MWEngineeringChange 6.1
Service Pack Release Notes

Bug Fixes

- Actions configured to fire only when skipping over a dynamic state were also firing when going into the dynamic state.
- Stronger checks against duplicate IDs.
- In environments with the MechWorks PDM option set to localize the UI, the DOCUMENT commands in the EC Search dialog were not working.
- If the user's username had a dash in it, this would cause a crash when using the EC Search dialog.
- Rejecting back several states (but not out of workflow) was incorrectly causing the states in between to be disabled.
- When removing a jump from a workflow menu, no reason was given to the user. Now, a tooltip is displayed over the "Reject" or "Approve" button explaining the reason for the missing jump.
- When installing for the first time, the Power BI tool is no longer set as an admin tool.
- The counter suffix "01" was not added to the first RLMD created.
- Changing the action type (including when creating a new action) would not change the in-memory action type. This would result in the action not loading correctly (and not behaving correctly) without restarting MechWorks PDM.
- When attaching a master drawing to an email, sometimes other attachments were not included
- When displaying the users assigned to a workflow state, the currently assigned user was not bolded

MWEngineeringChange 6.0
Release Notes

BEHAVIOR CHANGES

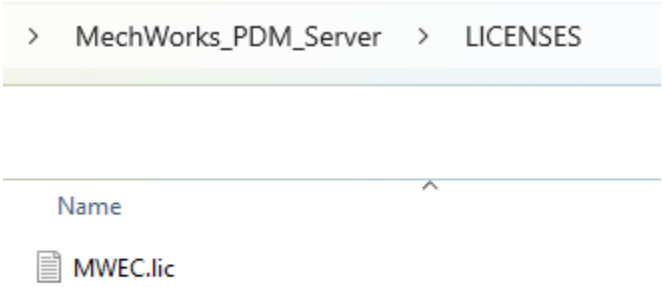
TLS 1.2 Protocol

To improve performance and security, MWEngineeringChange will now use and require TLS 1.2 protocol. TLS 1.0 and TLS 1.1 are outdated protocols that no longer meet industry standards. Most Windows environments already use TLS 1.2 protocol, but if you'd like to check your environment, the following tool can be used:

Qualys SSL Labs - Projects / SSL Client Test

MWEC.lic File

MWEngineeringChange will now require a MWEC.lic file installed in your global parameters path:



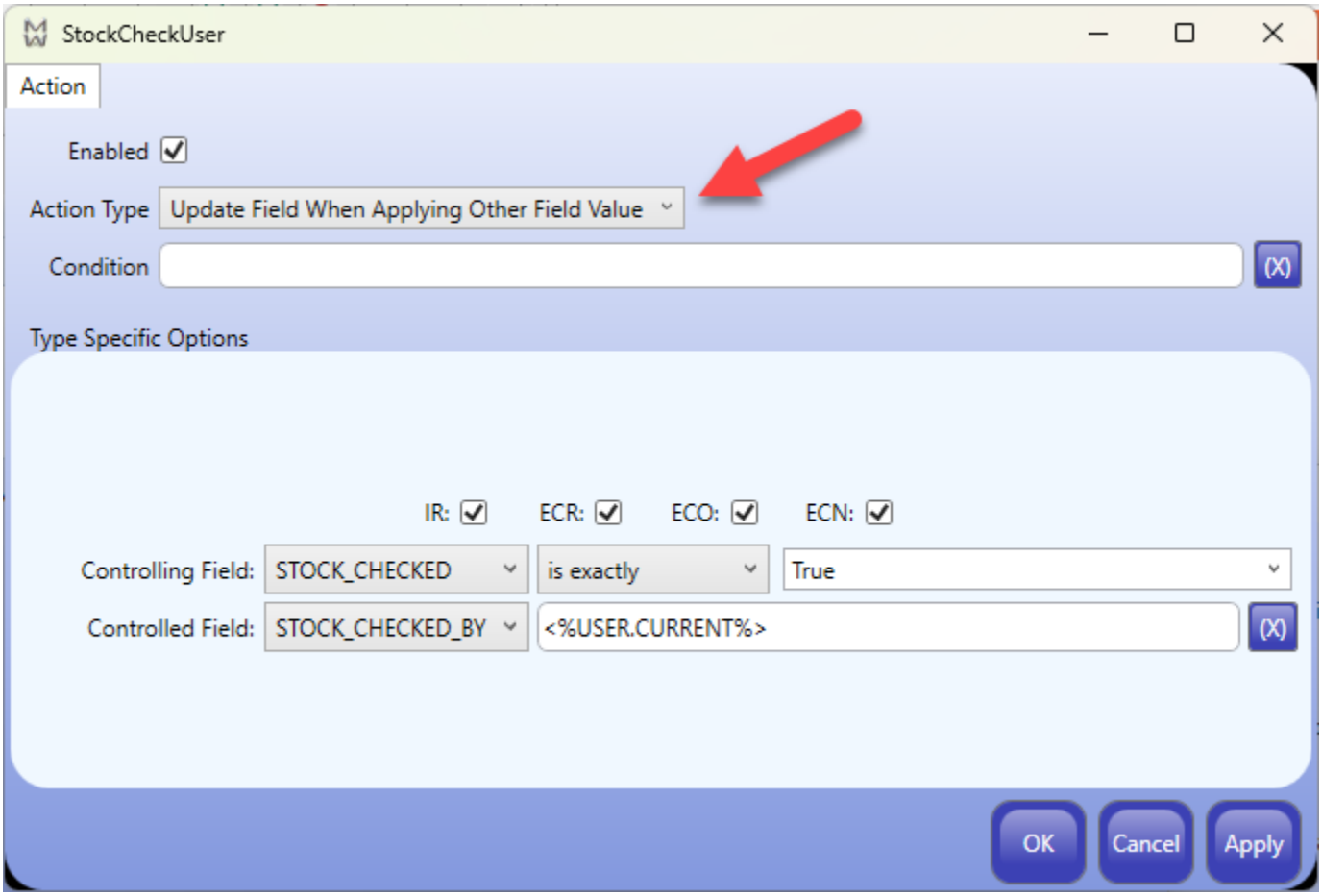
If you don't already have an MWEC.lic file, please contact our support team at support@na-ips.com.

ENHANCEMENTS

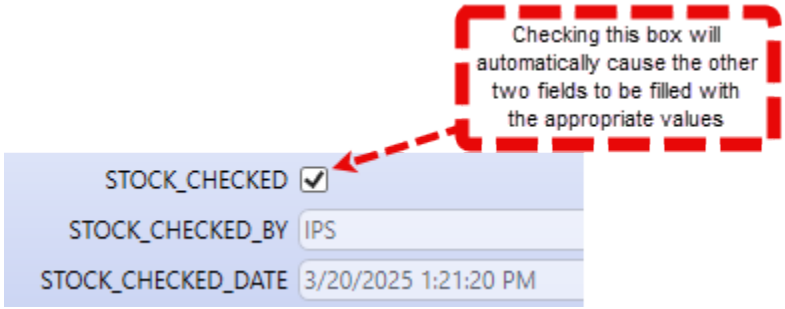
Actions

New Action Type: Update Field When Applying Other Field Value

A new action type can be configured in the Action Designer Admin Tool:

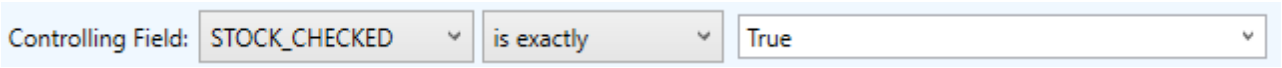


This type of action can be used to update a field when a different field is modified. For example, it could be used to fill in a STOCK_CHECKED_BY field (or a STOCK_CHECKED_DATE) field, when a STOCK_CHECKED field is checked:



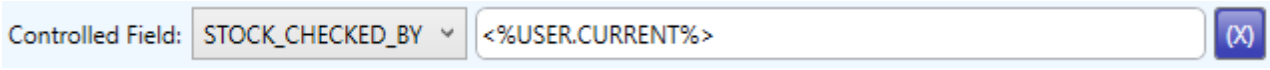
Each of the action specific options is explained on the next page.

Controlling Field:



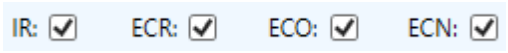
When this field is changed in the way indicated, it will trigger setting the Controlled Field. In this example, setting the "STOCK_CHECKED" field to "True" (or checked) will trigger setting the Controlled Field.

Controlled Field:



The field that will be set. In this case, the "STOCK_CHECKED_BY" field will be set to the current user's name.

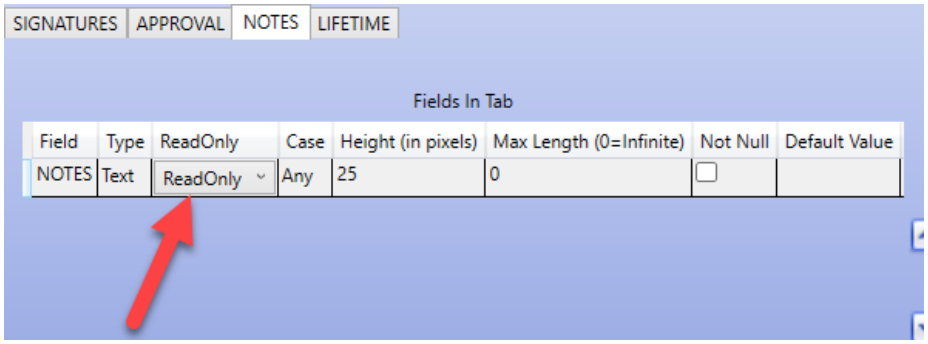
EC Types:



These check boxes indicate which types of EC records this action applies to. The "Condition" can be used in addition to these check boxes to further filter which EC records to apply the action to.

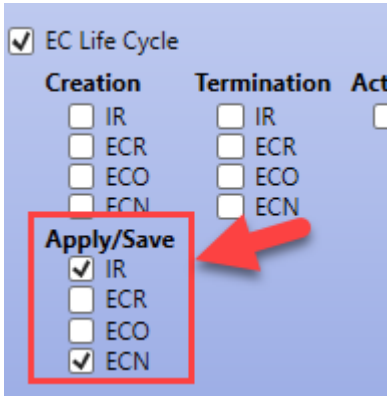
NOTE: The Controlled Field will not be updated until either the [Ok] or the [Apply] button within the form is selected.

NOTE: Because the content within the Controlled Field is automatically addressed (using this new enhancement), it is recommended that the Controlled Field is set to be [**Read Only**] within the respective data form (following is just a reference to the setting):



New Action Trigger: Apply/Save

A new action trigger has been added:



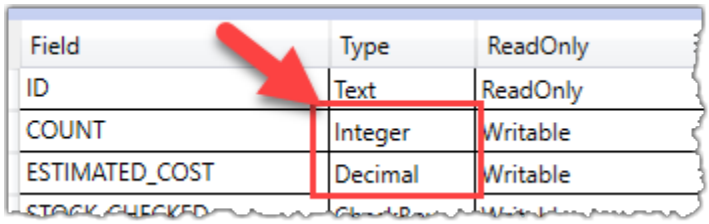
When selected, the action will fire right after the Apply/Save button is selected.

While this trigger can be used to execute almost any type of action, it would most commonly be used to fire a custom script after the Apply/Save button is clicked.

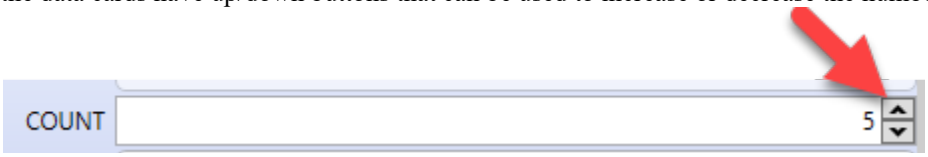
Data Cards

Integer and Decimal Field Types

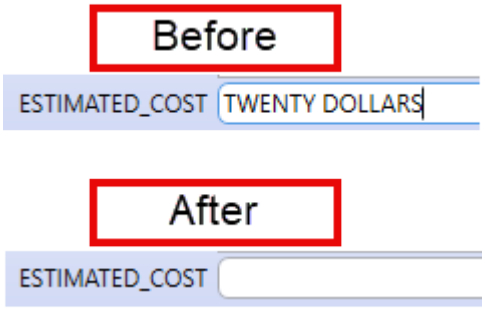
Fields that are “int” or “decimal” type in the database can be configured as “Integer” or “Decimal” in the data cards:



“Integer” fields in the data cards have up/down buttons that can be used to increase or decrease the number:



“Decimal” fields in the data cards will “null” values out if the user does not type a valid decimal:



Bug Fixes

- If the user opened the Admin Tools before any other dialogs, an error would be displayed, and no dialogs would open until MechWorks PDM was restarted.
- The PRIORITY_1 field was not updated when the PRIORITY_2 field was modified
- If an action's type was modified (including when creating a new action), the new type was not saved in memory. This resulted in the action not loading properly if the user closed and reopened the Action Designer Admin Tool.
- The EC Search tool was not always opening correctly due to missing DevExpress .dlls