard: added last user session widget - [DBFIX 45]
- 0002676: [Sessions] List of last closed documents and management windows for the current working session
- 0002674: [Fix] Fixed an error that prevented export for new risk assessments
- 0002670: [Fix] Fixed error for radiation hazards into "General" collection (English language only) [DBFIX 45]
- 0002681: [GUI] New waiting window
- 0002667: [Document Debugger] Document Debugger
- 0002664: [Document Debugger] AR1/AR2/CR2/VX1/VX2: Report conformity for new risk assessments warning
- 0002665: [Document Debugger] AR1/AR2/CR2/VX1/VX2: Reduction factor warning
- 0002666: [Fix] AR1/AR2/CR2/VX1/VX2: Fixed HZA view error of report previous state for new risk assessment report
- 0002669: [Fix] Button "Zoom" in report print preview allows to pass from "Page width" to "Full page"
- 0002668: [Fix] Fixed code error for risk estimate probability class
- 0002663: [Print report] AR1/AR2/CR2/VX1/VX2: Reduction factor inside the print report

**04/09/2017: 4.8.8 (Build 2)**

- 0002659: [Fix] Fixed error "access denied" when starting automatic translation
- 0002656: [Fix] Fixed unhandled exception raised when redrawing custom tabs with some configurations of Windows themes
- 0002631: [Feature] Side panel for editing risk assessments fields (new assessment) always visible

**14/08/2017: 4.8.8 (Build 1)**

- 0002588: [Documentation] Added requirements for custom reports
- 0002653: [Fix] Automatic translation: migration from Microsoft Datamarket to Azure Cognitive Services
- 0002655: [Fix] Added option inside machinery property window to enable or disable assessment with custom schemes

**27/07/2017: 4.8.8 (Build 0)**

- 0002640: [GUI] Context menu for tree nodes and table rows in management window
- 0002641: [Feature] Property window for EHSR Conformity
- 0002639: [Feature] Copy operation by drag&drop of database tree nodes
- 0002646: [Fix] Fixed an export error for signs pictures in English collection when software language is set to Italian



- 0002645: [Fix] Data refresh for management windows and database tree
- 0002644: [Fix] Fixed a hazard copy error for new risk assessments in English

**30/06/2017: 4.8.7 (Build 0)**

- 0002585: [Home] Dashboard: better performance when loading widgets
- 0002630: [Fix] Fixed view error for character & in database tree nodes
- 0002629: [Search engine] AR1/AR2/CR2/VX1/VX2: Enabled database search for new risk assessments
- 0000869: [Search engine] Support for search logical operators AND, OR, NOT
- 0001384: [Search engine] Fixed software halt when user try to stop searching
- 0002628: [Search engine] Added search scopes: all database, selected window, selected tables
- 0002632: [Fix] Fixed a search error for some potential results in some situations

**31/05/2017: 4.8.6 (Build 1)**

- 0002623: [Fix] Fixed a problem when loading report libraries with some localisation

**19/05/2017: 4.8.6 (Build 0)**

May require the automatic database conversion (4.7.x, 4.8.x)

- 0002612: [zz - Internal] Added advanced option to enable a different loading mode of report libraries
- 0002611: [Fix] Added more log details when loading report libraries
- 0002462: [Feature] New risk assessment by requirement (document AR1) - [DBFIX 43]
- 0002607: [Feature] New scheme by hazards "Tool EN ISO 12100 | Standard" - [DBFIX 43]
- 0002546: [Rules] Updated rules reference for Machinery Directive - [DBFIX 44]
- 0002478: [Fix] Fixed error when editing assessment properties where added all EHSRs
- 0002609: [Fix] Fixed problem with error message when trying to edit properties of a machineries without hazard checked
- 0002610: [Fix] Automatic dump for globalogger windows

**15/05/2017: 4.8.5 (Build 4)**

- 0002587: [Fix] Fixed translation error for description of widgets in the Dashboard
- 0002604: [Fix] Selection of hazard collection and method when creating new machineries

**02/05/2017: 4.8.5 (Build 3)**

- 0002583: [Print report] Fixed view error for field "CEN" into report "Requirements text" for check lists.
- 0002586: [Home] Small changes to the style
- 0002584: [Home] Topnav: added user commands dropdown. Sidebar: added user profile picture

**20/04/2017: 4.8.5 (Build 2)**

- 0002580: [Print report] Fixed content error for reports showed into Machinery Home after switching to a new machinery without closing the window
- 0002581: [Fix] Fixed unhandled exception raised after loading some pages of the new Home
- 0002579: [Fix] Fixed a view error for components nodes in the archive tree

**12/04/2017: 4.8.5 (Build 1)**

- 0002080: [Setup] Graphical changes for Patcher.exe (version 1.0.3)
- 0001212: [Home] New Home: new layout and feature changes
- 0001215: [Home] Link description in status bar Home
- 0002567: [Fix] Fixed an error when checking authorizations for non-administrator users that want manage scheduled tasks
- 0002560: [Feature] VX1/VX2: The checklists are now selectable for custom assessment
- 0002561: [Documentation] Added a table with supported RTF codes in print reports
- 0002554: [Fix] Fixed error when refreshing the icon for not considered cards for hazards/requirements in new assessments
- 0002531: [GUI] Fixed a problem of slow redraw for changed tree nodes without focus
- 0002552: [Fix] Structure tree for requirements or hazards in assessment: sometimes the icon was not refreshed correctly
- 0002559: [Fix] Fixed unhandled exception during creation of a custom risk assessment
- 0002558: [Fix] Fixed an error when loading users authorizations in italian language for users created with English localisation
- 0002556: [Fix] AR1/AR2/CR2: Changing the state into "In progress" or "Finished" was causing unattended behaviours and crashes

**03/03/2017: 4.8.5 (Build 0)**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x, 4.8.x)

- 0002463: [Localisation] AR1/AR2/CR2/VX1/VX2: English localisation and language support - [DBFIX 41]
- 0002543: [Feature] VX1/VX2: Added new scheme "Tool | Assessment" for custom assessment by requirements and by hazards - [DBFIX 42]
- 0002544: [Fix] Fixed authentication error for LDAP users

**24/02/2017: 4.8.4 (Build 0)**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x, 4.8.x)

- 0002460: [Feature] AR1/AR2/CR2/VX1/VX2: Editor for adding pictures to the document fields
- 0002433: [LICENCE] Updated licence terms
- 0002450: [Print report] Fixed item order for report "AR Pictures"
- 0001954: [GUI: Property Windows] AR1/AR2/CR2/VX1/VX2: Description editing for assessments pictures - [DBFIX 40]
- 0002532: [Fix] AR1/AR2/CR2/VX1/VX2: Requirement and hazard description always visible also for assessments cards
- 0002535: [Fix] Changed Certifico s.r.l. address
- 0002533: [Fix] Height resize according to the content of assessments RTF fields after user editing



- 0002524: [Feature] New text notes features for Technical File external documents
- 0002521: [Fix] Updated external links into CEM4 Home

**27/01/2017: 4.8.3 (Build 0)**

- 0002464: [Feature] AR1/AR2/CR2: Support of user authorizations for document windows (14034 and 14035)
- 0002456: [Feature] AR2/VX2: Added delete function for hazards in the tree of the document
- 0002502: [zz - Internal] Command line parameter to check the Ndj licence status for current or next release
- 0002503: [Setup] Check licence status before installing the UPDATE setup
- 0001164: [Fix] Cannot start the automatic update service when UAC or other Windows security policies are enabled
- 0002518: [Print report] AR1/CR2/VX1: Summary report for assessments (Italian language only)
- 0002517: [Print report] AR1/AR2/CR2/VX1/VX2: Report for applicable/present cards, comply, not applicable/not presents, not compy, selection (Italian language only)
- 0002511: [Fix] Experimental support for proxies which require authentication with Windows user credentials
- 0002458: [Feature] AR1/AR2/CR2: Tools to filter the tree structure of the document and move among the cards

# 2016

**16/12/2016: 4.8.2 (Build 1)**

- 0002486: [Fix] Fixed an unhandled exception raised when deleting a Technical File document

**16/12/2016: 4.8.2 (Build 0)**

- 0002483: [Feature] Cut, copy and paste for AR/CR of new risk assessments (Italian language only)
- 0002485: [Feature] AR1/AR2/CR2/VX1/VX2: Card delete for present hazards or applicable requirements selected in the tree (Italian language only)
- 0002484: [Print report] AR1/AR2/CR2/VX1/VX2: New cover report (Italian localisation only)
- 0002423: [Fix] Fixed visualisation error for copied and pasted pictures in RQAs
- 0002453: [Fix] AR2: Fixed error when copying AR2 and CR2 documents inside a machinery
- 0001294: [Performance] Better performance for delete operation
- 0002481: [GUI] Added progress bars in taskbar button background of Windows 7 (or newer) for copy and delete operations
- 0002482: [Performance] Better performance for copy operation
- 0002330: [Feature] AR1/AR2/CR2: Full support for copy/delete/export/import operation for new risk assessments.
- 0002454: [Fix] AR2: Better document deletion

**06/12/2016: 4.8.1 (Build 1)**

- 0002477: [Fix] Fixed unhandled "buffer overflow" exception raised when opening a Declaration of Conformity document window
- 0002476: [Fix] Fixed error when deleting machineries with a CR2 with at least one requirement card

**30/11/2016: 4.8.1 (Build 0)**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x, 4.8.x)

- 0002472: [Syntax Errors] Fixed error for radiation hazards into "Generale" collection (Italian language only) - [DBFIX 39]
- 0002466: [GUI] AR1/AR2/CR2: New icons for hazard cards and field types
- 0002470: [Fix] Fixed error into "EN ISO 12100 Pericolii" collection (Italian language only) - [DBFIX 39]
- 0002473: [Feature] VX2: New custom risk assessment by hazards (Italian localisation only)
- 0002452: [Feature] AR1/AR2/VX1/VX2: Added property window for new documents
- 0002471: [Fix] Fixed schema display error in sections models
- 0002467: [Fix] AR1/AR2/CR2: Fixed report pagination for multiple AR/CR in the same card
- 0002461: [Feature] AR1/AR2/CR2: Add delete and rename functions for AR/CR into analysis cards
- 0002381: [GUI] AR1/AR2/CR2/VX1/VX2: New document icons

**18/11/2016: 4.8.0 (Build 0)**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x)

- 0001473: [Feature] Risk assessment EN 12100:2010 (VR2/CR2). Italian localisation only - [DBFIX 38]
- 0002447: [Fix] Removed option "user instances" from database connection window
- 0002443: [Fix] Fixed error when calculating demo start date with other time zones and particular cases
- 0002436: [Import/export] Fixed a version compatibility error when importing rules exported with version 4.7.2 or newer for 4.7.1 or newer

**19/09/2016: 4.7.6 (Build 1)**

- 0002425: [GUI] Fixed a checkbox drawing problem inside the CE Marking Process into the machinery properties (disabled themes)
- 0002424: [Syntax Errors] Fixed text error in Declaration of Incorporation (Italian language only)
- 0002421: [Fix] Added error logs when LDAP authentication

**02/09/2016: 4.7.6 (Build 0)**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x)

- 0002412: [Fix] Increased field size "Valore" for risk analysis (RA) fields - [DBFIX 37]
- 0002413: [Fix] Cue banners for editable controls not correctly displayed on Windows 10
- 0002418: [GUI] Added two new themes ("Random Native System Theme" and "Aero Style (Dark Blue)")
- 0001952: [Fix] Increased height when editing assessments fields



**23/08/2016: 4.7.5 (Build 6)**

- 0002403: [Fix] Fixed hazard order error when importing a collection

**12/08/2016: 4.7.5 (Build 5)**

- 0002393: [Fix] The node "Technical Documentation" did not change into "Technical File" when changing CE Marking Process
- 0002391: [Fix] Fixed crash when docking/undocking the RQA property window
- 0002394: [zz - Internal] Internal changes for Certifico.Framework compatibility with different applications

**29/07/2016: 4.7.5 (Build 4)**

- 0002392: [Fix] Fixed requirements filter error for risk assessment documents (English localisation only)

**07/07/2016: 4.7.5 (Build 3)**

- 0002387: [Fix] Error while copying and pasting relations among RQAs and signs (or hazards)
- 0002382: [Feature] Technical File structure generation when selecting a risk assessment tool
- 0002380: [Feature] New tree structure for CE Marking Process
- 0002388: [Search Engine] Search for Standard A, Standard C and CENELEC for requirements and assessment cards
- 0002385: [Fix] Side node move in the tree structure not enabled for system documents of the Technical File
- 0002379: [Feature] Added icons for item and language into combobox lists

**31/05/2016: 4.7.5 (Build 2)**

- 0002373: [Fix] Fixed bugs while copying and pasting requirement assessments

**30/05/2016: 4.7.5 (Build 1)**

- 0002368: [Fix] Fixed unhandled exception raised when saving system user authorizations for clients activated with NDJ
- 0002363: [Print Report] EC Declaration of Conformity DC3 - Text alignment for new Directives
- 0002365: [zz - Internal] Added more licence information when checking for updates
- 0002362: [Print Report] Partial support for Croatian (official European language)

**26/04/2016: 4.7.5 (Build 0)**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x)

- 0002300: [Feature] New scheduled activities manager window - [DBFIX 36]
- 0002299: [Feature] Automatic save periodic activity for document windows (Autosave)
- 0002352: [Fix] Disabled section "Store" in CEM4 Home (Italian localisation only)
- 0002343: [zz - Internal] Initial support of SQLite and SQL Server Compact databases
- 0002351: [Fix] Fixed crash when loading event log report

**29/02/2016: 4.7.4 (Build 1)**

- 0002332: [Fix] SQL Server 2005 compatibility fix for database update script

**24/02/2016: 4.7.4 (Build 0)**

Mostly not compatible with previous versions!

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x)

- 0001829: [Feature] New set of 22 security authorizations for print, export and share document reports
- 0002309: [Feature] New set of 14 security authorizations for new CEM4 items
- 0002277: [Setup] Microsoft SQL Server 2012 embedded into full setup
- 0002288: [Fix] Increased allowed characters for address ZIP Code from 5 to 10 - [DBFIX 34]
- 0002224: [Feature] Support to assessments schemes - [DBFIX 35]
- 0002302: [Feature] Added button "Open selected item" in main toolbar for management windows
- 0002303: [zz - Internal] Client locked in read-only mode if the database release is newer
- 0002313: [Fix] Text graphical issue for description in signs and hazards selection tables
- 0002326: [Fix] Error when parsing system information for released licenses when activating and revoking a key
- 0002316: [Fix] Icon graphical issue for tables in management windows (English localisation only)
- 0002227: [Fix] Fixed English terms for "Hazardous event" and "Hazardous situation"

**18/01/2016: 4.7.3 (Build 1)**

- 0002284: [Fix] Missing graphical update when selecting hazards with double click

# 2015

**18/12/2015: 4.7.3 (Build 0)**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x)

- 0002215: [Rules] New Directives for EC Declaration of Conformity - [DBFIX 33]
- 0002264: [Product documentation] Update several chapters for software user manual (Italian language only)
- 0002244: [Print report] Better localisation system for print reports
- 0002268: [Fix] Better graphical redrawing for picture comboboxes items
- 0002265: [Feature] New language support level combobox
- 0002269: [Fix] Fixed saving error for fields "Code" and "Revision" inside document windows of DC, DF and MC
- 0002267: [Fix] "Localisation" field of the document now shown in archive node text, after the code



**14/10/2015: 4.7.2 (Build 0)**

Mostly not compatible with previous versions!

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x)

- 0001036: [Feature] Hazards Categories
- 0002212: [Fix] Added new tab "Operating Conditions" inside RQA editing tool window
- 0002084: [Fix] New hazards management - [DBFIX 31/32]
- 0002086: [Feature] Compatibility migration function for old hazards management
- 0002214: [Print Report] Omitted risk notes section for not applicable requirements

**21/09/2015: 4.7.1 (Build 1)**

- 0002158: [GUI] New icons (company, rules area, hazards)

- 0002206: [Product documentation] Compatibility tables for different version of exchange files (Italian language only)

- 0002205: [Fix] Fixed runtime error when opening too much complex RA documents

- 0002201: [Fix] Fixed error when saving signs copied from another collection

**28/08/2015: 4.7.1 (Build 0)**

Mostly not compatible with previous versions!

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x, 4.7.x)

- 0002172: [Fix] Space before some special fields values in selected RQA table
- 0002170: [Performance] Improved loading performance for statistics records
- 0002169: [Fix] Windows waiting mouse pointer sometimes not correctly displayed
- 0002171: [Fix] Fixed view errors for the RQA tool window when selecting not applicable cards
- 0002180: [Feature] Dockable or floating RQA tool window for editing special fields
- 0002085: [Fix] New signs management - [DBFIX 30]
- 0002087: [Feature] Compatibility migration function for old signs management

**07/08/2015 - 4.7.0 (Build 44)**

- 0002164: [Fix] Fixed connection error for not compatible databases

- 0002157: [GUI] New project icon

- 0002175: [Fix] New disclaimer (English and Italian language)

- 0002176: [Fix] New link "Suggestions"

**17/07/2015 - 4.7.0 (Build 43)**

- 0002156: [GUI] New manufacturer icon

**10/07/2015: 4.7.0 (Build 42)**

- 0002150: [Fix] Compatibility warning after check database and exchange files

- 0002153: [Fix] Chance to cancel the import operation after reading message "CEM464.import:config.Execute.Message"

- 0002152: [Fix] Fixed edit error for Requirement's CENELEC field for different RA which may cause a database concurrency exception when saving statistics data

**01/07/2015: 4.7.0 (Build 38)**

- 0002149: [Fix] Globallogger enhancement

**19/06/2015: 4.7.0 (Build 36)**

- 0002146: [Fix] Fixed an unhandled exception "IndexOutOfRangeException" triggered when expanding node "Line components" which eventually may cause software crashes

**17/06/2015: 4.7.0 (Build 34)**

- 0000861: [Feature] Globallogger

- 0001969: [Fix] Current localisation choice menu disabled

- 0001548: [Fix] Fixed error "Add" button for declaration of incorporation

- 0001676: [Localisation] Fixed English report for declaration of conformity

**30/04/2015: 4.7.0 (Build 18)**

- 0002074: [Fix] Better case checks to enable "Save" command and new save errors

- 0002075: [Fix] Better case checks to enable "Save All" command

- 0002077: [Feature] New tooltip for toolbar button "Save All" showing a list of windows with unsaved changes

- 0002026: [Fix] Partially cut letter in print preview and print for Italian report of Declaration of Incorporation

- 0002100: [zz - Internal] Changed database version check procedure

- 0002067: [zz - Internal] New internal features for Web Service support

- 0002082: [Fix] Fixed icons display error for tables and a management window crash which happened in certain situations

**18/03/2015: 4.7.0 (Build 12)**

- 0002041: [Localisation] News localised in English

- 0002053: [Fix] Fixed an unhandled exception (no crash) that sometimes occurred while resizing a custom draw textbox

- 0002062: [Feature] Advanced feature for checking software installation integrity

- 0002043: [Fix] Error when saving proxy credentials in some situations

- 0002044: [GUI] Better window layout for NDJ activation



**04/03/2015: 4.7.0 (Build 10)**

- 0002017: [zz - Internal] New automatic activation system (Certifico NDJ 2.0)
- 0002040: [Feature] Automatic update service hybrid patches/setup
- 0002008: [Fix] Problem while loading news with not updated versions of Windows XP and Internet Explorer

# 2014

**19/12/2014: 4.6.9**

- 0002005: [zz - Internal] New command line parameters: -c, -C
- 0002002: [Fix] New automatic update site (update.certifico.com)
- 0001991: [Product documentation] Connection window hints
- 0001728: [Localisation] Removed links old sites
- 0001938: [Feature] New RSS Feed

**12/12/2014: 4.6.8**

- 0001957: [Print report] New report "RA Pictures"
- 0001028: [Backup/restore database] New backup and restore database wizards
- 0001968: [Backup/restore database] Backup with LocalDB
- 0000739: [Backup/restore database] Error "cannot complete backup on server"
- 0001849: [Feature] Fast-switch user login

**06/11/2014: 4.6.7**

- 0001851: [Localisation] Table ISO/TR 14121-2 in English and Italian language
- 0001955: [Fix] Fixed security exception for users not authorized to assign projects or firms to engineers or project managers
- 0001958: [Fix] Certifico 'Nduja temporarily disabled in all cases

**06/08/2014: 4.6.6**

- 0001843: [Feature] Temporary authorization elevation for the current user granted by another user
- 0001830: [Fix] Fixed security exception for non-admin users not authorized to edit the signs
- 0001828: [Fix] Fixed security exception for non-admin users not authorized to edit the RQAs
- 0001831: [Fix] New user property window
- 0001844: [Fix] The system default administrator may always change the authorizations

**11/07/2014: 4.6.5**

- 0001310: [Setup] Embedded Microsoft SQL Server 2012 LocalDB into the full setup
- 0001816: [Fix] Update company information

**18/04/2014: 4.6.4**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x, 4.6.x)

- 0001726: [zz - Internal] export:config / import:config
- 0001602: [Feature] Rules update function - [DBFIX 29]
- 0001715: [GUI] Changed rules fields view
- 0001725: [Fix] Exception raised while importing a single relationship RTF attachment – picture
- 0001724: [Fix] Exception raised while importing a single custom sign together with a machinery

**14/03/2014: 4.6.3**

- 0001405: [zz - Internal] New automatic activation system (Certifico 'Nduja)
- 0001389: [Feature] Advanced option to disable automatic update
- 0001642: [Fix] Exception raised when clicking on column headers in the "About" window, tab "Activation"
- 0001641: [GUI] New splash screens CEM4
- 0001618: [GUI] New software name CEM4

# 2013

**13/12/2013: 4.6.2 PRO**

- 0001573: [Fix] Error when updating icon for "Applicability" button in RA cards
- 0001582: [Performance] Lower time required when saving signs, hazards or requirements of a rule
- 0001575: [Fix] Exception thrown when importing a new collection sign
- 0001581: [Fix] Unwanted deletion of system signs and hazards
- 0001576: [Fix] Small fixes about sign deletion
- 0001577: [Fix] Error when updating the UI after delete last sign of a collection



**04/12/2013: 4.6.1 PRO**

- 0001571: [Fix] View error for selected signs/hazards at first open of RQA property window
- 0001572: [Fix] Index number error for signs/hazards/requirement when moving the node in the structure
- 0001565: [Fix] Filtered collection name not visible in RQA property window
- 0001568: [Fix] View problem for signs with English localisation
- 0001567: [Fix] View problem for selected signs with same code and title
- 0001570: [Fix] View problem for selected signs without a preview picture
- 0001569: [Fix] Double export in case of collection with same name both in Italian and English

**29/11/2013: 4.6.0 PRO**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x)

- 0001315: [Feature] New signs system - [DBFIX 28]
- 0001235: [Print Report] Crystal Report Crash when try to show some picture
- 0001560: [Rules] New rule type "Technical Report"
- 0001561: [Fix] Updated link to the rules Home page
- 0001546: [Fix] Explicit fixed-input limit for user when renaming a Requirement Assessment

**13/09/2013: 4.5.9 PRO**

- 0001495: [Fix] Missed refresh for "Rules" tree after machinery import
- 0001483: [Feature] New feature "Share Report"
- 0001531: [GUI] Small style changes for Home tables
- 0001530: [GUI] Link to the CER rules on the Home page
- 0001387: [Feature] Rename function for the Requirement's Assessments
- 0001497: [Fix] Fixed problem with button "New component" in the database window

**05/07/2013: 4.5.8 PRO**

May require the automatic database conversion (4.3.x, 4.4.x, 4.5.x)

- 0001445: [GUI] Status bar button to switch GUI language
- 0001396: [Fix] Default filename when exporting a report from the document windows
- 0001480: [Fix] Binding errore for the field "rule" in the property window of Technical File documents
- 0001459: [Fix] Fixed an error which prevented to launch the Crystal Report setup if it was not installed
- 0001394: [Rules] Wrong title for signs 3.1.7 and 3.1.8 - [DBFIX 27]
  
- 0001482: [Fix] Fixed credential error when trying to download a File Sharing resource if the previous server address changed
- 0001481: [GUI] Wrong icon for the new&unsaved sections of the Technical File
- 0001461: [Fix] Fixed a bug which prevented to move the items into the tree structure of the Technical File
- 0001479: [Search Engine] Search by GUID
- 0001471: [Fix] Tree not shown for engineer users with no project/machinery assigned
- 0001477: [Feature] Classical wizard removed
- 0001476: [Fix] Fixed an unexpected exception when clicking the suggestion icon for the field of the RQA

**30/05/2013: 4.5.7 PRO**

- 0001458: [Fix] Unhandled exception generated when trying to create a new custom Risk Assessment document
- 0001450: [Print report] Waiting window for report preview

**10/05/2013: 4.5.6 PRO**

- 0001449: [Fix] Check-list tree selection not working
- 0001447: [GUI] New layout for the Risk Assessment document window
- 0001440: [GUI] Changed table borders for the ISO risk
- 0001448: [GUI] "ISO" writing for the rules icons

**03/05/2013: 4.5.5 PRO**

- 0001439: [GUI] 64 bit logo removed
- 0001443: [GUI] New flat icon set

**12/04/2013: 4.5.4 PRO**

- 0001401: [Print report] Fields alignment for RA Complete Summary Report
- 0001437: [GUI] Italian only: Certifico Apps on the Store (Home window)
- 0001309: [Print report] Problem with card conformity for Check List Report
- 0001402: [Fix] New waiting bar when exporting a report
- 0001407: [Print report] Field "Conformity" absent on print report



**08/03/2013: 4.5.3 PRO**

- 0001398: [Print report] Changed name of some reports
- 0000890: [Print report] RA Report: pdf export and print not correct
- 0001092: [Print report] Wrong counting for VRQ/RQA in print report
- 0001179: [Print report] RA Report not correct
- 0001395: [Print report] New report "RA Complete Summary"

**22/01/2013: 4.5.2 PRO**

- 0001347: [Feature] Filter by requirement for "Manage Pictures" window (AR documents)
- 0001345: [Feature] Auto requirements check for partly-machinery declaration of incorporation
- 0001382: [Feature] Function "remove text format" for RTF fields
- 0001368: [Fix] "Name" column inverted with "state" column
- 0000483: [Fix] Filter error for new assessments created
- 0001033: [Search Engine] Stop searching command
- 0001381: [Search Engine] Pagination problem with search results
- 0001380: [Fix] Updated books in Store section for the CEM4 Home
- 0001378: [Fix] Abnormal window while copying a machinery

# 2012

**20/12/2012: 4.5.1 PRO**

- 0001374: [GUI, icons, labels] Better text for machineries tree nodes
- 0001367: [Fix] Cannot save EC Declaration of Conformity data after choosing the rules
- 0001346: [Feature] New function to hide/show Technical File default documents
- 0001371: [Fix] Error when copying or deleting a whole line and its components
- 0001333: [Fix] Error wrong line after copying a component to another line
- 0001369: [Fix] Internal exception "munger" fixed
- 0001312: [GUI] Fixed view bug for ARQ Card window
- 0001326: [Fix] Unmanaged exception "Requested Clipboard operation did not succeed" fixed
- 0001348: [Fix] Bug with open commands for embedded documents

**26/10/2012: 4.5.0 PRO**

- 0001306: [Setup] Microsoft SQL Server 2008 R2 embedded with full setup installation
- 0001303: [Fix] Italian language settings on non-Italian language Windows
- 0001314: [GUI, icons, labels] New theme "Certifico Windows 8 Metro Explorer"
- 0001311: [Fix] Wrong store layout

**19/10/2012: 4.4.8 PRO**

- May require the automatic database conversion (4.3.x, 4.4.x)
- 0001300: [Syntax Errors] Text correction "operating condition" with "operating conditions"
  - 0001289: [Product documentation] Tooltip documentation system to check Assessments
  - 0001292: [Import/export] Different reading mode for .CEM files
  - 0000969: [Performance] Performance enhancement while copying
  - 0001295: [Fix] Error while coping contents of documents
  - 0001301: [Fix] Better error messages for copy, import, delete operations
  - 0001296: [Print report] Fix Assessments report cover
  - 0001298: [Performance] New database indexes for better performance - [DBFIX 26]
  - 0001299: [Syntax Errors] Fixed errors with English localisation

**11/09/2012: 4.4.7 PRO**

- 0001274: [Syntax Errors] English localisation not responding to UNI EN ISO 12100:2010
- 0001268: [Syntax Errors] New risk assessment report not comply the new standard
- 0001279: [GUI, icons, labels] Theme editor save user-defined themes into user configuration
- 0001275: [GUI, icons, labels] New theme "Certifico Dark Grey" set by default
- 0001278: [GUI, icons, labels] Various fix for the theme editor
- 0001280: [Fix] Loading errors of file sharing profiles saved in user configuration (non-LDAP authentication only)

**07/09/2012: 4.4.6 PRO**

May require the automatic database conversion (4.3.x, 4.4.x)

- 0001256: [Rules] Update machinery directive - [DBFIX 24/25]
- 0001265: [Fix] Changed the words "Hazards", "Hazard zone", "Measures" for the risk assessment
- 0001252: [Feature] Link to updated harmonized rules list
- 0001264: [GUI, icons, labels] New manufacturer flat icon and gray theme by default
- 0001262: [zz - Internal] New theme editor



- 0001258: [GUI] Progressbar with Certifico colours
- 0001259: [GUI] New waiting bar for report preview
- 0001261: [GUI] Changed reviews number view for ebooks in Home
- 0001260: [GUI] Changed welcome in CEM4 Home

#### 08/08/2012: 4.4.5 PRO

May require the automatic database conversion (4.3.x, 4.4.x)

- 0001221: [Setup] Changing setup alert "CEM4 is still running"
- 0001247: [Fix] Better progress bar refresh for copy and delete operations
- 0001246: [Performance] Better performances when cloning a single record - [DBFIX 23]
- 0001244: [Print report] Fixed picture order for Checklist and Assessments reports
- 0001245: [Feature] New command "Paste as text" into pop-up menu for the RTF fields
- 0001243: [GUI] Better UI for the report choice window
- 0001242: [Fix] Fixed index report with duplicated items
- 0001213: [Feature] Directives ATEX and PED added in the EC Declaration of Conformity - [DBFIX 22]
- 0000960: [Setup] Check if Crystal Report is installed before showing a report
- 0001239: [Rules] Update rules references for the ISO risk estimate

#### 20/07/2012: 4.4.4 PRO

- 0001238: [Fix] The fields "checklist", "Signature" and "Task" in the checklist property window not working
- 0001230: [Feature] New delete function for Risk Assessment cards
- 0001236: [Print report] Fixed selected checklist cards printing
- 0001237: [Fix] Full selection of RA requirements in the document window
- 0001233: [Fix] Wrong hazard icon in "Hazards Management"
- 0001234: [Fix] Fixed error when filtering cards in the Risk Assessment document window
- 0001225: [Fix] Wrong requirement icon in rules/checklists tree structure
- 0001057: [Fix] Fixed update/refresh bug for the fields of the Declarations' document window
- 0001105: [Fix] New function "Reset machinery" for Declarations and EC Markings
- 0001228: [Print report] Risk Assessment cover report changed

#### 02/07/2012: 4.4.3 PRO

- 0001216: [Fix] Annex IV list not correctly ordered
- 0001220: [Product documentation] Update software user manual
- 0001217: [Print report] EC Declaration of Conformity urgent fix
- 0001218: [Fix] EC Declaration of Conformity document window urgent fix

#### 29/06/2012: 4.4.2 PRO

- 0001176: [Feature] Database connection string export (client/server only)
- 0001211: [Fix] EC Marking process check before saving a partly-machinery
- 0001155: [Print report] Report error with hidden documents for "Summary" and "Separators"
- 0001214: [Fix] Hidden documents view error in Machinery Home, Technical File section
- 0001182: [Feature] Different default file name when saving reports in PDF and other formats
- 0001199: [Performance] Faster preview refresh when choosing directives in EC Declaration of Conformity
- 0001203: [Fix] Tree reload after importing rules and check-lists
- 0001187: [GUI, icons, label] Better icon for management window tab
- 0001204: [Feature] New section "Store" in the Home for Certifico ebooks available on the Apple Store (Italy only)
- 0001175: [Feature] New authentication preferences for LDAP connection
- 0001209: [Fix] New CEM4 Home available also for users with Internet Explorer 6 or lower.
- 0001205: [Print report] Changed EC Declaration of Conformity report text
- 0001192: [Feature] Added error message "Empty Report" if there aren't printable cards in the RA document
- 0001206: [Feature] New status bar panel with card counters for the RA document
- 0001200: [Print report] Fixed English localisation for EC Declaration of Conformity report
- 0001197: [Print report] Changed Italian localisation "Nazione" with "Stato" inside document windows

#### 25/05/2012: 4.4.1 PRO

- 0001183: [Fix] New download URL for auto update function
- 0000950: [Feature] File Sharing
- 0001177: [Feature] Removal Tool for directive comments (2006/42/CE, 2006/42/EC e 98/37/CE)

#### 05/04/2012: 4.4.0 PRO

- 0001161: [iBooks (epub)] Export of Technical File Documents into epub format
- 0001173: [Rules] Rules UNI EN 982 and UNI EN 983 old (updated)
- 0001174: [Fix] Odd behaviour for B & C Standard fields



- 0001172: [Rules] New links in CEM4 Home
- 0001167: [iBooks (epub)] Fixed picture export on epub pages
- 0001168: [iBooks (epub)] Fixed HTML entities problem on epub pages
- 0001166: [iBooks (epub)] Fixed long-title visualisation problem in epub covers
- 0001131: [GUI, icons, labels] Rotation over 19 splash screen on start-up
- 0001162: [Fix] Graceful shutdown
- 0001165: [Print report] Updated copyright year on some report

### 09/03/2012: 4.3.9 PRO

- 0001160: [Fix] Error while trying to export rules with CEM or XML file format
- 0001157: [Search engine] Updated the command text "Declaration of Manufacturer" inside the search context menu
- 0001084: [Localisation] Declarations translation with Microsoft Translator Service (33 languages supported)
- 0001156: [GUI, icons, labels] Tab icons slightly moved

### 01/03/2012: 4.3.8 PRO

May require the automatic database conversion (4.3.0, 4.3.1, 4.3.2, 4.3.4, 4.3.5, 4.3.6, 4.3.7)

- 0001138: [Fix] Automatic update sometimes did not start
- 0001145: [Feature] Requirements without titles - [DBFIX 21]
- 0001030: [GUI] The "X" tab closing buttons doesn't show (anymore)
- 0001153: [Fix] Insert pictures for requirements and disable context menu command for other RTF fields
- 0001151: [zz - Internal] February 29th activation error solved
- 0001147: [Fix] New Check Lists types
- 0001148: [GUI, icons, labels] Fix "Add" icon in management window
- 0001134: [Import/export] Rules export with new epub format
- 0000537: [Feature] Closing button on each document tab
- 0001043: [GUI, icons, labels] Windows outside screen width on 64bit systems
- 0001128: [Fix] Technical File's hidden folders management
- 0001142: [GUI: document window] New command "Open with..." for the TF embedded resources
- 0001037: [Feature] Editing functions inside the context menu of the RTF fields
- 0001139: [Fix] When closing the Database Panel, it was not possible to open it again without restarting the software

### 02/02/2012: 4.3.7 PRO

May require the automatic database conversion (4.3.0, 4.3.1, 4.3.2, 4.3.4, 4.3.5, 4.3.6)

- 0001125: [Feature] Check List Assessments - [DBFIX 18/19/20]
- 0001122: [Localisation] Localised "Requirement Framework" (english report)
- 0001130: [GUI, icons, labels] New icons (projects, machinery, line, TF, folder, others)
- 0001124: [Rules] New rule scope "Mechanical Safety"

## 2011

### 20/12/2011: 4.3.6 PRO

- 0001115: [Fix] Risk Assessment Cards status locked by default
- 0001116: [GUI, icons, labels] New colour theme "Certifico Grey"
- 0001098: [GUI, icons, labels] Graphical changes on activation reminder window
- 0001109: [GUI, icons, labels] Updated report previews for RA reports
- 0001114: [Print report] Page "Requirement Vista" and RQA index in the new Risk Assessment report
- 0001118: [Fix] Fixed uncaught exception raised while saving signs/hazards/requirements with tree structure too deep and code length too long
- 0000507: [GUI, icons, labels] Changed Wizard pictures
- 0001108: [Fix] Message print not allowed for AR cards with conformity not established

### 07/12/2011: 4.3.5 PRO

May require the automatic database conversion (4.0.x, 4.1.x, 4.2.x, 4.3.x)

- 0001099: [Print report] New report for the Risk Assessment
- 0001046: [Documentation] Credits updated in the about window
- 0000865: [Fix] Database tree not correctly updated with deleted nodes
- 0000854: [Fix] When adding new nodes into an empty FT folder, they weren't shown in the tree even after try to refresh
- 0000952: [Performance] Software hang up or crash while refreshing the database tree
- 0001023: [Performance] Reduced the loading time while changing between document windows
- 0001095: [Feature] Standard Type A, B, C now saved using three different fields - [DBFIX 17]
- 0001094: [Feature] Function "pictures embedded in RTF fields" removed
- 0001093: [Performance] Faster research for item stored into dictionary data types

### 28/10/2011: 4.3.4 PRO

- 0001083: [Localisation] Various localisation errors (5 notes fixed)



- 0001089: [Fix] Refreshing the header graphics of panels in RQA property window was not synchronous

**20/10/2011: 4.3.3 PRO**

May require the automatic database conversion (4.0.x, 4.1.x, 4.2.x, 4.3.x)

- 0001087: [Localisation] Various localisation errors (6 notes fixed)
- 0001086: [Localisation] Localised default folders for the Technical File - [DBFIX 16]

**14/10/2011: 4.3.2 PRO**

- 0001076: [Localisation] Various localisation errors (8 notes fixed)
- 0001078: [Fix] Formula error for export/print hazards or signs in Italian

**07/10/2011: 4.3.1 PRO**

- 0001063: [Localisation] Various localisation errors (8 notes fixed)
- 0001075: [Fix] End date document printed on the RA cover was wrong
- 0001066: [Print report] Unrequested brackets in RA/DC/DF/DI print reports
- 0001072: [Print report] RA print report fully translated
- 0001065: [Localisation] RQA Property window: English localisation errors fixed
- 0001069: [Print report] Edited side label for RA print report
- 0001074: [GUI: document window] Declarations' RTF Preview now in 5 languages
- 0001067: [Fix] RQA Property window: fixed link "add picture" not working
- 0001064: [GUI] Machinery property window, tab "certification process": table visualisation error
- 0001058: [Setup] The language chosen for the setup now changes the default software language

**30/09/2011: 4.3.0 PRO**

May require the automatic database conversion (4.0.x, 4.1.x, 4.2.x)

- 0000598: [Localisation] GUI localised in English - [DBFIX 13/14/15]
- 0001059: [LICENCE] EULA changes: Certifico reference contacts
- 0001061: [Fix] Wrong logged username displayed in the status bar

**La Versione EN è sviluppata da Rel. 4.3.0 del 30.09.2011**

