

Release notes 2016

# Corsa, MyCorsa and MyCorsa NxT



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# News

## Different format for update notes

As you know from the end of 2015 updates of the current release (UCR) can contain new functionality. Therefore we will add an extra description to the update notes describing the theme of the update. We will also communicate how this new functionality will affect the workflow of your users.

## Update current release April 2016

No new functionality was added in the April 2016 UCR.

## Update current release March 2016

This update current release concerns new functionality in MyCorsa NxT: Modify Case customer and Digital signature (with CoSign). Also the functionality of tab Documents of the Case process window has been expanded.

## Update current release February 2016

This UCR brings the **Removal** (address change) function for persons and organisations and the possibility to manage the **lay-out of variable tables** in workflow steps in a simpler way.

## Update current release January 2016

This UCR some much-asked-for functionality saw the light in MyCorsa NxT. **Permits** have been added. Users can add permits to objects in order to allow colleagues to view these objects even though they are not allowed because of confidentiality. One can determine how long access is granted. Permits can also be changed and deleted.

Users can now also create **Meetings** for organs, add agenda items and link documents.

## Update current release December 2015

The theme for this UCR is **email registration in MyCorsa NxT**. The premise being that a user can quickly and simply register emails. To achieve this we use as many predefined settings as possible. The fields in the registration window can be prefilled and in the ideal case the user will only have to click twice; 'Save in MyCorsa NxT' and 'OK'.

Furthermore the user will have much more control over what has to be registered. He or she can choose to register one email, more than one email, with or without attachment, or only attachments. It is also possible to open the registrations in MyCorsa NxT immediately. The user can see the result and add meta data if needed.

Please mind: The email registration functionality that we know from MyCorsa will be matched by 90% and even improved with this new email registration functionality in MyCorsa NxT. However writing back meta data to the subject of the email in Outlook is not possible yet. This will be provided in a later UCR.

Also the option has been added to MyCorsa NxT to register outgoing email (sent from MyCorsa NxT) automatically. Also from each object multiple documents can be emailed.

## Setting up email registration

In order to set up email registration in MyCorsa NxT a new interface has been created for the application manager in window **Configuration settings** in Corsa. (System | Installation | Programs, std/w-vconfig.r). The settings are presented in conjunction, no need to change a lot of different parameters.



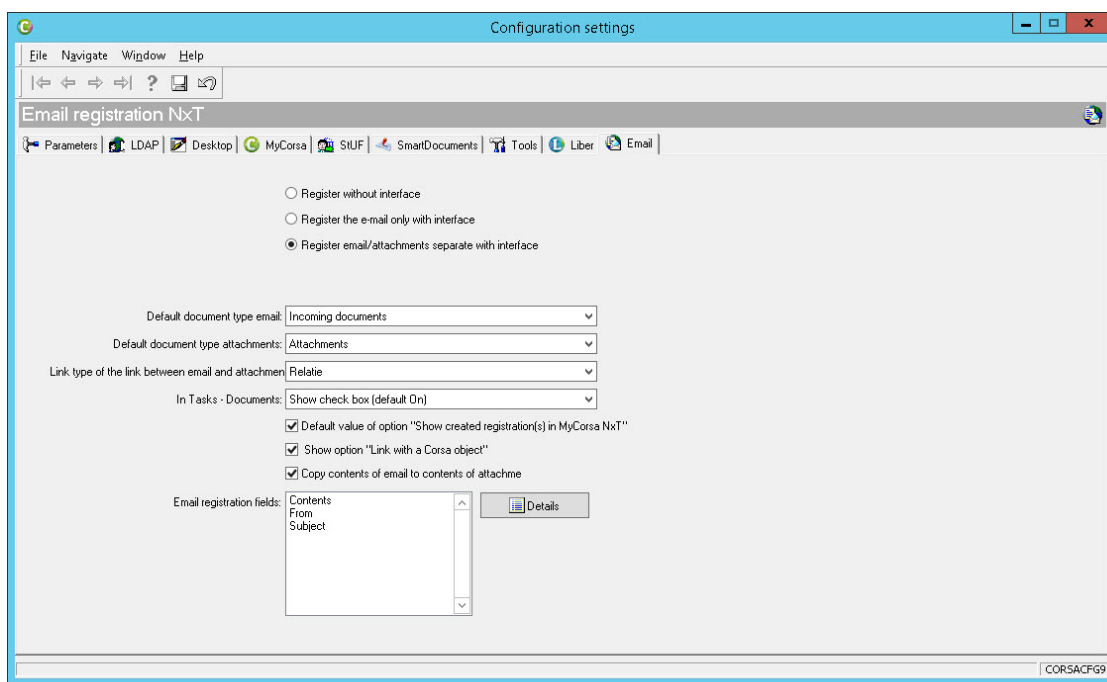
The application manager can set up that:

- Emails are registered without an user interface
- Register only email, but with a user interface
- Register email and/or attachments separately, with a user interface

The setting that the application manager chooses applies to the whole organization.

Per setting the application manager can furthermore determine:

- Which object type is to be used for registering emails
- Which object type is to be used for registering attachments
- Which relation is to be used for linking attachments to emails
- Whether the email registrations should be placed in Tasks - Documents
- Whether the contents of the email should also be copied to the contents field of the linked attachments
- Field mapping of email fields to MyCorsa NxT fields
- When registering with interface the application manager can set the option to also directly link the email registrations to another Corsa object, like a folder or a case.



*Example of the Configuration settings, option Register emails/attachments separate with user interface*



Register email

Email type: Incoming documents  
Attachments type: Attachments

Email	Attachments	Registration
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Digital facturation November
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Setup Sittard office
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Application to vacancy product consultant IM - Jones
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pantry first floor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Digital facturation October
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Application to vacancy product consultant IM - Moore
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Application to vacancy product consultant IM - Bond
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Application to vacancy product consultant IM - Moneypenny

☒ Show created registration(s) in MyCorsa NxT  
☒ Insert created registration(s) in Tasks - Documents  
☐ Link with a Corsa object

Register Cancel

*Example of email registration in MyCorsa NxT, option Register emails/attachments separate with user interface*

As we have informed you earlier new functionality is going to be added to update of the current release. This can come as a surprise for users if they haven't been informed beforehand. This will surely apply to the improved email registration functionality. So please inform your users well and in due time. Your consultant can assist you with the installation and settings of the new functionality.



# Release notes

You can find a copy of BCT's release policy on the BCT [Service Portal](#).


To be able to read this message you need to log in. In case you haven't received any login information yet you can call or email our Servicedesk to request a login.

The functional and technical release notes of 2016 can also be downloaded in a PDF file for easy printing. If you want to receive the release notes of an earlier release in PDF, [please let us know](#).


## 2016

The release notes for the 2016 release.

### Functional details

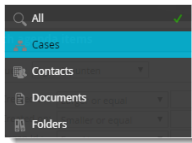
Improved	Case	Formula <b>CustomerMod()</b> has been expanded with two extra (optional) parameters <b>3 - Recursive</b> (Change customer recursively) and <b>4 - Control</b> (Check validity of customer). (update UCR April 2016) <small>*HD.041809</small>
Usability	Case	With the September 2014 UCR for releases 2012-4, 2013-4 and 2014 the formulas <b>EmailSMTP()</b> and <b>EmailSMTP2()</b> were changed so that the specified file name was used when sending the document as attachment. (A temporary file name would be used before that.)  For organisations that prefer the document ID as file name you can now use option <b>AttachmentNameIsObjectId=True</b> for parameter parameter <b>8 - Options</b> of formula <b>EmailSMTP2()</b> . <b>Please mind:</b> Only possible with formula <b>EmailSMTP2()</b> (update UCR April 2016) <small>*HD.041984</small>
New	Case	Button <b>Save and close</b> is now also available on the Case Process window (of parameter csbehwin=yes).
Improved	Case MyCorsa MyCorsa NxT	As a result of an incorrect reference in the <b>Process window</b> cases would not start/continue any more. ("** No b-obj_s-rg record is available.") (update UCR April 2016) <small>*HD.041936</small>
Improved	Case	During  <b>Import</b> of a case-procedure the defined <b>Variable table statuses</b> would not be imported yet if option <input checked="" type="checkbox"/> <b>Overwrite</b> had been checked. (update UCR April 2016) <small>*HD.041951</small>



Bugfix	Case	<p>When processing a case with a lot of tasks in the Workflow viewer and repeatedly opening and closing tasks, the window could get corrupted. Corsa would have to be closed using the Task Manager. This has been fixed now.</p> <p>("Error occurred while accessing component property/method: Imagelist (5890)")</p> <p>(update UCR April 2016)</p> <p>* <a href="#">HD.041834</a></p>
Improved	Case	<p>Of references that had been set up as a Radiobutton (☑), and that had <b>Reference values</b> with <b>Reference value descriptions</b> the description would not be displayed any more the Process window when executing the case.</p> <p>(update UCR April 2016)</p> <p>* <a href="#">HD.041718</a></p>
New	Corsa MyCorsa MyCorsa NxT	<p>As of this release Corsa MyCorsa and MyCorsa NxT now also support the new Office 2016 versions of Microsoft Outlook, Word and Excel.</p>
Improved	Mail	<p>When sending an email with attachments an error occurred if the name of the file contained any special characters like ä, ë or ö.</p> <p>("MAPI_ATTACHMENTS_OPEN_FAILURE:11")</p> <p>(update UCR April 2016)</p> <p>* <a href="#">HD.041886</a></p>
Improved	MyCorsa	<p>It proved inadvertently possible to paste text in a protected memo field or memo reference field.</p> <p>(update UCR April 2016)</p> <p>* <a href="#">HD.041949</a>, <a href="#">HD.040835</a></p>
Improved	MyCorsa	<p>When selecting an employee of a role for the <b>Absence assistant</b> all employees would inadvertently be displayed, not only the ones belonging to that role.</p> <p>(update UCR April 2016)</p> <p>*</p>
Usability	MyCorsa NxT	<p>In MyCorsa NxT if a user opens a document in order to change it the document is checked out in the background. This means that the document cannot be changed by a second user. Also the second user is presented with the 'old' version until the first user saves his changes and checks the document back in.</p> <p>A checked out document in the search results of extensive search and of Enterprise Search will from now on be made visual with .</p> <div data-bbox="561 1700 1318 1859" data-label="Image"> </div> <p>To enable this the Enterprise Search database has to be re-indexed for documents that are checked out at the moment of installation of this release.</p>



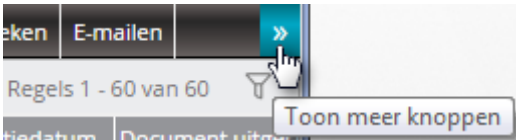


		<p>The check out and check in behaviour was previously regulated by parameters <b>wz_chkinbehav</b> and <b>wz_chkoutbehav</b>. These have now been <b>removed</b>. Their functionality has been replaced with separate functions <b>Show original file</b> [W_OBJ*_SCANT] and <b>Modify original file</b> [W_OBJ*_SCANN].</p> <p><b>Please mind:</b> With MyCorsa NxT it is not possible to retrieve or remember the file location where a document has been downloaded when checking out. Therefore it is not possible to 'jump' to the actual download location when checking in the document. Users will have to choose a fixed directory for this themselves.</p> <p>*</p>
New	MyCorsa NxT	<p>Option <b>Merge</b> is now also available in the result window of <b>Agenda items</b>. [W_OBJJA_FORM] can be used for a single agenda item whereas [W_OBJJA_CFORM] is available for merging multiple agenda items.</p> <p>*</p>
New	MyCorsa NxT	<p>Menu option <b>Modify native file</b> [W_OBJJA_SCANN] is now also available for a selected <b>Agenda item</b> of a <b>meeting</b>.</p> <p>*</p>
New	MyCorsa NxT	<p>The new upload component lets you upload multiple and larger files at once.</p>
Improved	MyCorsa NxT	<p>After creating a new document as case starter the first task would not present itself correctly. (update UCR April 2016) *HD.041745</p>
Improved	MyCorsa NxT	<p>When using browser Google Chrome the <b>Workflow viewer</b> would inadvertently not be displayed. (update UCR April 2016) *HD.041981</p>
Improved	MyCorsa NxT	<p>When <b>merging a variable table</b> to <b>Word</b> the data would not be exported to the Word document yet. This has been fixed now. (update UCR April 2016) *HD.041939</p>
Usability	MyCorsa NxT Enterprise Search	<div>  <p>Options Cases (Documents) and Folders (Documents) and the so called grouping functionality have expired. Now less related information of cases and folders is indexed for each document. This way we were able to improve the performance and scalability of large amounts of data.</p> <p>A one-time re-index is required.</p> </div>
Security	Taakservice Webservice	<p>The Task service and the Web service are now FIPS compliant (= default security format of the American government).</p>




New	Vartab	<p>If you previously used variable tables in multiple steps of a workflow, you had to define the variable table in the lay-out window of every step. Now the possibility has been added to work with statuses. A status is determined by an attribute that you assign to a step. For each status, you can define the layout of the variable table.</p> <p>Example: 3 steps in a workflow are handled by the budget holder and four steps are handled by the financial administration. By using the statuses 'budget' and 'financial administration', you only need two layouts for the variable tables on these seven steps. You can decide yourself how you want to apply these statuses.</p> <p>To allow for this new functionality, functions <b>Status Layout</b> [VARLAY] and <b>Status properties</b> [VARPROP] were added for a variable table, in combination with the new parameter <b>vartabstat_id</b> for naming the reference that contains the status of a variable table. That reference should have option <b>Control</b> checked and 'Reference values' should be selected in field <b>Selection</b>. (update UCR February 2016) <i>*CRS-221</i></p>
Improved	Arch Post	<p>A CMIS-document could not be removed from a folder yet. (update 30-05-2016, UCR May 2016) <i>*HD.041753</i></p>
Improved	Export	<p>From now on UTF-8 control characters and non-permitted non-characters are filtered out during XML export in order to prevent non-legible or corrupt XML files. (update 30-05-2016, UCR May 2016) <i>*HD.041737</i></p>
Improved	Merge	<p>From now on fields in a dataset for <b>Merge</b> should be used following these guidelines:</p> <ul style="list-style-type: none"> <li>- maximum length is 38 (letter)character,</li> <li>- first character cannot be a number,</li> <li>- only letters, numbers and an underscore (_) are allowed.</li> </ul> <p>(update 30-05-2016, UCR May 2016) <i>*HD.041139</i></p>
Improved	MyCorsa	<p>If a linked reference with linked references was on the registration window then the linked reference window would inadvertently be displayed twice. (update 30-05-2016, UCR May 2016) <i>*CRT-19</i></p>
Improved	MyCorsa	<p>The selection window for Employees on the <b>Affairtype window</b> would inadvertently show all employees in stead of only Employee of Organisation or Employee of Role. (update 30-05-2016, UCR May 2016) <i>*HD.042009</i></p>

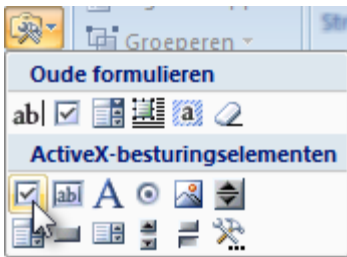
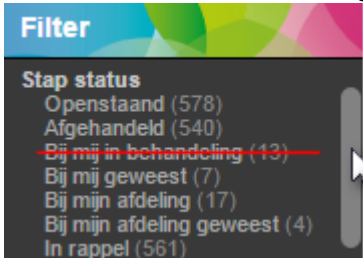


New	MyCorsa	Now column totals can be automatically calculated in <b>Variable tables</b> . (update 30-05-2016, UCR May 2016)
New	MyCorsa	Columns can now also be changed in window <b>Obligations</b> (of formula <b>InvOrderMatching()</b> ). (update 30-05-2016, UCR May 2016)
Improved	MyCorsa NxT	Users can still send e-mails from completed cases, but these emails will not be linked top the case anymore. MyCorsa NxT will display the following message: "The email was not registered and not linked to case '@' because it is already completed." (update 30-05-2016, UCR May 2016) *HD.041903
Improved	MyCorsa NxT	An <b>Agenda item</b> of a meeting would not show any linked data on the tile. (update 30-05-2016, UCR May 2016) *CRT-123
Improved	MyCorsa NxT Xential	(In combination with Xential) a Reaction document would not be saved as a new registration but as a version of the source document. Now it is saved as a new document and transferred to Xential in XML format. (update 30-05-2016, UCR May 2016) *HD.042025
New	MyCorsa NxT	You can now also add .bmp <b>images</b> to registration and process windows in MyCorsa NxT. However .jpg- / .png-files are preferred. Please mind that iPads do not display .bmp images. (update 30-05-2016, UCR May 2016) *CRT-116
Usability	MyCorsa NxT	If there is not enough room to display all buttons in a results window the option <b>Show more buttons</b> is shown on the toolbar.  Clicking on Show more buttons displays the remaining options. (update 30-05-2016, UCR May 2016)
Usability	MyCorsa NxT	Clicking on the + in the first column of the result window of Tasks - Employee opens a document (that is linked to that workflow step) in the viewer on the right hand side of the window. Only the first 20 linked documents would be displayed. Now the maximum number of documents has been changed to 10.000. You can peruse the list using the vertical scrollbar. (update 30-05-2016, UCR May 2016) *HD.042016


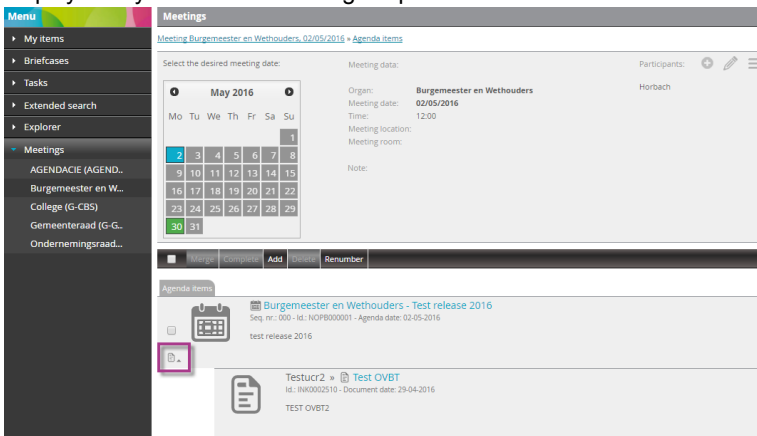







Improved	Case Invoice	<p>If a <b>variable table</b> was of an object type other than case a user could not scroll horizontally in that table in window  <b>Case information</b>. (update 27-06-2016, UCR June 2016) *HD.042044</p>
New	Case	<p>You can now choose to clean up a single case id by using field <input checked="" type="checkbox"/> <b>By Case id</b>. in window <b>Clean up cases</b>. (update 27-06-2016, UCR June 2016)</p>
New	Case Invoice	<p>New case formulas <b>InvOrderAutoMatching2()</b> and <b>VarGetColumnIds()</b>. (update 27-06-2016, UCR June 2016)</p>
New	DS	<p>In the <b>Plug-ins</b> settings of <b>DSOCR</b> in the Corsa Management Console there is a new setting in section <b>Extra Service</b>: option <input checked="" type="checkbox"/> <b>Pick up actions from normal OCR Work Queue when idle</b>. (update 27-06-2016, UCR June 2016)</p>
Bugfix	Link	<p>Of a <b>Link with Word</b> with link type <b>Insert in Word document</b>, using a bookmark for Corsa field 'Author', the contents of said field would be replaced with the contents of field 'Form of address'. This has been fixed now. (update 27-06-2016, UCR June 2016) *HD.042032</p>
New	Koppeling MyCorsa	<p>The new Office Add-in (31-05-2016) now also complies with the FIPS standard (Federal Information Processing Standards (USA)). (update 27-06-2016, UCR June 2016) *CRS-754</p>
Bugfix	MyCorsa Word	<p>After entering data (subject, addressee, ...) in a Word template and saving the document to MyCorsa this data is transferred to the document registration. Furthermore the document id is transferred back to the Word document. If a new document was created during the same Word session then the data entered for this next document would not be transferred to MyCorsa any more. This has been fixed now. (update 27-06-2016, UCR June 2016) *CRS-652, HD.041887</p>
Improved	MyCorsa	<p>The selection window for Employees on the <b>Affair type window</b> would inadvertently show all employees in stead of only Employee of Organisation or Employee of Role. (update 27-06-2016, UCR June 2016) *HD.042009</p>






Improved	MyCorsa NxT Word 2007	 <p>If in Word 2007 on tab <b>Developers</b> a form was created containing an ActiveX element like a checkbox, then this element would inadvertently be interpreted as an extra image when <b>Saving in MyCorsa NxT</b>.</p> <p>(update 27-06-2016, UCR June 2016) *HD.041862</p>
Improved	MyCorsa NxT	<p>The formulas <b>SetWordBookMark()</b> and <b>SetWordBookMark2()</b> would show an error message if the BookmarkValue contained special (diacritical) characters.</p> <p>(update 27-06-2016, UCR June 2016) *HD.042049</p>
New	MyCorsa NxT	<p>The new Office Add-in (Version 7.134.7600.0) now also complies with the FIPS standard (Federal Information Processing Standards (USA)).</p> <p>(update 27-06-2016, UCR June 2016)</p>
Bugfix	MyCorsa NxT	<p>When a case is started from a document registration, values of document references can be transferred to case references. If one of the references contained a choice of e.g. 3 values, then something went wrong when transferring the values. Not the selected value was transferred, but the alphabetical first value of the 3. This has been fixed now.</p> <p>(update 27-06-2016, UCR June 2016) *CRS-767</p>
Usability	MyCorsa NxT	<p>The result of <b>Tasks - Employee</b> and that of Enterprise Search (ES) of cases with filter 'With me for processing'* of facet Step status could differ because:</p> <ul style="list-style-type: none"> <li>ES show cases; tasks show steps. A case in the tasks could therefore be displayed more than once.</li> <li>ES is not real time. The data have to be processed first 'under water'.</li> </ul> <p>Therefore filter 'With me for processing' has no added value and will not be used from now on.</p> <p>* In German: In meiner Bearbeitung</p>  <p>(update 27-06-2016, UCR June 2016) *CRS-590</p>



New	MyCorsa NxT	<p>Browser windows in MyCorsa NxT now also support .bmp images. However .jpg / .png files are preferred. Please mind that iPads do not display .bmp images. (update 27-06-2016, UCR June 2016)</p> <p>*CRS-778</p>
Improved	MyCorsa NxT	<p>In the window of formula <b>InvOrderMatching()</b> the description columns of the <b>Obligation rules</b> inadvertently lacked content. (update 27-06-2016, UCR June 2016)</p> <p>*HD.042047</p>
Bugfix	MyCorsa NxT	<p>In tab <b>Documents</b> of the case <b>Process</b> window the check boxes for displaying <input checked="" type="checkbox"/> <b>Linked documents</b> and/or <b>Documents of related cases</b> (of update March 2016 for release 2015-1) would inadvertently not be displayed any more. (update 27-06-2016, UCR June 2016)</p> <p>*CRS-763</p>
Bugfix	MyCorsa NxT	<p>Button  <b>Show linked documents of Agenda item</b> would not be displayed any more in the Meetings explorer.</p>  <p><i>Click to expand/collapse</i></p> <p>(update 27-06-2016, UCR June 2016)</p> <p>*CRS-753</p>
New	MyCorsa NxT	<p>Excel and Outlook in Office 2016 are now also supported with the new Office Add-in (version 7.134.7400.0). (update 27-06-2016, UCR June 2016)</p>
Bugfix	MyCorsa NxT	<p>After adding a relation in tab <b>Contacts</b> (for a document), <b>Persons</b> or <b>Organisations</b> (for a folder) and returning to the Basic data tab, no data would be displayed any more. A user would have to refresh the window in order to solve the issue. This has been fixed now. (update 27-06-2016, UCR June 2016)</p> <p>*CRS-747</p>


Improved	MyCorsa NxT	<p><b>Navigatie</b>  You can hide the <b>Navigation pane</b> of a detail window with a click of the mouse. This gives you more space for the details in question.</p> <p>If the Navigation pane is collapsed MyCorsa NxT shows  in the upper left-hand corner. This button would not be displayed correctly in Internet Explorer if the TDS viewer was also placed on the left side of the registration window.</p> <p>Therefore button  has been moved to the title bar.</p> <p>  </p> <p>(update 27-06-2016, UCR June 2016)  *HD.042051</p>
Improved	MyCorsa NxT	<p>New facets are available for filtering cases that you have searched for using Enterprise Search. Facets <b>Affair type</b> and <b>Affair/Case status</b> are available if you have a licence for Corsa/Affair system.</p> <p>Facet <b>Case procedure</b> is available if you have a licence for Corsa/Case. Facet <b>Case status</b> will not be displayed any more.</p> <p>(update 27-06-2016, UCR June 2016)  *CRS-589</p>
Improved	Webservice	<p>Some extra validations have been built into the methods <b>CreateFileVersion2</b>, <b>AppendChunk</b> and <b>AppendChunk2</b>.</p> <p>(update 27-06-2016, UCR June 2016)  *HD.041912, ZD#17825</p>
New	E-depot	<p>Only for Dutch customers.</p> <ul style="list-style-type: none"> <li>New parameters <b>edpdsC</b>, <b>edpdsCview</b>, <b>edpdsD</b>, <b>edpdsS</b>, <b>edplnd</b> en <b>edporg</b> for module Corsa/E-depot.</li> <li>Button  <b>Transfer</b> [XMLED] is now available in window <b>Request folders</b> [ONTD] in Corsa for transferring selected folders to the E-depot with TMLO (Toepassingsprofiel Metadatering Lokale Overheid) in ToPX format (Toepassingsprofiel XML).</li> </ul> <p>(update 01-08-2016, UCR July 2016)  *CRS-90, PG25635</p>
New	E-depot Post	<p>Fields <b>edepot_id</b> (Unique transfer field) (=Country code-Organisation code-Object code), <b>hashcode_type</b> (Hashcode type) and <b>hashcode_value</b> (Hashcode value) are now available for <b>Datasets</b> of object kind 'document' in combination with module <b>Corsa/E-depot</b></p> <p>(update 01-08-2016, UCR July 2016)  *CRS-906</p>



New	MyCorsa	<p>If the <b>TDSViewer</b> had been used on a registration window for showing the basic data in the  <b>Customer information</b> window, than no image would be displayed. This has never worked properly, but it has been fixed now.</p> <p>(update 01-08-2016, UCR July 2016)</p> <p>*CRS-843, HD.042054</p>
Improved	MyCorsa	<p>After entering an invalid document type on tab <b>Document types</b> of a document error 'Cannot focus a disabled or invisible window.' would be displayed.</p> <p>(update 01-08-2016, UCR July 2016)</p> <p>*CRS-840</p>
Improved	MyCorsa	<p>After entering data (subject, addressee, ...) in a Word template this data is transferred to a new document registration automatically when using <b>Save in MyCorsa</b> and the document id is transferred back to the Word document.</p> <p>In some cases in Office versions that work with ODMA (up until Office 2010) bookmarks would not be filled properly if files in Word were saved multiple times in one session in MyCorsa.</p> <p>(update 01-08-2016, UCR July 2016)</p> <p>*CRS-652, HD.041887</p>
Improved	MyCorsa	<p>On tab <b>Cases</b> of the  <b>Customer information</b> window a "4GL STOP condition" message would be displayed when using  <b>Refresh</b> if the <b>Basic data</b> window was active.</p> <p>(update 01-08-2016, UCR July 2016)</p> <p>*CRS-842</p>
Improved	MyCorsa	<p>Sometimes strange characters could occur in bookmark values when registering documents from Word without a registration window.</p> <p>(update 01-08-2016, UCR July 2016)</p> <p>*CRS-972</p>
Improved	MyCorsa MyCorsa NxT	<p>With the Corsa VSTO Office plugin enabled it was not possible to <b>save</b> a document that had been opened from SharePoint 2010 <b>back into SharePoint</b>.</p> <p>(update 01-08-2016, UCR July 2016)</p> <p>*CRS-54, HD.040935, HD.042028, PG22471, ZD#8899, ZD#18620</p>
Usability	MyCorsa NxT	<p>Changes to column widths in <b>Tasks – Documents</b> with <b>Status</b> 'Copies' will from now on also be saved for reuse in your user settings.</p> <p>(update 01-08-2016, UCR July 2016)</p> <p>*CRS-848, ZD#19881</p>





Usability	MyCorsa NxT	<p>From now on when clicking on button  <b>Google Maps</b> in the <b>Explorer</b> on the details tile of <b>Persons</b> or <b>Organisations</b> the correspondence address will be shown by default. If there is no correspondence address the home address (person) or residence address (organisation) will be shown. (update 01-08-2016, UCR July 2016) *HD.042059</p>
Usability	MyCorsa NxT	<p>From now on a check mark will be placed column DMS in Outlook again after saving (a selection of) emails from Outlook in MyCorsa NxT, indicating that the emails have been registered. (update 01-08-2016, UCR July 2016) *CRS-1007, HD.041969</p>
Usability	MyCorsa NxT	<p>Before, fields that were defined for <b>Link with Word</b> (for bookmarks and document properties) were case sensitive. This is not the case any more. (update 01-08-2016, UCR July 2016) *CRS-917</p>
Improved	MyCorsa NxT	<p>When adding items to the <b>Explorer</b> or to <b>Meetings</b> they would not be shown immediately (the meta panel would not be refreshed automatically). (update 01-08-2016, UCR July 2016) *CRS-822</p>
Improved	MyCorsa NxT	<p><b>Bookmark</b> fields of a Word document can now be transferred to the <b>Manual addressee</b> fields velden of the registration window of a document. (update 01-08-2016, UCR July 2016) *CRS-916</p>
Improved	MyCorsa NxT	<p>It proved not possible to view the details of objects with a '&amp;' in the (document) id. (update 01-08-2016, UCR July 2016) *CRS-849</p>
Improved	MyCorsa NxT	<p>It could occur that a case step could not be completed if the Process window contained a variable table of a different object type. ("** The character ; is not permitted in name (274) ") (update 01-08-2016, UCR July 2016) *HD.042001</p>
Improved	MyCorsa NxT	<p>The following fields can now be used as facet filters in Enterprise Search: <b>Document:</b> Subject, Registration date, Date completed <b>Dossier:</b> Phase, Openingsdatum, Sluitingsdatum <b>Zaak:</b> Administrator, Responsible, Start date, Date completed, Deadline (update 01-08-2016, UCR July 2016)</p>



		*CRS-591
Improved	MyCorsa NxT	Variable tables would inadvertently by default be sorted ascending by the first column. From now on such a table will be sorted according to the saved settings just like in Corsa and MyCorsa.. A user can change the sorting order by clicking on a column header. (update 01-08-2016, UCR July 2016) *HD.041988
Improved	MyCorsa NxT	<b>Linked references</b> of object type 'Document' would not be displayed (properly) in the <b>Basic data</b> of a document. (update 01-08-2016, UCR July 2016) *CRS-773
Usability	Arch	If the <b>Planned date</b> of an <b>Action</b> of a <b>Folder</b> has been reached or exceeded then the folder would be automatically put in <b>[View mode]</b> . From now on <b>[View mode]</b> is activated if the <b>Completion date</b> for the action has been entered and it has passed. (update 29-07-2016, UCR August 2016) *CRS-900
Improved	DS TDSView	Sometimes things would go wrong in the <b>TDSViewer</b> when showing some PDF file formats <ul style="list-style-type: none"> <li>• an error would be displayed ("LoadFromFile:Not Supported FileName: &lt;UNC-pad&gt;&gt;&lt;file name&gt;").</li> <li>• only the layout but no text would be displayed.</li> </ul> (update 29-07-2016, UCR August 2016) *CRS-1037, CRS-1053
New	MyCorsa NxT	In order to call a URL you can now define an application in a system step in a workflow. (update 29-07-2016, UCR August 2016) *CRS-1055
Improved	MyCorsa NxT	Reference <b>ovbdat</b> would inadvertently not be given a (date) value when creating an acknowledgement of receipt. (Acknowledgement of receipt sent on:). (update 29-07-2016, UCR August 2016) *CRS-978, ZD#20355

## Technical details

The technical release notes for 2016.

### General

tg1.	In this release, the version on the splash screen for Corsa MyCorsa and MyCorsa NxT is 2016. This Long Term (LT) release is supported by BCT for a maximum of three years.
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tg2. This release contains **database changes** with respect to the 2015-1 release and earlier. The changes apply to the Corsa database and the Audit database. For ETL, there are no database changes.

Information about the number of tables and indexes of the various databases for this release:

Corsa database	Tables	Indexes
Progress OpenEdge	<b>385</b> (previously 375)	<b>1176</b> (previously 1125)
Oracle	<b>385</b> (previously 375)	<b>1563</b> (previously 1501)
Microsoft SQL Server	<b>385</b> (previously 375)	<b>1561</b> (previously 1500)

Audit database	Tables	Indexes
Progress OpenEdge	<b>404</b> (previously 394)	<b>1200</b> (previously 1170)
Oracle	<b>404</b> (previously 394)	<b>1606</b> (previously 1565)
Microsoft SQL Server	<b>404</b> (previously 394)	<b>1604</b> (previously 1564)

ETL database	Tables	Indexes
Progress OpenEdge	<b>3</b> (no change)	<b>6</b> (no change)
Oracle	<b>3</b> (no change)	<b>9</b> (no change)
Microsoft SQL Server	<b>3</b> (no change)	<b>9</b> (no change)

'No change' means as compared to the Corsa 2015-1 release.

**Please mind:** there are additional conditions to consider regarding database related matters when upgrading to the Corsa 2016 release. You can find more information below.

tg3. With the Corsa 2016 release the transition from OpenEdge 10.2B (32-bit) to Progress OpenEdge 11.6 Service Pack 1 (32-bit) has been implemented. It is a technological upgrade of the underlying platform of Corsa. This way BCT is following the new developments of Progress OpenEdge and is thus prepared for the future.

Please read and use the relevant installation instructions when installing OpenEdge 11 database, AppServer and WebSpeed. Some things concerning installation and configuration have changed compared to OpenEdge 10.

tg4. Prior to carrying out the 2016 database upgrade it is necessary to run a **pre-conversion program** on the existing Corsa database. This program checks for any corrupt records in the database and deletes them. The following applies to the three supported database platforms:

- **Progress:** the pre-conversion program will be executed automatically during the automatic database upgrade.
- **Oracle:** the pre-conversion program needs to be run manually in an existing Corsa environment before executing the database upgrade.
- **Microsoft SQL Server:** the pre-conversion program needs to be run manually in an existing Corsa environment before executing the database upgrade.

The pre-conversion program is released in two ways:

**Variant 1:** The program is included in the PL-files of the UCR of June 2016 (UCR 06 - 2016) and more recent, for the 2013-4, 2014, 2014-2 and 2015-1 release.



**Variant 2:** The program is released separately (pre\_conv\_hand\_p10.r) so that it can be run manually if the PL-files of UCR 05 - 2016 (or more recent) are not present.

**Variant 1:** Instruction for running pre-conversion program:

- Log in with user 'system' in Corsa
- Go to 'System' | 'Installation' | 'Programs'
- Uncheck option 'Defined programs'
- **Enter the following line:** std/upgrade/preconv/pre\_conv\_hand.r
- Click on 'OK'
- Click on 'Yes' or 'Ja' when asked 'Start pre-conversion?'
- Afterwards a dialogue is shown: 'Pre-conversion has finished'. Click on 'OK'.

**Variant 2:** Instruction for running pre-conversion program:

- Log in with user 'system' in Corsa
- Go to 'System' | 'Installation' | 'Programs'
- Uncheck option 'Defined programs'
- Browse to the location where the pre-conversion program was placed and select '**pre\_conv\_hand\_p10.r**' and click on 'Open'
- Click on 'OK'
- Click on 'Yes' or 'Ja' when asked 'Start pre-conversion?'
- Afterwards a dialogue is shown: 'Pre-conversion has finished'. Click on 'OK'.

The log file bct\_upgrade.log show the total time it took to run the pre conversion program:  
(you can find this in %TEMP% of the user that started the Corsa session)

```
=====
End update PRE-CONVERT
Elapsed time : 00:02:23
=====
```

**No mutations** should be made in the database after running the pre-conversion program until the Corsa 2016 release has been installed and taken into use.

Some remarks:

- The pre-conversion program is the same for all supported database platforms.
- The pre-conversion program can be used for all Corsa releases that are based on Progress OpenEdge 10.
- The pre-conversion program can be run while users are active in Corsa, MyCorsa or MyCorsa NxT. However we advise to run the program without any users active, so that the chance of any new corrupt records occurring is very small.
- The pre-conversion program can be run multiple times.
- The lead time of the pre-conversion program depends on the total number of records in all tables.

tg5. When upgrading Corsa an extra action needs to be done for the **Progress OpenEdge database platform**. The database structure needs to be converted to **OpenEdge 11**. This conversion can be run by executing the 'db\_convert\_to\_oe11\_<dbname>.cmd' script that you can find in folder 'bct\data\db\_files' of the new directory structure (see tg6).

This script will do the following:



	<ul style="list-style-type: none"> <li>• A 'repair' and a 'truncate' of the existing database against Progress OpenEdge 10 by using the Progress OpenEdge 10 tools that come included</li> <li>• A conversion of the database to the OpenEdge 11 format</li> </ul>
tg6.	<p>The <b>default directory structure</b> that BCT uses has been <b>changed</b>. The most important changes concern:</p> <ul style="list-style-type: none"> <li>• References to production (prod) and test (test) environments have been removed out of names and contents of the files.</li> <li>• There are no longer separate files for production and test environments.</li> <li>• Version numbers and figures in general have been removed from the names of the client and server software folders.</li> <li>• The DLC Environment Variable has been added to several .cmd files in connection with OpenEdge 11 compatibility.</li> <li>• Changed registry files (.reg file) for the making of the ODBC connection to the Corsa database in the case of a Microsoft SQL Server database platform</li> </ul> <p>Because of these changes the use of the new directory structure is mandatory when installing the Corsa 2016 release. We advice you to make a backup of the old directorystructuur when upgrading.</p>
tg7.	<p>When using the Corsa 2016 release the following components (when applicable) need to be installed or upgraded to the right version:</p> <ul style="list-style-type: none"> <li>• Corsa 7.2 Web Service version 7.2.161.1 / 062</li> <li>• Corsa 7.2 StUF-BG 2.04 Web Service version 2.04.1604 / 030</li> <li>• Corsa 7.2 BBC Schaubroeck Web Service version 7.20.161.1</li> <li>• Corsa/TaskService version 7.20.1603.1</li> <li>• Corsa/Enterprise Search (see also tg8) <ul style="list-style-type: none"> <li>◦ BCT Message Broker (BCT BerichtenCentrale or BCE) MSI 2.0.2</li> <li>◦ Corsa/Enterprise Search deployment for the BCT Message Broker (BCT BerichtenCentrale or BCE) 2.0.9</li> <li>◦ Corsa/Solr MSI 2.0.3</li> </ul> </li> <li>• SharePoint on Corsa version 2.0.12</li> <li>• ABBYY FineReader Engine version 11.1.1601</li> <li>• MyCorsa NxT Office Add-in version 2.0.4</li> </ul> <p>These components are backwards compatible to older releases. For more information please refer to installation manuals and/or the CORSA 7.2 Availability Document.</p>
tg8.	<p>The following minimum versions need to be used for <b>Corsa/Enterprise Search</b>:</p> <ul style="list-style-type: none"> <li>• BCT Message Broker (BCT BerichtenCentrale or BCE) MSI 2.0.2 or higher</li> <li>• Corsa/Enterprise Search deployment for the BCT Message Broker (BCT BerichtenCentrale or BCE) 2.0.9 or higher</li> <li>• Corsa/Solr MSI 2.0.3 or higher</li> </ul> <p>When upgrading to the Corsa 2016 release a so called <b>re-index</b> needs to be done. You can find more information about this in the Corsa/Enterprise Search installation manual.</p> <p>The so called <b>grouping functionality</b> for Corsa/Enterprise Search has been removed in order to improve the performance and scalability for large amounts of data. Now, a smaller amount of linked information (of cases and folders) is indexed for each document. Because of this a one time re-index is needed.</p>



	Because of the removal of this <b>grouping functionality</b> the size of the Solr index will decrease to a greater or lesser extent. This is dependent on the amount and type of content.
tg9.	The Corsa 2016 release is the <b>last release</b> in which <b>MyCorsa</b> is released. Corsa releases newer than the Corsa 2016 release will not contain MyCorsa any more. We advice you to transfer to MyCorsa NxT.
tg10.	<p>Browser support as of the Corsa 2016 release:</p> <ul style="list-style-type: none"> <li>• Support for MyCorsa NxT on <b>Apple iPad</b></li> <li>• MyCorsa NxT is supported in combination with the <b>Microsoft Edge</b> browser</li> </ul> <p>Please mind! <b>Internet Explorer 9 is no longer supported</b>. MyCorsa NxT shows a warning that Internet Explorer 9 is no longer supported when a user tries to use it to reach MyCorsa NxT and the user cannot proceed. E.g. the Dutch warning:</p> <div data-bbox="322 846 962 990" data-label="Image"> </div> <p>Please refer to the 'BCT Browser Support' document for more information.</p>
tg11.	<p>BCT now supports <b>Windows 10</b> for <b>Corsa</b> and <b>MyCorsa NxT</b>.</p> <p>However, <b>MyCorsa</b> is <b>not supported</b> on Windows 10!</p>
tg12.	<p>BCT now supports <b>Microsoft Office 2016 (32-bit)</b> for <b>Corsa</b>, <b>MyCorsa</b> and <b>MyCorsa NxT</b>.</p> <p>Microsoft Office 2016 (32-bit) is not supported yet as supporting application for Neevia Document Converter Pro. You need to use Microsoft Office 2013 (32-bit) as supporting application for Neevia Document Converter Pro.</p>
tg13.	A schema holder is used for the communication between Progress OpenEdge and an Oracle or Microsoft SQL Server database. Before, a schema holder would be created in the 1252 format and then converted to UTF-8. As from the 2016 release the schema holder will be created directly in UTF-8 format. Please use the scripts available in the default directory structure for creating a schema holder.
tg14.	BCT now supports <b>Windows 10</b> for <b>Corsa/ADR 4.5</b> (minimum version 4.5.1602.2).
tg15.	<p>With the transition to Progress OpenEdge 11.6 a new ODBC driver was also introduced for the communication between Progress OpenEdge and Microsoft SQL Server. In the past we used the default 'SQL Server' driver. With the Corsa 2016 release this is the <b>'OpenEdge 11.6 Wire Protocol Driver for MS SQL Server'</b>.</p> <p>This driver will be installed by the Corsa Connector MSI in the '&lt;installation folder&gt;\appl\ODBC'. The following registry files have also been modified:</p> <ul style="list-style-type: none"> <li>• odbc_corsa_32-bit_os.reg: creating data source for 32-bit operating systems</li> <li>• odbc_corsa_64-bit_os.reg: creating data source for 32-bit operating systems</li> </ul> <p>You can find these .reg files in the default directory structure that BCT delivers. In '&lt;installation folder&gt;\bct\clientsoftware\config\misc\odbc' to be more precise.</p> <p>How to create an ODBC data source based on the new driver:</p>



	<ul style="list-style-type: none"> <li>• Open the .reg file that corresponds to your OS</li> <li>• Edit the relevant fields (please refer to the installation manual of Progress OpenEdge AppServer/WebSpeed and the Corsa Connector MSI for more information)</li> <li>• Delete the old 'SQL Server' ODBC data source</li> <li>• Save, close and double click on the .reg file in order to run it</li> </ul> <p>The Corsa Connector MSI will check whether the driver has already been installed and will not install again if that is the case.</p> <p>This also means that the driver will not be installed by the Corsa Connector MSI on machines that contain Progress OpenEdge 11 - Data Server for Microsoft SQL Server. In that case the driver will have already been installed by the Progress OpenEdge setup. When creating the ODBC data source you should therefore enter the location of the driver in the OpenEdge installation folder instead of the installation folder of the Corsa Connector MSI.</p>
tg16.	<p>BCT has made some changes because of which the Corsa 2016 release is now <b>FIPS compliant</b>. Several peripheral components had already been made FIPS compliant in recent versions. In order to guarantee full FIPS compliancy you need to use the versions of peripheral components that have been named in tg7.</p>
tg17.	<p>As addressed in tg7, the Corsa 2016 release needs to be used in combination with a minimal <b>MyCorsa NxT Office Add-in</b> version. This add-in version has been compiled against the <b>Microsoft .NET Framework 4.0 Full Package</b>. Other changes in the add-in concern:</p> <ul style="list-style-type: none"> <li>• Microsoft Office 2016 (32-bit) support</li> <li>• FIPS compliancy</li> </ul> <p>The add-in setup requires the Microsoft .NET Framework 4.0 Full Package and the setup will try to install this requirement on Windows 7, Windows 2008/R2 if detected that it is not present. More recent operating systems already contain the .NET 4.0 framework (via so called 'Features'), so it cannot be installed via the setup.</p> <p>You can perform a regular update in order to install the new add-in, just like before. So you do not need to remove the add-in before reinstalling the new version.</p>
tg18.	<p>As from the Corsa 2016 release the <b>'startup type'</b> of the Windows services of the various Corsa components should be set to <b>'manual'</b> (in stead of 'automatic'). Please use the respective scripts 'start_processes.cmd' and 'stop_processes.cmd' for starting and stopping the services. You can find these scripts in the default directory structure.</p> <p>Also <b>'auto start'</b> of the OpenEdge database and/or AppServer and WebSpeed brokers should be turned <b>off</b> in OpenEdge Explorer.</p> <p>The stop/start scripts will handle the right order of stopping and starting processes and prevent errors and warnings in log files. Also these scripts will clean up any unused processes/files and rotation of log files.</p> <p>At the moment of writing this the following Windows services are concerned:</p> <ul style="list-style-type: none"> <li>• BCT BCE (Message Broker)</li> <li>• CorsaCMIS</li> <li>• BCT Apache2</li> <li>• BCT AS</li> <li>• BCT TaskService</li> <li>• BCT CaptureService</li> </ul>



	<ul style="list-style-type: none"> <li>• CorsaSotr</li> <li>• CORSA_TaskService</li> <li>• Tomcat6</li> <li>• Tomcat7</li> <li>• DSservice</li> <li>• IDT PDF Service</li> <li>• DCStart</li> <li>• AdminService11.6(32-bit) (also turn off of 'auto start' of the components database, AppServer and WebSpeed)</li> </ul> <p>It is important to create a scheduled task on each server Corsa so that the processes will be stopped and restarted periodically. In addition, this scheduled task should also ensure that 'start_processes.cmd' is carried out when starting the server.</p>
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## Corsa Connector

tc1.	The <b>InstallationVersion</b> has been changed and now shows: 7.20.1601. De ProductName is tevens aangepast naar <b>Corsa Connector 2016</b> .
tc2.	The <b>productcode</b> of the MSI has been changed to <b>{58AADCAA-0B84-4868-BDB4-D5D31C05581C}</b> .
tc3.	<p>Some important changes in the files that make up the Corsa Connector MSI are outlined below.</p> <ul style="list-style-type: none"> <li>• The following files have been compiled to the Microsoft .NET 4.0 Framework Full Package (files marked with an * will be registered with the .NET 4.0 Framework): <ul style="list-style-type: none"> <li>○ BCTStUF2Lib.dll</li> <li>○ BCT.Connectors.SGFacilittor.dll*</li> <li>○ BCT.Connectors.Afas.dll*</li> <li>○ BCT.Connectors.ExactOnline.dll*</li> <li>○ BCT.Connectors.Kwe.dll*</li> <li>○ BCT.Connectors.Bbc.dll*</li> <li>○ BCT.CORSA.AppServer.dll</li> <li>○ BCT.CORSA.AppServer.COM.dll*</li> <li>○ BCT.Utills.dll*</li> <li>○ MyCorsaMerge.dll</li> <li>○ MyCorsaMergeCOM.dll*</li> <li>○ MyCorsaNxTUtils.dll</li> <li>○ MyCorsaNxTUtilsCOM.dll*</li> </ul> </li> <li>• The following PixTools files in the Corsa Connector MSI (for the purpose of the Extended TDSViewer and adding scans) have been upgraded to the versions that are used in the ADR 4.5 MSI: <ul style="list-style-type: none"> <li>○ Pixezn.dll</li> <li>○ Pixezocx.ocx</li> </ul> </li> <li>• The ProInventory files (proinventory.dll and _proinventory.exe) have been replaced with the ProInventory files of OpenEdge 11.6 Service Pack 1.</li> <li>• The Progress OpenEdge client runtime DLL's for OpenEdge have been replaced by the versions that have come with OpenEdge 11.6 Service Pack 1. These files are placed by default if TDSNETSETUP has value TRUE. This property cannot be changed in MSI GUI and has value "TRUE" by default.</li> <li>• Files for the OpenEdge 11.6 Wire Protocol Driver for MS SQL Server have been added. See tg15 for more information.</li> <li>• Vsprint7.ocx has been replaced by vsprint8.ocx in connection with OpenEdge 11 compatibility.</li> <li>• Single .reg files for merging with Microsoft Office 2016 have been added:</li> </ul>





	<ul style="list-style-type: none"> <li>○ Merging Excel2016.reg</li> <li>○ Merging Word2016.reg</li> <li>● Single .reg files have been added for the ODBC connection to the Corsa database when using a Microsoft SQL Server database: <ul style="list-style-type: none"> <li>○ odbccorsa_32-bit_os.reg</li> <li>○ odbccorsa_64-bit_os.reg</li> </ul> </li> </ul> <p>Important changes in the <b>registry keys</b>:</p> <ul style="list-style-type: none"> <li>● SQLSecurityCheck registry keys for merging to Microsoft Office 2016 have been added: <ul style="list-style-type: none"> <li>○ HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Excel\Options --&gt; "SQLSecurityCheck"=dword:00000000</li> <li>○ HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Options --&gt; "SQLSecurityCheck"=dword:00000000</li> </ul> </li> <li>● Registry keys for the ODBC connection to the Corsa database when using a Microsoft SQL Server database (will only be installed if detected that they are not present yet): <ul style="list-style-type: none"> <li>○ 'HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\ODBC\ODBCINST.IN\OpenEdge 11.6 Wire Protocol Driver for MS SQL Server' and underlying registry keys</li> <li>○ 'HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\ODBC\ODBCINST.IN\ODBC Drivers' --&gt; "OpenEdge 11.6 Wire Protocol Driver for MS SQL Server"="Installed"</li> </ul> </li> </ul>
tc4.	The <b>InstallShield project</b> of the Corsa Connector MSI has been upgraded from InstallShield 2013 Premier to <b>InstallShield 2015 Premier</b> .
tc5.	<p>In connection with the transition to Progress OpenEdge 11 the following actions are required for an installation of the Corsa Connector 2016 MSI:</p> <ul style="list-style-type: none"> <li>● An installation of the <b>Microsoft Visual C++ 2010 SP1 Redistributable 32-bit</b> (vc_redist_x86.exe - Microsoft Visual C++ 2010 SP1 Redistributable (x86) - 10.0.40219)</li> <li>● An installation of the <b>Microsoft .NET Framework 4.0 Full Package</b>. An installation of the Microsoft .NET Framework 3.5 SP1 is not necessary anymore.</li> </ul> <p>The Corsa 2016 Connector MSI has built in controls to check for these requirements.</p>
tc6.	<p>In connection with the upgrade to the Microsoft.NET 4.0 Framework some <b>Custom Actions</b> have been added for the .NET DLL registration.</p> <ul style="list-style-type: none"> <li>● PreCompileAssemblyPrep4</li> <li>● PreCompileAssemblyv4</li> <li>● RegisterNetv4DLLs</li> <li>● RegisterNetv4DLLsPrep</li> <li>● UninstallPrecompileAssemblyPrep4</li> <li>● UninstallPrecompileAssemblyv4</li> <li>● UnregisterNetv4DLLs</li> <li>● UnregisterNetv4DLLsPrep</li> </ul>
tc7.	<p>The internal MSI structure has been adjusted for the following <b>components</b> and <b>features</b>.</p> <p>Added components:</p> <ul style="list-style-type: none"> <li>● ODBC_WIRE_PROTOCOL_DRIVERS (DLC11.6 feature)</li> <li>● ODBC_WIRE_PROTOCOL_DRIVERS_HELP (DLC11.6 feature)</li> <li>● ODBC_WIRE_PROTOCOL_DRIVERS_REG (DLC11.6 feature)</li> <li>● TOOLS_REGISTRY_ODBC_32_BIT_OS.REG (REGISTRYFILES feature)</li> <li>● TOOLS_REGISTRY_ODBC_64_BIT_OS.REG (REGISTRYFILES feature)</li> </ul> <p>Renamed components:</p>



	<ul style="list-style-type: none"> <li>DLC102B_CSCOMB32.OCX to DLC11_CSCOMB32.OCX</li> <li>DLC102B_CSSPIN32.OCX to DLC11_CSSPIN32.OCX</li> <li>DLC102B_PROX.DLL to DLC11_PROX.DLL</li> <li>DLC102B_PSTIMER.OCX to DLC11_PSTIMER.OCX</li> </ul> <p>Removed components:</p> <ul style="list-style-type: none"> <li>SHOWCFGD101C.EXE</li> <li>TDSXVIEW_PIXTOOLS_PEGASUSIMAGING.ACTIVEX.BARCODEXPRESS5.DLL</li> <li>TDSXVIEW_PIXTOOLS_PEGASUSIMAGING.ACTIVEX.SCANFIX5.DLL</li> <li>TDSXVIEW_PIXTOOLS_PEGASUSIMAGING.ACTIVEX.SSXBC4.DLL</li> </ul> <p>Components moved to the REGISTRYFILES feature:</p> <ul style="list-style-type: none"> <li>TOOLS_REGISTRY_MERGING_EXCEL2007.REG</li> <li>TOOLS_REGISTRY_MERGING_EXCEL2010.REG</li> <li>TOOLS_REGISTRY_MERGING_EXCEL2013.REG</li> <li>TOOLS_REGISTRY_MERGING_EXCEL2016.REG</li> <li>TOOLS_REGISTRY_MERGING_WORD2007.REG</li> <li>TOOLS_REGISTRY_MERGING_WORD2010.REG</li> <li>TOOLS_REGISTRY_MERGING_WORD2013.REG</li> <li>TOOLS_REGISTRY_MERGING_WORD2016.REG</li> <li>TOOLS_REGISTRY_ODMA_DISABLED.REG</li> <li>TOOLS_REGISTRY_ODMA_ENABLED.REG</li> <li>TOOLS_REGISTRY_ORACLE_SORTING.REG</li> <li>TOOLS_REGISTRY_W2007_HIDEFILENOTSAVEDLG.REG</li> <li>TOOLS_REGISTRY_W2010_HIDEFILENOTSAVEDLG.REG</li> <li>TOOLS_REGISTRY_W2013_HIDEFILENOTSAVEDLG.REG</li> <li>TOOLS_REGISTRY_W2016_HIDEFILENOTSAVEDLG.REG</li> </ul> <p>Renamed features:</p> <ul style="list-style-type: none"> <li>DLC102B to DLC11.6</li> </ul>
tc8.	The registration method of the tdsapi.dll and dmscore.dll has been changed from 'COM Extraction at build' to ' <b>Self registration</b> ' in connection with difficulties in extracting the registry keys of these files.
tc9.	The value 'OFFICE2013' that the <b>TDSODMA</b> property can receive (if you chose for Microsoft Office 2013/2016 support) has been changed to ' <b>VSTO</b> '. So if you need to roll out VSTO integration then the TDSODMA parameter should get value 'VSTO' in stead of 'OFFICE2013' that was used in earlier versions.

### Corsa/Document Server

td1.	The <b>InstallationVersion</b> has been changed and now shows: 7.20.1601. The ProductName has also been changed to <b>Corsa DS 2016</b> .
td2.	The <b>productcode</b> of the MSI has been changed to <b>{2F1AF185-D6FF-4831-83E3-18083317F003}</b> .
td3.	As from the Corsa 2016 release <b>ABBYY FineReader Engine 8.x en 9.x</b> for the purpose of the Corsa Document Server <b>are not supported anymore</b> . This means that ABBYY FineReader Engine 8.x cannot be set up anymore in the Corsa Management Console.



	<p>When initially installing or upgrading to the Corsa 2016 release and using an OCR engine, it is mandatory to transfer to <b>ABBYY FineReader Engine 11</b>. Because of this the TDSFRE property has been removed from the Corsa/Document Server MSI.</p> <p>When initially installing the Corsa Document Server MSI the In-, Out- en Error folders of the DSOCR plugin have been adjusted to values which relate to ABBYY FineReader Engine 11.</p>
td4.	The ' <b>startup type</b> ' of the Corsa/Document Server service ' <b>DSservice</b> ' will be set to <b>manual</b> as of this release. Use the 'start_processes.cmd' when booting up the server to start the service. You can find more information in release note tg18.

### TDSInstaller

ti1.	The <b>file version</b> information has been changed and now shows 7.2.161.111 (2016).
ti2.	The latest product codes of the Corsa Connector and Corsa/Document Server MSIs have been added to the <b>TDSInstaller</b> configuratie. Because of this the new MSIs are also deinstalled if necessary.
ti3.	Whereas the <b>TDSFRE</b> property has been removed from the Corsa Document Server MSI (see also td3), you can no longer change any settings for this property via the 2016 TDSInstaller.
ti4.	<p>The following non-supported products have been deleted from the TDSInstaller:</p> <ul style="list-style-type: none"><li>• ABBYY FineReader Engine 9</li><li>• Corsa/SCAN</li><li>• Corsa/VIEW</li></ul>

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