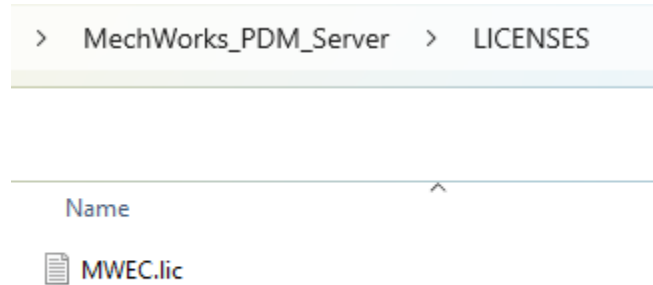# MWEngineeringChange 6.0.0

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 TLS 1.0 and TLS 1.1 are outdated protocols that no longer meet industry standards.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

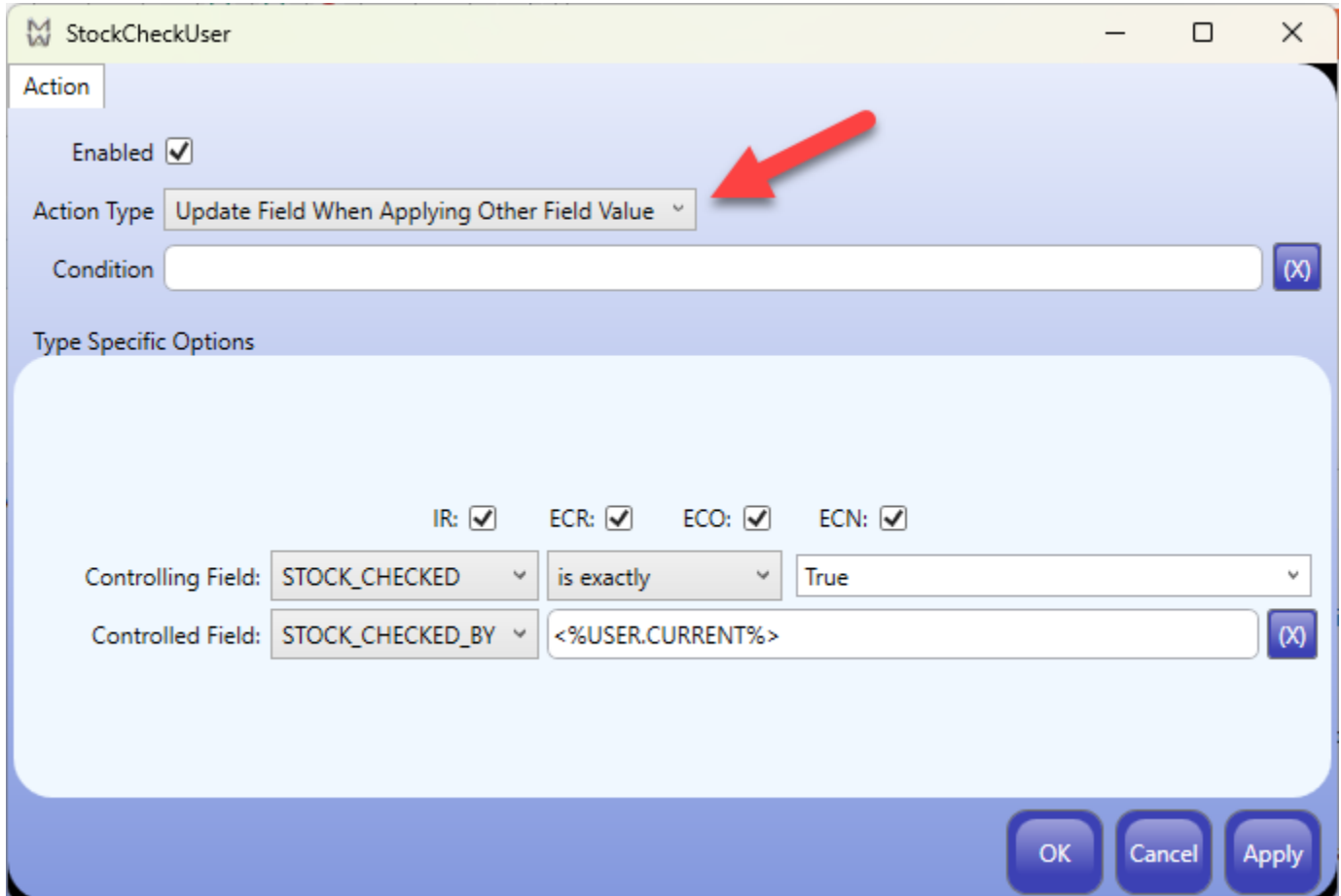MWEngineeringChange will now require a MWEC.lic file installed in your global parameters path:

> MechWorks_PDM_Server > LICENSES

Name

📄 MWEC.lic

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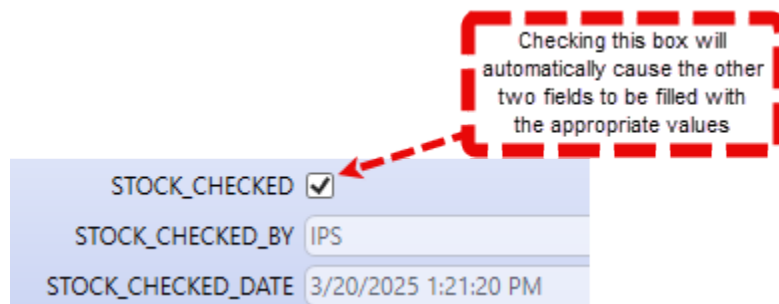
ENHANCEMENTS

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):
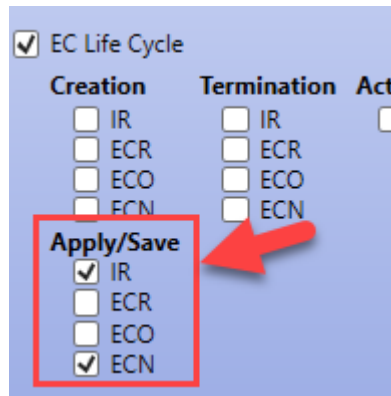
New Action Trigger: Apply/Save

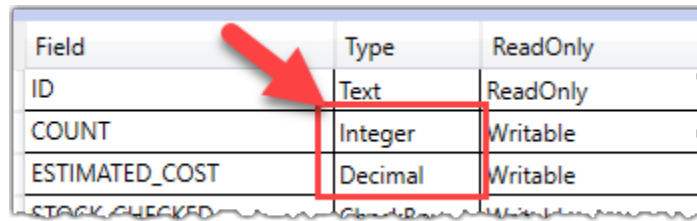A new action trigger has been added:

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:

Field	Type	ReadOnly
ID	Text	ReadOnly
COUNT	Integer	Writable
ESTIMATED_COST	Decimal	Writable
STOCK CHECKED		

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

COUNT	5

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

Before

ESTIMATED_COST	TWENTY DOLLARS

After

ESTIMATED_COST	

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