



# Resolved Issues

MagiCAD 2018 UR-3 for AutoCAD

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## RESOLVED ISSUES

### COMMON

#### **Authorization information was not written to the IFC model**

The previous versions of MagiCAD wrote only Author and Organisation information to the IFC model. The authorization field has been added to the project settings (V&P, Electrical and Room). This information is written to the IFC file header.

#### **Incorrect font used in was sometimes used in the part properties dialog of a shunt**

Now custom controls use font of the owner window.

### VENTILATION AND PIPING

#### **Change properties created a strange T-branch**

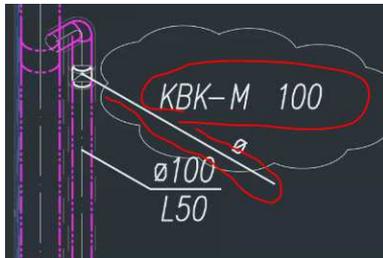
When T-branch is changed to "duck tail" type with the change properties, the appearance of the T-branch was incorrect.

#### **Sprinkler calculation extrapolated Leqv of big pipes incorrectly if NFPA is used**

This error is corrected.

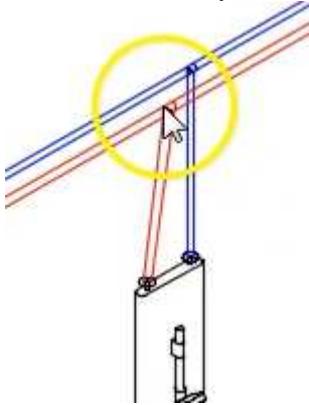
#### **Text in Automatic Text flag gets separated from the baseline after MAGIEXPLODE**

Exploding automatic dim.text now keeps the text and line under text in same place, unlike in this erroneous case.



Pipe connection of a water point was not working correctly

If the shown point on the pipe is very close to the connection point of a water point, the connecting pipe was not drawn correctly. This error has been corrected.



### **Sprinkler calculation did not always work**

Sprinkler calculation had a problem where it could not read all the data from the objects.

### **Deleting ducts connected with taps behaved oddly**

Deleting ducts connected with taps leaved an open end that is sideways and an "Outlet-00". Deleting the open end is possible normally, but the outlet can only be deleted after a new duct has been drawn with a T-branch.

This behaviour is corrected and the outlet is normally deleted when needed.

### **Copy branch to differently spaced pipes from a T-branch ended up in a situation where the pipes looked disconnected in 2D/3D modes**

This happened when the branch was in Z-direction.

### **Show message dialog did not open automatically**

When the radiator height level is changed and changing is not possible, MagiCAD no longer gives an automatic warning. Instead the user need to click "show messages" button or start Radiator dialog and click cancel.

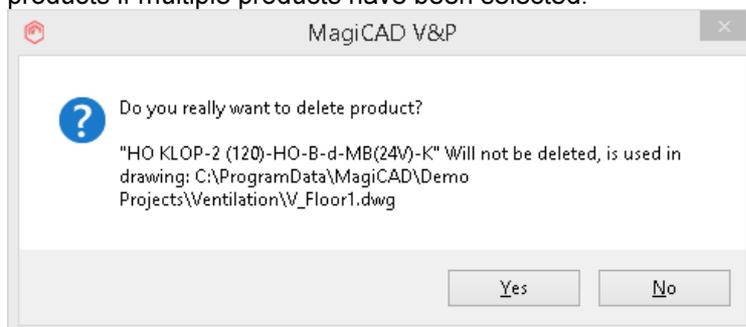
Now warning dialog is opened automatically when Radiator size changed fails

This error was specific for version 2018 UR-1 and 2018 UR-2

### **Trying to delete a product gave misleading options**

When the user tries to delete a product from a project, a misleading message was shown. "DO you really want to delete product?" with options "Yes" and "No".

While it is not possible to delete the product which are in use it can be possible to select some of the products if multiple products have been selected.



The message has been changed so that if none of the selected items can not be removed, message box with only "Ok" button is shown.

### **Sizing broke the ventilation system**

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In some rare situation, X-branch breaks if the system is sized several times. It looks like the duct connected to the X-branch is very slightly slanted.  
This error has been corrected.

**MagiCAD IFC exported insulation even if it was not selected in the object selection set**

Now insulation is not exported if it is not selected.

**Select part list was always empty in a section view**

In MagiCAD version 2018 and later, there is a problem when a dimension text is added to a section view and when there are objects behind other objects.

The object selection list was shown, but it was always empty.

Now the objects are visible in the selection list.

**Climate beams with only heating/cooling connection were not visible in report**

The report was missing the climate beams that don't have a duct connection. Also the fan coils had some inconsistent behaviour.

Now the climate beams with no air connection are shown in the reports.

**Nested XREFs in section didn't work properly**

Section worked with 2016-UR1 in a project that had HsbCAD-parts in an xref. With MCACA 2018 & 2018-UR1 sections don't work properly anymore.

This behaviour was related to HsbCAD and is now corrected.

**Inaccessible buttons in the dialog when deleting a large amount of parts from project**

When user tried to delete a large number of products from the project, the dialog buttons were inaccessible and the dialog couldn't be closed.

The project's delete dialog has been changed so at most 5 items are shown in the message box.

**There is now possible to choose between a small and capital letter size per mille sign in MagiCAD**

The size of the per mille sign has been too small. There is now possible to choose between the small and capital letter size in MagiCAD



**ELECTRICAL**

**Merge project loses automatic text from device if the text already exist in project**

If both projects had the same text format, merge lost the automatic text from devices that were merged.

**Connecting to a cable packet should not reset switchboard / host reference**

If a circuit was connected to a cable packet that was not connected to any switchboard or host it lost the reference of manually selected switchboard / host.

**Sorting of products adjustments**

Now sorting columns puts empty fields to the end of the list.

**If using AutoCAD 3D block as the 3D model it doesn't show correctly in section or IFC Export**

AutoCAD 3D block didn't work properly in section view or in IFC. Now they show as they should.

**Update DWG is not updating properly if some model dwg is not found**

Update DWG function didn't update all objects in every drawing if some of the model drawings was either missing or could not be accessed.

**You can use "cable tray change properties" to lighting tracks and LED-stripes, and vice versa**

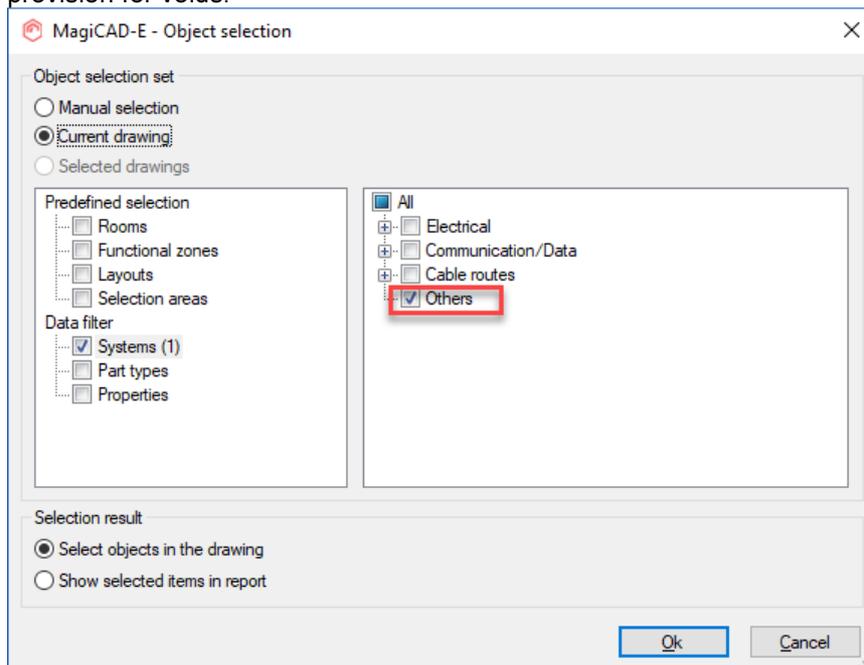
When using Change properties function and having "cable tray" as object type, it also changed properties of lighting tracks and LED stripes even though object type didn't match.  
Same thing also happened vice versa.  
Now it only changes properties if both system type and object type matches.

### Storey data into was not stored into project if the drawing isn't connected to room project

Now storey data is saved to the electrical project whether the drawing is connected to room project or not.

### Impossible to export Provisions when using system filter in Electrical

System "Others" have been added to system filter in Object selection dialog. That system class includes provision for voids.



### Report tool shows only combination box - not devices inside of it

Report tool now shows devices inside the combination box.

### Legend tool doesn't work correctly if there is user symbol with text/attribute

In some cases if a symbol had a text/attribute shown it made the legend cell really huge. Now they all come as normal size.

Symbol selection should not be available when connecting a data cable to a host device directly  
When directly connecting data cable to a host device symbol selection is no longer available in the dialog.

### Russian AutoCAD works differently with Vertex

Language specific "REGEN" switched to language independent "\_REGEN"

### Direct Set Properties and Cable Sizing & Circuit Management unable to update PD data

When changing protective device to a circuit using Set Properties or Cable sizing & Circuit Management block attributes in switchboard schematics didn't update. Now the data is updated correctly.

### Some options are missing when starting installation with Create Similar

Now all installation options are available when using Create Similar.

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## **SCHEMATICS**

### **Schematics, symbol and text orientation issues**

When installing a group with devices which have automatic texts, the texts are placed correctly.

## **ROOM**

### **Beams/column dialog doesn't remember the last used values**

Now beams/column installation dialog remember the last used values

### **MagiCAD Room IFC Space Update doesn't understand IFC4 format**

Now IFC import and IFC space update work with IFC4 files.

### **Room information - the unit labels are not translated (hard-coded)**

In MagiRoom's Project / Room-info dialog the units were hard-coded. Now they were added to MagiRoom's text database, so they can be translated.