

DVMAX Research v1.2.5 Release Notes



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These release notes describe added functionality (Advanced Settings), changes, and bug fixes delivered as DVMAX Research 1.2.5.

Advanced Settings

- Advanced Settings are now available for DVMAX Research. From the **Admin** menu, select **Setup**. Click the **Utilities** tab, and in the Advanced Settings section, click **Display**.
- Advanced Settings take effect as soon as they are changed.

AHRs

Unique Ids

- The advanced setting **ahr.isUSDAUnique** controls whether DVMAX Research requires an animals USDA ID to be unique. If this setting is true, USDA numbers cannot be re-used.

Two new advanced settings have been added to provide control over searching for animals by ID or USDA ID.

The two settings are **find.animalIDSearchMode**, and **find.animalUSDAIDSearchMode**. Each setting can have a value of “exact”, “endsWith”, or “contains”.

The **find.animalIDSearchMode** setting defaults to “endsWith”.

The **find.animalUSDAIDSearchMode** setting defaults to “exact”.

As well, the Clinical Case input form now requires that a complete animal ID be entered.

General

List Fonts and Font Sizes for Windows and Mac

Use the setting **general.listFontMac** to set the display font for lists. Defaults to Lucida Grande.

Use the setting **general.listFontSizeMac** to set the default font size for lists. Defaults to 11 pt.

Use the setting **general.listFontSizeWindows** to define the font used to display lists in Windows. Defaults to Tahoma.

Use the setting **general.listFontWindows** to set the font size used to display lists in Windows. Defaults to 11.

Suppress DVMAX Beeping

Set **general.suppressBeep** to “true” to suppress DVMAX from beeping. Default is “false”.

Images

Image Path to Acrobat

Use the setting **image.pathToAcrobatWin** to define your path to Acrobat.

Labs

Displaying Numeric Characters in Lab Results

A new advanced setting has been added so that sites can better control how lab results are displayed. The **lab.allowedNumericCharacters** setting, which defaults to:

```
0123456789.^E*
```

is now used to determine if a lab result is numeric. Numeric results are graphed, while non-numeric results (comments, etc) are not. With the default setting, a result of “12.3*” is seen as numeric, since the “*” character is included in the setting by default.

Security

Passwords and Security

Password aging has now been added to DVMAX/Research. The aging is controlled by 2 new advanced settings:

- **security.maxPasswordAge** - defaults to 90 (days)
- **security.minPasswordLength** - defaults to 6 (characters)
- **security.usePasswordAging** – Set to True. Set to False to prevent password aging from being used.

Spell Check

The advanced setting **spell.customDictionaryName** has been added. Specify your custom Dictionary name.

Studies

When assigning an animal to a study, the list of available studies can now be limited by using a combination of three advanced settings:

studies.display.activeWithinDays. This setting determines how many days back DVMAXR will look when building the study list. If a study has expired within the number of days specified in this setting, it will be included in the list. The default value for **studies.display.activeWithinDays** is 10000.

studies.display.showNullEndDates. If this is true (the default), studies with null (no) end dates will be included in the study list. If it is false, they will not.

studies.display.maxRetrieval. This number is the maximum number of studies which will be returned when building study lists. The default is 1000.

An informational line: “Showing x available studies of y total” was added to the study assignment dialog, new AHR form, and dialog off the study reservation MRE.

Treatment Plans

The setting **tp.maxNumTPItems** determines the maximum number of items that can be created in a treatment plan. Defaults to 500. DVMAX will alert the user if there are too many items in the Treatment Plan. The user can proceed if they click **OK** in the warning dialog.

Fixes and Other Changes

AFMS_Animal Interface

- An additional status flag has been added to field 29 in the AFMS_Animal interface table. Passing a value of 5 in the status and a new value in the AFMS_Animal Identifier along with values of “6|29” in fields to process will cause the AFMS_AnimalIdentifier to be updated. An Audi MRE is also created recording the changes in the AMFS_Animal ID.

Animal Health Records

- Added a new AHR search - “With Approved Treatment Plans”. This search will return all animals that have Approved treatment plans that have not yet been applied to the animal.
- When creating a new AHR, multiple Hx8100 MREs would be created if the user selected a study, then changed their mind and selected a different study before saving the AHR. This has been changed - now only one Hx8100 MRE will be created.
- The **Vendor** field on the AHR input form can now be edited by users that are members of the “System Administrator” group.
- The list of cases on the By Case tab of the AHR input form can now be sorted by clicking the column headers.
- The **Text View** button on the AHR input form could display a blank page if it was clicked from the “To Do” or “Comments” tab.

- Fixed some inconsistencies involving date and value verification on **Last Vaccine, Weight** and **Date of Birth** field entry on Animal Health Records.
- Fixed a situation where a previously-entered Date of Birth could carry forward into newly-created Animal Health Records.

Audit Records

- Audit records now correctly use the custom field labels specified in Setup.
- Fixed an issue that could lead to the **Cancel** button on the Audit dialog being incorrectly enabled.

Bill Codes

- Tweaked the Bill Code input form to be consistent with the rest of the application.

Blood Analyzers

- Abaxis HM5- fixed a problem that could result in a syntax error while downloading HM5 results.
- Spotchem - fixed an issue that could cause a runtime error during spotchem import.

Findings

- Changing the name of a Finding Item and then clicking “Cancel” will now properly revert the change.
- Fixed a UI problem that could cause the **OK** and **Cancel** buttons to not be available when entering Findings for a Clinical Case
- Fixed an intermittent issue that could prevent finding options from being saved.
- When entering findings DVMAX will no longer “wraparound” from the last finding to the first.
- Fixed a problem that could cause finding default values to be cleared if no other options were selected.

General Interface

- Fixed tab ordering issues on some input forms.

History and Text View

- Fixed an internal configuration issue that could cause DVMAX to lose track of history viewing within the Text View feature.

Invoices

- Added a fix routine - “fix_210316”. This will fix taxes on invoice line items for sites that converted from 6.6.x or earlier to 7.0.10 or 7.0.11. Note that each affected invoice will be recalculated.
- Tax Amounts are now correctly copied from old invoice line items into new line items when converting from 6.6.x to version 7.

Macros

- Macros that are incorrectly set up with an unbalanced number of opening and closing tags could cause DVMAX to freeze when a user attempted to insert the macro. This has been fixed.

MRCs

- Fixed some issues with the MRC interface when dealing with “bundle” MRCs.
- Added **All** and **None** buttons to the species list on the MRC input form.

MREs

- Multi-page PDFs are now supported as MRE attachments.
- MRE-driven changes recorded into the **Comments** field of an AHR (like weight changes) were using the current date, as opposed to the **Date Performed** from the MRE. This has been fixed.
- Fixed an issue where **Utilities->Assign MRE** would not accept fractional MRE quantities.

- On MREs the **Treatment Plan Wizard** button is only enabled for new MREs that have an MRC.
- Fixed an issue when attempting to use **Assign MRE...** to assign an Individual-mode MRCs with associated actions to a selection of animals. The audit dialog would appear incorrectly, preventing the MRC action from working.

Password Aging

- Password aging has now been added to DVMAX Research. The aging is controlled by 2 new advanced settings:
security.maxPasswordAge - defaults to 90 (days)
security.minPasswordLength - defaults to 6 (characters)
- The Designer ('Sneakers') user is exempted from password aging requirements, if enabled.

Principal Investigator

The **PI** field in the following locations now displays the PI in LastName, FirstName (login id) format :

- AHR
- New AHR, after choosing a study
- the Assign to Study dialog, after choosing a study

Reports

- Fixed some formatting issues on the "Animal Statement Report" that only appeared under OS X.

Rack/Cage Locations

- Fixed an issue that could cause **Rack/Cage** popup values to not be saved.

Searches

- A new animals search has been added - "With Open Cases". This will return all animals that have open cases, optionally filtered by location.

Security

- Added a new role "Animal Husbandry". This role has no ability to view existing animal history or print reports, although it can create new To Do and MRE records.
- Security improvements to the "Animals by Room" section of the Web UI.
- Security improvements to To Do section of the Web UI.

Spell Checking

- There is now automatic spell-checking for the MRE comments, and the AHR comments. Tabbing or clicking out of the field after modifying it will bring up the spell-checking dialog.
To turn this spell-checking off, set the **general.spellCheckComments** advanced setting to "false".

Studies

- Improved performance when working with datafiles with large numbers of [AHR_Study] records.
- Fixed a performance problem that could occur when opening AHRs. The problem would only happen for sites that had large numbers of studies defined.
- The list of studies in Setup can now be filtered; the study input form now lists associated study persons sorted by last name.

To Do Items

- Fixed a tab-ordering problem on the To Do input form. This issue occurred only on Mac OS X.
- Fixed an issue where newly created To Do items would incorrectly have a date and time based on the client workstation date and time, rather than the server date and time.
- Fixed a time scheduling problem that could occur when completing To Do items that have an interval value that forces them to be scheduled for the next day.

- To Do titles can now be up to 80 characters long - they were previously truncated at 40 characters.
- Fixed tab order issues on the **To Do** tab of the AHR input form.
- Open an AHR with pending To Do Items. Clicking on the blue hyperlink pending message that displays at the bottom left of the Animal Info tab will now take you to the To Do tab - it was incorrectly moving to the Financials tab.
- When adding a To Do item to an AHR DVMAX will now do a “contains” search on the code descriptions.

Treatment Plans

- Fixed an issue that could cause treatment plans created from saved treatment plans to appear in the **To Do Templates** tab in Setup.
- Fixed tab ordering issues on Treatment Plan Wizard input form.

Web Access

- When completing a To Do on the web, resulting MREs will now have the **Performed By** field set to the currently logged-in web user by default.
- Sites with immense amounts of studies will no longer have difficulty reserving an animal via the web, or in creating a new AHR via the web.
- Modified the study list in the following places in the Web UI: - New AHR form - Reservation screen (when adding study reservation MRE) Each item in the list of studies now shows the study number in addition to the study name.
- The Clinical Case input form now requires that a complete animal ID be entered.
- The Clinical Case Web UI now allows for MRC Findings entry.
- Fixed an obscure problem that could cause the DVMAX webserver to not start automatically at startup when specified.
- Fixed an Active 4D syntax error that could in some cases prevent an MRE from being successfully added from the Web UI.
- Fixed a condition in the Web UI that would result in the inability to add an AHR if a USDA ID was provided by the user.
- Improved performance when loading Web Users and AHR Studies for systems that have large numbers of studies.

Weight Finding

- Fixed an issue that could cause a spurious validation alert to be displayed when entering an ACWT “Weight” finding value.