



DRS

Customer Release Notes

Version 6.1.7

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DRS Version 6.1.7

Development of DRS Version 6.1.7 is now complete and was released in December 2023.

DRS 6.1.7 is a minor patch that adds a small number of additional configuration options for project planner and system maintenance as well as a large number of fixes for issues raised by customers.

What's new

This section describes the new or improved features we have introduced in this release and key fixes and improvements.

DRS 6.1.7

NEW	DRS-6716	Mandatory option for teams allocation
NEW	DRS-6866	Change project package template
NEW	DRS-7438	Purge CHECK_DISK_SPEACE log files
NEW	DRS-7480	Extend the upgrade packages script to allow to upgrade PHP
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FIXED	DRS-7442	Completion Status breaks Views
FIXED	DRS-7479	long wait and error when publishing a project package from project package grid
FIXED	DRS-7483	Some users unable to log in after upgrade - Invalid credentials

FIXED	DRS-7492	Closing project
FIXED	DRS-7493	unable to see project package comments (and other fields)
FIXED	DRS-7494	Unable to edit diary template to amend the Planning Board view
FIXED	DRS-7498	project planner jobs are loading over the top of existing jobs
FIXED	DRS-7501	DRS - Unable to excluded Suspended jobs from the Open Jobs in Past view
FIXED	DRS-7512	DRS Not sending jobs to TM
FIXED	DRS-7522	T3 - Job > Worker Request skill picker is too narrow
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FIXED	DRS-7528	Apache Vulnerabilities
FIXED	DRS-7547	NullPointerException when no meeting templates exist

FIXED

DRS-7661

After upgrade, DRS logs in but does not display the home screen

FIXED

DRS-7623

Upgrade duration is too long

A closer look

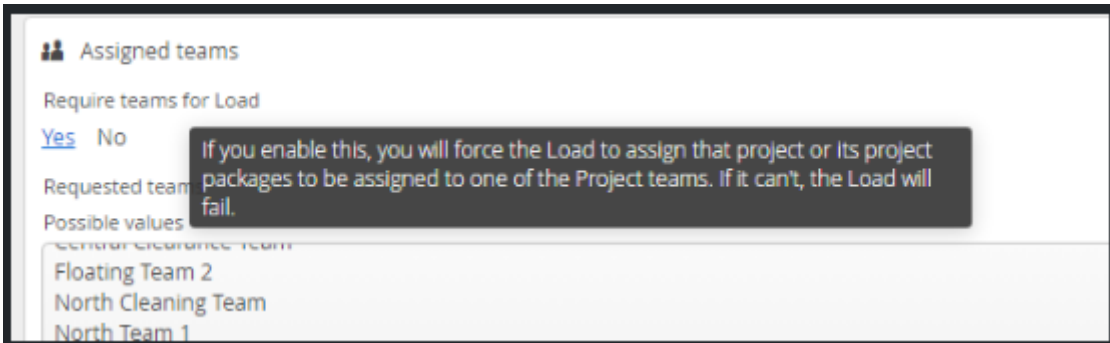
This section provides extended information on key features and fixes

New features

DRS-6716 Mandatory option for teams allocation

Within Project planner when setting an allocated team, this is only treated as a preference and if the project cannot find availability within that team it will search the wider resource group to fill the availabilities.

A new option “Require teams for the Load” option has been added in the assigned teams section.



If this is set to yes, then 1 or more teams must be selected or it will result in an error. If it is configured and the project is not able to fill the availabilities with the selected teams then the planning will fail.

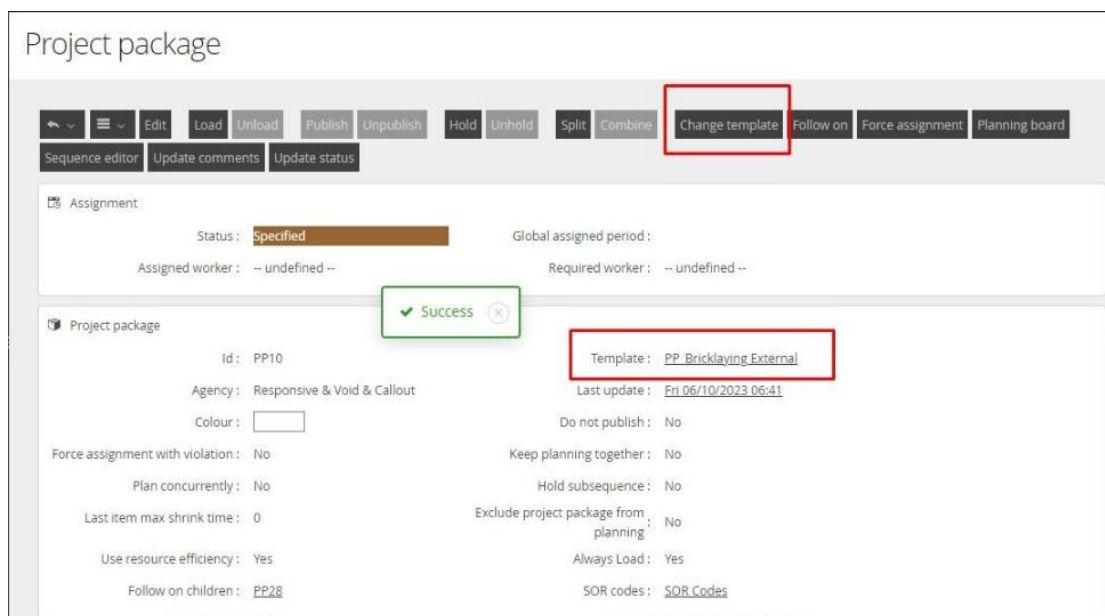
Project Issues			
Close			
Project Issues			
Date	Level	Category	Description
05/10/2023 13:58	error	load	[PP112] - No solution found with the teams required by the project

DRS-6866 Change project package template

A new command has been created `ChangeProjectPackageTemplate` which takes a project package id and a package template id. This will then create a new package from the template selected with the template default values and then apply the other values from the source package. The new package will then replace the source one.

Added a new action to the package details screen to change the template, this will give the option to select a new template for package and will then call the new command.

The new action is only available for specified packages.



DRS-7438 Purge CHECK_DISK_SPACE log files

The `CHECK_DISK_SPACE` script would check there was sufficient space every 10 minutes and post a new log file. These were not maintained and would result in an ever growing number of files.

A process has been put in place that will purge the log files older that are greater than 1hr old.

Note: as we move from one day to the next, all the remaining log files will be deleted. So between the hours of midnight and 1am, only log files for the current day will be kept rather than the full hours worth.

DRS-7480 Extend the upgrade packages script to allow to upgrade PHP

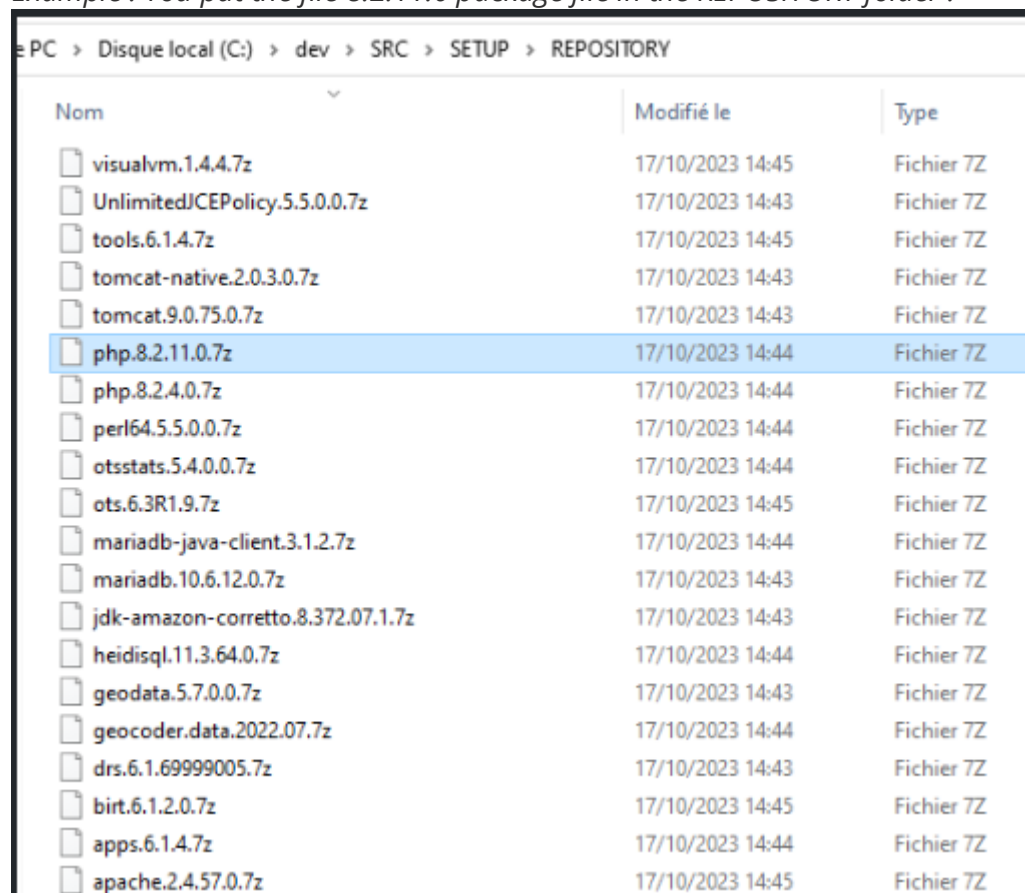
Added the ability to upgrade minor version of PHP without the need of a full DRS upgrade.

The PATCH_PACKAGE setup command has been modified to update a PHP package.

To update a php package :

Place the PHP 7z file in the REPOSITORY setup

Example : You put the file 8.2.11.0 package file in the REPOSITORY folder :



The screenshot shows a Windows File Explorer window with the address bar displaying the path: `PC > Disque local (C:) > dev > SRC > SETUP > REPOSITORY`. The window contains a table of files with three columns: 'Nom', 'Modifié le', and 'Type'. The file 'php.8.2.11.0.7z' is highlighted in blue.

Nom	Modifié le	Type
visualvm.1.4.4.7z	17/10/2023 14:45	Fichier 7Z
UnlimitedJCEPolicy.5.5.0.0.7z	17/10/2023 14:43	Fichier 7Z
tools.6.1.4.7z	17/10/2023 14:45	Fichier 7Z
tomcat-native.2.0.3.0.7z	17/10/2023 14:43	Fichier 7Z
tomcat.9.0.75.0.7z	17/10/2023 14:43	Fichier 7Z
php.8.2.11.0.7z	17/10/2023 14:44	Fichier 7Z
php.8.2.4.0.7z	17/10/2023 14:44	Fichier 7Z
perl64.5.5.0.0.7z	17/10/2023 14:44	Fichier 7Z
otsstats.5.4.0.0.7z	17/10/2023 14:44	Fichier 7Z
ots.6.3R1.9.7z	17/10/2023 14:45	Fichier 7Z
mariadb-java-client.3.1.2.7z	17/10/2023 14:44	Fichier 7Z
mariadb.10.6.12.0.7z	17/10/2023 14:43	Fichier 7Z
jdk-amazon-corretto.8.372.07.1.7z	17/10/2023 14:43	Fichier 7Z
heidisql.11.3.64.0.7z	17/10/2023 14:44	Fichier 7Z
geodata.5.7.0.0.7z	17/10/2023 14:43	Fichier 7Z
geocoder.data.2022.07.7z	17/10/2023 14:44	Fichier 7Z
drs.6.1.69999005.7z	17/10/2023 14:43	Fichier 7Z
birt.6.1.2.0.7z	17/10/2023 14:45	Fichier 7Z
apps.6.1.4.7z	17/10/2023 14:44	Fichier 7Z
apache.2.4.57.0.7z	17/10/2023 14:45	Fichier 7Z

Then run the Setup command :

call util PATCH_PACKAGE PACKAGENAME PACKAGEVERSION BATCHMODE

PACKAGENAME : “apache” or “php” only supported

PACKAGEVERSION : version in 4 digits separated by dots

BATCHMODE (Optional) : “Y” or “N”. Run with “Y” in live production. “N” in debug. Debug mode brings more logs.

Example : call util PATCH_PACKAGE php 8.2.11.0 Y

```

Administrateur : C:\Windows\System32\cmd.exe
Microsoft Windows [version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. Tous droits réservés.

C:\dev\src\SETUP>call util PATCH_PACKAGE php 8.2.11.0 Y
    Gathering packages information for php in conf\packages.txt
    Stopping APACHE service...
    C:\dev\src\SETUP\APACHE\PHP\bin\httpd -n APACHE -k stop
    Backup C:\dev\src\SETUP\APACHE\PHP to C:\dev\src\SETUP\APACHE\PHP_COPY
    Extracting C:\dev\src\SETUP\REPOSITORY\php.8.2.11.0.7z to C:\dev\src\SETUP\APACHE\PHP_COPY
    copy /Y C:\dev\src\SETUP\APACHE\PHP_COPY\php.ini to C:\dev\src\SETUP\APACHE\PHP\php.ini
    Starting APACHE service
    php;8.2.11.0;15:06:52,20
    C:\dev\src\SETUP\packages_update.log
C:\dev\src\SETUP>_

```

DRS-7441 Enhanced Support package export

When an account is restarted and a support package is generated it was not creating Mysql or Apache log files. These have now been included into the package.

Additionally, a new option to create an export additional files has been added along with a variable for the duration they should be exported over.

3 additional parameters have been added.

EXPORT_SUPPORT_TABLES – Defines if the additional tables should be exported
– Default=false

SUPPORT_TABLES_TO_EXPORT – defines which tables to export – Default
=%opt_request::OPT_ARRIVAL_DATE,%opt_business_layer::OPT_BA_START_DATE
,connector%.tblauditlog::DateUpdated,connector%.tblxmb_optitimewebxmlrequests::RequestDate,connector%.tblxmb_obsxmlrequests::RequestDate

EXTRACT_DURATION_HOURS – defines how far back in hours the log export should contain – Default=24

Fixes

DRS-4500 If DRS root folder is too long then error in installation because of XmbraceArchive Tbldelete creation Table

Installations could fail if the path file lengths were longer than 150 characters as this was a limit set in Tbldelete table.

This field has been extended to allow a filepath up to 250 characters.

DRS-5194 Ability linked to an attribute

Abilities with a linked attribute would error when attempting to save or update the default value field.

This has been corrected and will no longer result in an error.

DRS-5310 Can't use a numeric ability as criteria without setting a default value

When setting up a numeric ability field and setting the criteria as 'to be filled by user' an error would occur when saving stating an invalid integer format.

this has been corrected and will now save as expected.

DRS-5635 Meetings not dropping to device - Can't set 'can show past' on a meeting view

When editing a meeting with the 'can show past' option flagged as true the user would be presented with a Duplicate column name error.

this has been corrected and the meeting should now be editable as expected.

DRS-5695 Label problem on job edit/view screen

The button labels were not correctly loading for recurrent jobs.

This was an issue where it was pointing to the whole translation file location. This has now been corrected and the labels should be displayed as expected.

DRS-5793 Can't edit a numeric business data with no default value

When attempting to edit the MAX_DURATION_URGENT on a worker, if there was no default value set, this would result in an error.

This will now save correctly even if no default is set, however using the UI a blank default value will be set to 0.

DRS-5904 Meeting can not schedule - Job Assignment Errors instead of telling which worker is available/unavailable

DRS-5958 Hide the EDIT button on the ADMINISTRATOR profile and enable all functions by default

When using the admin profile the option to edit the profile was available when it should not be.

The edit button is not hidden for the Admin profile, the admin profile has all functions enabled by default and is not editable.

DRS-6085 Check the "remove project" behaviour

When deleting a project if project packages were already published they were not correctly being unpublished before deletion.

The deletion process has now been updated to include un-publishing any published packages before deleting.

DRS-6102/6634 Unavailability spanning multiple days not showing on Daily view

When setting an unavailability to run over multiple days it was not correctly displayed after the first day in the daily view.

The way unenviabilities are added to the planning archive has been altered so that each schedule Event is stored for each day in the archive rather than the full value stored in the first day only.

Whilst fixed, this will only apply to newly created unavailabilities, past records stored in the planning archive are unchanged and will only display correctly in the week view.

DRS-6134 v6.0.1.2 -Meeting - Update Attendees Diary creates inaccessible meeting

When dealing with a meeting that has issues with availability after clicking the check availability option, it was possible to set the meeting into a state that it could not be returned to.

This was due to needing to leave the context of the meeting setup to access the attendees diaries. This has been changed to a popup over the meeting screen so that the meeting context is maintained and the user can return to it once the required diary changes have been made.

DRS-6431 "See the resources selector on tasks lists" - Removing Permission causes error when pressing Reset on a job list

For users that did not have the 'See resources selector on tasks lists' permission, clicking the reset button on the jobs filter would return an error.

This has been corrected and the filter may now be reset with or without this permission.

DRS-6468 Forbidden operative still allowing booking for operatives

When changing a job template, forbidden workers were reintroduced into the pool of available workers.

This has been corrected and altering the job template will no longer reset the forbidden workers list. This was also the case for mandatory workers as well which has also been fixed.

DRS-6488 DRS UI fails to show a worker view if the table opt_sectors is empty

When attempting to setup DRS to not use post code sectors an error would be presented when trying to show the worker view.

This has been corrected and DRS can now be configured using `com.optitime.otffa.businesslayer.usePostalCodeSectors=false` and view the worker list without errors.

DRS-6510 Worker Export file is poorly formatted

When exporting a worker file it would include both active calendar details and historical calendar details. This made the export difficult to work with as the historical data was generally not wanted and would need to be removed so that the file could be edited and re-imported.

This has been altered and the worker export will now only export currently active calendar items.

DRS-6626 "Todays completed appointments by completion status" Graph on homepage

On the homepage the graph showing completed appointments for the day was not correctly showing work completed.

This was due to an error in reading the completed status in the job detail and has been corrected. The Graph will now correctly update to show the days completed appointments.

This graph runs on a 10 minute refresh rate, so please allow up to 10 minutes to see any changes from recently completed appointments.

DRS-6637 Spelling - Import - Hovering over incremental radio button

In the import radio button tool tip, the message incorrectly says "The import will update existing DRS datas found in the import file..."

This has been corrected to "The import will update existing DRS **data** found in the import file"

DRS-6638 Spelling - Please select at least one element

When trying to click a button without selecting an element the user would be prompted with the incorrect message "Please select at lease one element"

This has been corrected to "Please select at **least** one element"

DRS-7059 Meeting Job Templates Not showing in Templates list

Meeting templated were not correctly displaying in the list of available job templates.

The meeting templates should now show in the list. Additionally a number of other small fixes have been made to meeting templates.

DRS-7254 Copying job no longer retains original userqueue

In V6 copying a job would no longer also copy the user queue from the original job. This was causing some customers problems.

When copying a job, all business data values will now also be copied across to the new job.

DRS-7255 Views are cached - do not change on profile change

When changing between profiles it was possible to see views that should not be visible in the second profile.

This was due to the way caching was handled, maintaining the views the speed up loads times. This has now been corrected so the view cache is cleared when changing profile.

DRS-7256 Copying planned job does not retain time slot

When copying a planned job the time slot of the original job was not retained into the new job.

This has been corrected so that the time slot will be carried over into the new job.

DRS-7295 DRS - Home Default Chart Filters & Definitions

The home page dashboard charts were not correctly showing the expected data as described by their respective names.

The graphs have been reworked and should now show the expected data.

Note, the charts has been set to update every 10 minutes.

DRS-7298 Error in Booking hub with the new "collapse" SUI button

When in the booking hub, clicking the arrow to collapse the left hand navigation area would cause an error to be displayed.

The booking hub is already designed to be full screen so the collapse function should not have been available and has been removed

DRS-7358 Web Booking Manager - CurrentViewTitleBar showing but not required

Within the web booking manager there was a large area of unused space for where a page title would normally be limiting the space to display available slots to the user.

The page title areas has been removed. Additionally the summary information areas have been made collapsible to allow for further space to be made available.

within the user profile a new setting has been added to set if the detail panels should be open or collapsed by default.

Timeslots			
Show all slots : ☒	Show configurations on slot : ☒	Show detail panels on load : ☒	Show possible worker on slot : ☒

DRS-7413 PP Web is sending the parent primary order number rather than original primary order number on combined jobs when using follow ons

When combining projects and creating a follow on the primary order number returned was from the parent job rather than the original primary order number.

This was caused by the way the SORs were transferred to the follow on job. The SORs will now be copied and include the original primary order number.

DRS-7414 PP Web is not respecting personal unavailabilities on the load

In certain circumstances PPweb would be able to plan into personal unavailabilities.

This was caused by an issue when the unavailability was set on the same day as the planning fence date and when the calendar of the worker was starting earlier than the planning fence date. This would result in a situation where the whole day unavailability would not be added to the worker before the planning fence date.

This has been corrected, and the schedule load should now take into account all unavailabilities.

DRS-7442 Completion Status breaks Views

In certain circumstances views would display an error when certain status filters were set.

This was found to be an issue with the Lazy loading of the UI. Where if the number of returned records in a view was 1 less than the number to lazy load into the UI, an error would occur. This error has been resolved and the views should now work as expected.

DRS-7479 long wait and error when publishing a project package from project package grid

When attempting to publish from a project package from the project package grid users were experiencing a very long wait time followed by an error returned.

The issue was caused by the way we were trying to refresh the grid after the action was run. This was causing the list of selected package ids to be cleared as well and so when the action tried to select the package details it had an empty list of ids which meant it was trying to select all packages.

This has been updated so the action can run with the ids that were selected.

DRS-7483 Some users unable to log in after upgrade - Invalid credentials

After upgrading some users were faced with a Invalid credentials error when logging in.

This was caused by some bookmarks not having an organisation set after the upgrade. Causing an error.

This has been corrected so that bookmarks work as expected and users are also able to log in without issue.

DRS-7492 Closing project

When choosing to close a project the project status would be set to on hold rather than closed.

The issue was related to when it tried to check the on hold status of the project from the replaceProject commnad. It was set so that if all packages had a status of hold or completed then it would set the project status to hold and the on hold status to full, even if all the packages were completed and none were on hold.

This has been updated now and the close project is working as expected.

DRS-7493 unable to see project package comments and other fields

Within project planner it was not possible to view project package comments in the project package details screen.

This is because it was erroneously displaying the job comments field from the database. This has been corrected the project package comments will now be correctly displayed.

DRS-7494 Unable to edit diary template to amend the Planning Board view

When attempting to alter a diary template to display it's colour based on diary item status rather than project status an error would occur.

This has been corrected and diary items can now be set to show colour based on diary item status.

DRS-7498 project planner jobs are loading over the top of existing jobs

In certain circumstances Project planner would load project jobs over the top of existing appointments.

This is the same issue as found in DRS-7417. And has been resolved by the same fix.

DRS-7501 Unable to exclude Suspended jobs from the Open Jobs in Past view

When looking at the open jobs past view users were unable to exclude suspended jobs using the advanced filter config.

This is due to an issue with localisation of Enums resulting in the value selected from the filter not correctly representing the actual value selected. In this case when selected suspended in the UI, the actual value selected was Cancelled.

A temporary fix has been put in place that will alter the values so the expected outcome is achieved. A further fix will come in a future patch to ensure values selected in the UI match the enum values and are not altered by localisation.

DRS-7512 DRS Not sending jobs to TM

In some situations after an upgrade some jobs were not correctly being dispatched on the mobile gateway.

The issue was with how the upgrade process handled combined projects resulting in the original order numbers being lost.

The following checks have been added to resolve the issue in future:

- when a project package is being created it will check to see if it has come from a combined project. If this is the case then it will check to see if a service order has been created with the details from the combined project and if not it will create one.
- When creating SOR codes for projects or project packages it will check to see if they related to combined projects. If they do the original project id value will be set as the combined project id.
- When creating diary items, if they relate to packages on projects that have been combined it will check for the service order that relates to the combined project and create the job on that sor code.

DRS-7522 T3 - Job > Worker Request skill picker is too narrow

The Worker request skill picker popup was poorly formatted making the select areas unnecessarily narrow.

The UI had been corrected and is now much more usable.

DRS-7525 Combined package loses original order number after it has been edited

When editing a combined package the original order number was lost.

Fixed so that the order number is not removed when editing.

DRS-7528 Apache Vulnerabilities

A vulnerability in apache was discovered <https://nvd.nist.gov/vuln/detail/CVE-2023-31122>

A new version (2.4.58.0) is available with this version, this must be installed using the independent process introduced in V6.1.2

DRS-7547 NullPointerException when no meeting templates exist

When attempting to add a meeting when there are no meeting templates users would be presented with an unexpected error.

This has been corrected and users will now be presented with a message stating that they must first add a meeting order template.

DRS-7661 After upgrade, DRS logs in but does not display the home screen

After upgrading through to 6.1.6, issues were found with the consistency of Job Completion data which was causing the Home Screen charts to fail to load. This would prevent the Home Screen from loading.

A defensive code change has been made to prevent this re-occurring.

DRS-7623 Upgrade duration is too long

When upgrading from 5.7 to 6.1.6 the upgrade is failing when it is processing Project Planner data. This is because when it finds a combined package it checks to see if it needs to create a new service order for it to hold the original project id.

If the location on the package is invalid the service order creation fails and throws an exception, which then stops the rest of the upgrade process.

A defensive code change has been made to improve this process going forward.

Release list of Components

Internal Component Versions

Function	Version
DRS Server (Kernel)	6.3.1.9
Background Service	6.1.7
Connector Services	6.1.7
Inbound Connector	6.1.7
Mobile Gateway	6.1.7
Project Planner	6.1.7
Utility Service	6.1.7
DRS Web Services Gateway	6.1.7
Archive/Housekeeping	6.1.7
UK Geocoding Postcode Database	07/2022

External Component Versions

Description	Version
Apache	2.4.58.0 (2.4.57.0)
Java	8.372.07.1
MariaDB	10.6.12.0
MariaDB JavaClient (JDBC)	3.1.2
php	8.2.11.0 (8.2.3.0)
Tomcat	9.0.75.0
Tomcat Native	2.0.3.0
.Net	4.7
SoapUI	5.5.0

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- Visit the [\[external link icon\]](#)
- Make a general enquiry on 03300 602 102
- Contact us via the [Advanced website \[external link icon\]](#)

More information

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