2023 Series Update 1

This package includes all updates for Electro Graphics products 2023 Series.
Following a description of the new features and corrections.

CADelet, iDEA, Eplus

Cable laying table

Corrected cable drawing anomaly in the cable laying sheet: after the insertion point was selected by the designer, the representation exceeded the remaining space in the table.
Furthermore, in this condition the designer is now asked whether to proceed with drawing the cable starting from the selected point or starting from a new sheet which will be automatically added.

Automatic connections with arches drawing

Corrected drawing anomaly of the automatic connections of symbols to power lines, whereby the arches were not drawn in the case of right angle or inverted connections.

Connector table

Corrected anomaly in the drawing of the connector table, for which the Wire code column was also filled in for pins not inserted in the diagram.

PLC - Operand data shift

The Mark information (customer identification of the Plc card, not related to the data that constitute the link between the card and the main unit) is now one of the data that can be moved during PLC operand shift settings (see Shift settings in the slider menu in PLC Management).

Ampère line

RC residual current release relay type protections

After installing the Ampère Update 1 version 2023 and the revision package of the Devices archive, the software manages the RCDs according to their true nature as RC type RCDs.
For all the information, see the attached technical support study.

Protections

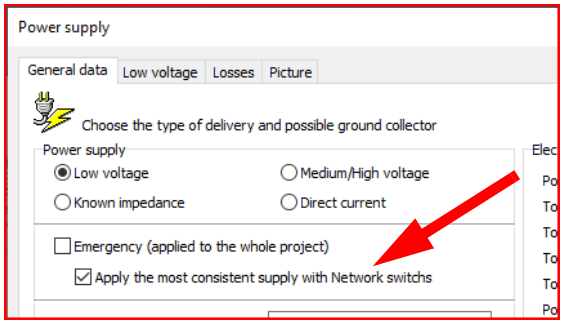
Added a congruity check of the protections assigned to a unit, which informs the designer when the chain of devices is made up of different manufacturers.

Loop connection of two users

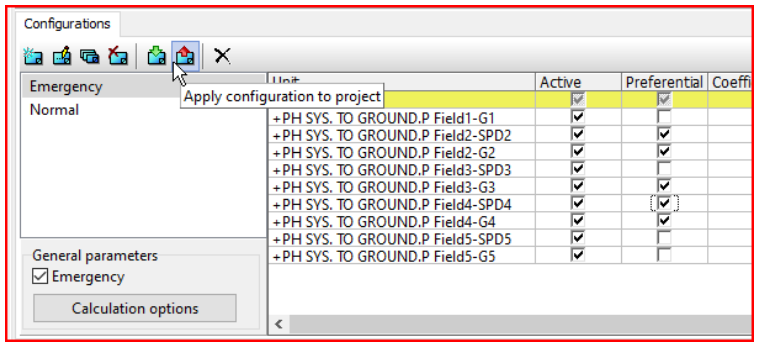
Corrected anomaly that blocked the loop connection of two users with the voltage inconsistency message, due to cases of rounding of the phase voltage values.

Configurations

In the supply data it is possible to activate the function which, when the supply is placed in emergency, applies the most coherent source in the network-group switches of the network.



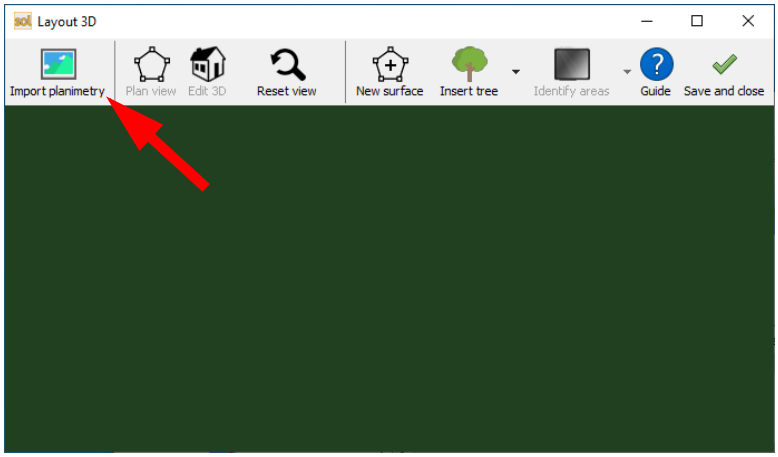
If this function is active and a configuration that provides for the transition from Normal to Emergency is applied to the project, this function is now also performed. As mentioned, it operates in the switches present in the network and avoids having to act manually on the individual switches as was necessary in previous versions.



Solergo

3D layouts

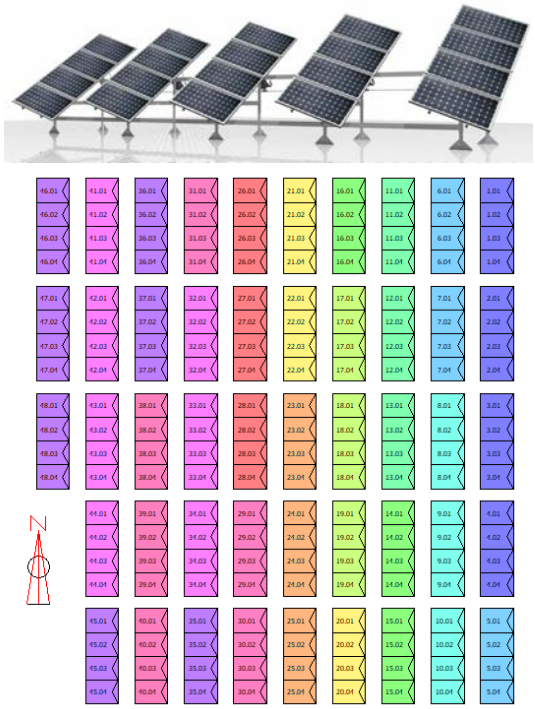
To deal with a recent update of the Windows system (Microsoft WebView2 component), when starting the 3D Layout window, if the plan is missing (for example in a new project), the plan import window is no longer opened automatically. It is therefore necessary to press the appropriate Import planimetry button.

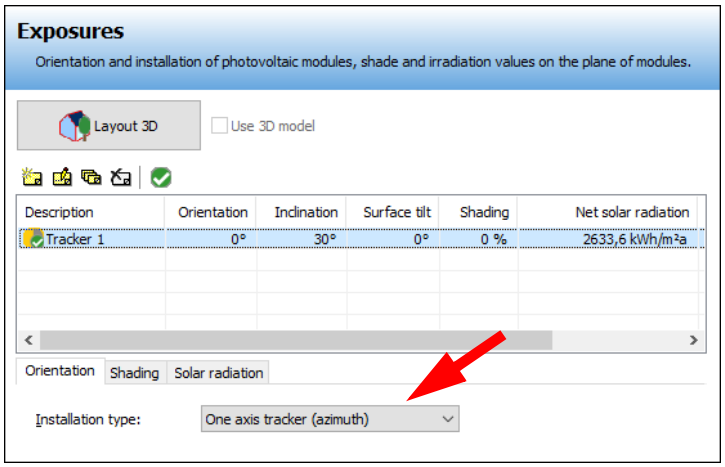


Module positioning in the plant layout

- Roll-tracking PV module structures feature servo mechanisms that track the sun along its daily path across the sky, rotating along a north-south axis each day.

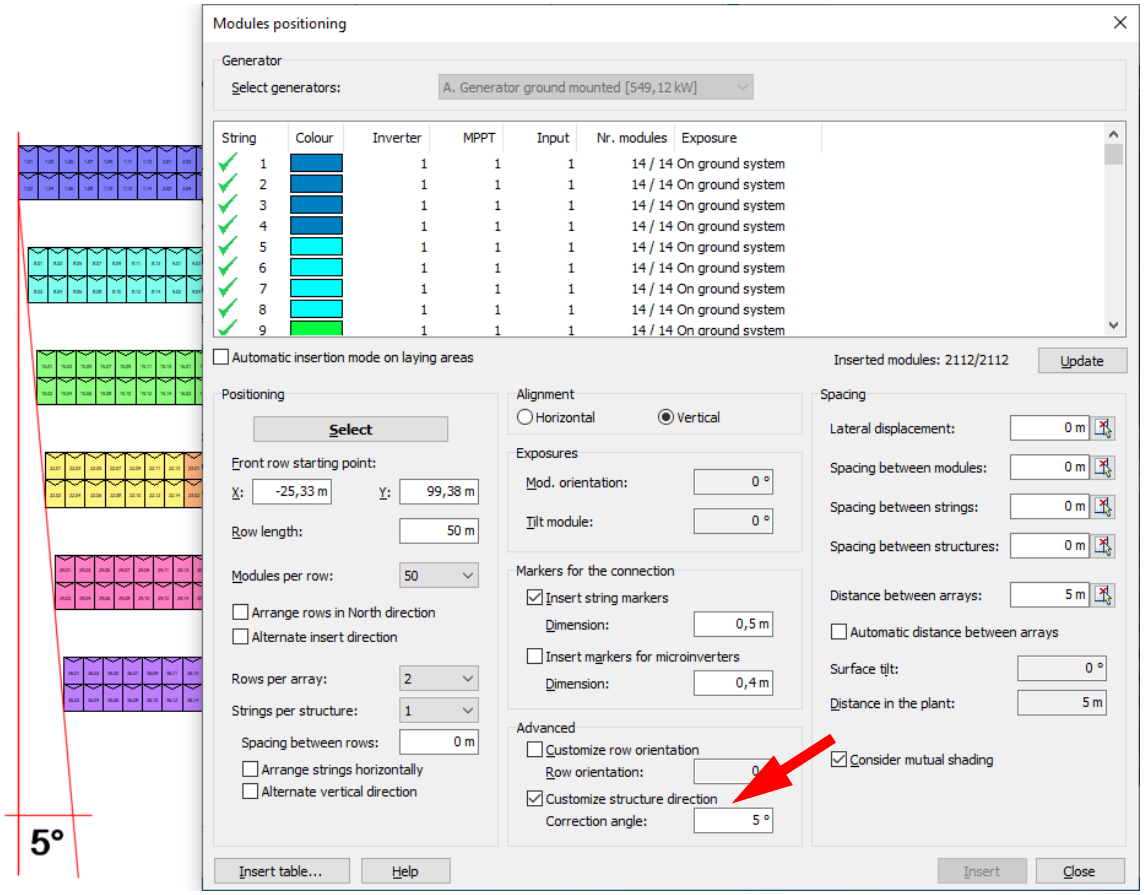
In Solergo these structures are defined by the ***Inclined axis tracker*** option which must be set in *Installation type* in the parameters of the exposure associated with the photovoltaic modules (Exposures page).
The positioning in layout of the photovoltaic modules of structures with inclined (roll) axis tracker now takes place automatically with the strings inserted along the axis, therefore in the north-south direction.





- The automatic arrangement of the layout of photovoltaic module structures has been further simplified, for all types of installation, for cases in which the installation background is not orthogonal to the orientation direction.

An input parameter is now available in the Module Positioning window to customize the elongation direction of the various structures. In the Advanced pane you can activate the ***Customize structure direction*** checkbox and specify the correction angle. For fixed structures the correction angle is calculated with respect to the direction perpendicular to the orientation of the modules.



All products

Other fixes and improvements

Fixed additional specific anomalies related to isolated cases.