2021 Series Update 1

This package includes all updates for Electro Graphics products 2021 Series.
Following a description of the new features and corrections.

CADelet, iDEA, Eplus

Multisheet
Fixed automatic title block replacement function, which was incorrect if the block name had both lowercase and uppercase characters.

Terminals
Fixed anomaly in the assignment of the terminal number during the diagram analysis operation with the Terminal pin = wire number option set, in the case of single-pin terminals disconnecting the wire (see the wire numbering option Terminal search distance). In that particular condition, the terminal was assigned the number of any of the wires connected to the terminal. Now the number of the first wire is assigned, according to the positional ordering of the wires set for the scheme.

Drawing ducts
Fixed of the duct drawing function, in the normal mode (not oriented to the coupling of symbols): during the coupling between ducts with different elevations, vertical sections could occur near the junction.

Network management
- Fixed the handling of the distance from the line head, for upright units downstream of upright units.
- Improved automatic insertion of cables in conduits with multiple compartments.

Bill of Materials
Fixed the count of the junction elements in the cable trays in the extraction of materials for Tabula.

Simbols legend
Fixed the position of the symbols in the legend table generated by the LLEGENDA command in the case of symbols with two description lines, in the setup parameters in the Symbols Library.

Material tables
Correction of the CAD drawing of the custom Tabula tables: some print settings could not be correctly applied.

Single-line units diagram
- Fixed the anomaly in which the code of the differential protection element with separate toroid present in a unit with MT+D protection was not reported in the symbols inserted in the single-line diagram. The absence of the code in the symbol caused the non-export of the material item in the Tabula list and the lack of presence of the device in the panel layout. The toroid code is now inserted in the symbol related to the protection device.
- In the diagram drawing with the Trace PE line option enabled, the motor-type loads are now drawn with an offset to avoid overlapping; the SPD elements are connected to the earth collector.

Save as Pdf
The documents attached to the materials, in pdf format with password protection, cannot be linked to the pdf print.
Also, in the Bookmarks panel of the Adobe Acrobat Reader PDF viewer, pdf files with Password Protection for permissions are added to the Attached documents list, while pdf files with Password Protection for opening document are not.
At the end of the printing, a window is displayed with the list of files that cannot be opened or with password protection for document opening; the displayed list can be copied to the clipboard.

Terminal and connector numbering (MSIGLA)
Correction of an error of identification by abbreviation, location, function of terminal block or connector in case the project name contains the character '.' (point).

Panel layout
Corrected anomaly for which the drawing of the layout of the panels showed an incorrect number of elements for the connectors having main code concatenated with one or more accessories.

Configuration parameters
Fixed an anomaly where the drop-down lists of the Colors pane of the Configuration Parameters>Document format window do not show the correct color of the sheet layers (for symbols, texts and wires) but the "By Layer" value.

Setup environment
Fixed an anomaly in setting the symbol scale in case the decimal separator set is the comma character.

Cross reference
Fixed anomalies that were found in particular conditions in the generation of the cross reference.

Content markers in the conduit sections
Fixed an anomaly in the synthetic markers on the unit lines: in the case of terminal line sections, in some cases the minimum section was shown instead of the section of the unit cable.

Cablo

Cable detail diagram
Fixed the function Draws the detailed diagram of the cable with option *Extend the representation of the cable also to the connected connectors* so that the representation does not include the cables connected at the opposite end with respect to the cable selected for the drawing.

Ampère line

Power balance in grid with AC/DC converters
Fixed the current balance of use of generators in grid with AC/DC converters, generators power regulated in DC side and asynchronous motors on the AC side.

Inverter for VFD motors
Improved the short-circuit check of the power supply line of a motor in the presence of a VFD inverter; an erroneous inconsistency could be reported.

Printouts about protections calibration
Fixed printing of calibration data for protections that cannot be calibrated.

Loading projects
Optimized and speeded up the loading of projects.

Meshing
Improved sorting of units in the list of the Project panel.

Ground network
Before deleting an earth collector, a message now informs whether it is used by any unit or supply point and asks for confirmation of the deletion.

Not active terminal units
Fixed case where the power in not active terminal units changed automatically following the net calculation.

Phases connection
Fixed case for which the phases connection in single-phase units downstream of three-phase distributions, changed automatically.

Verifications
Fixed case where the name of users without the Zone specification was missing the first letter in the Verifications panel.

Line type
Fixed line formation calculation, following the change of line type from Busway to Cable.

Edit selected units

In the window for editing the protection data of more selected units, the *Presence of upstream backup protection* option is now disabled, being a modification not allowed; previously, although the operation was not allowed, the control was enabled.

EgLink

Project start

Fixed critical startup of projects saved on the BIM 360 cloud.

Grid analysis

The time of analysis of the network of cable channels and protective pipes have been improved, especially in the presence of a large number of unconnected sections.

Solergo

Calculation of voltage drop in aluminum cables

Fixed the calculation of the voltage drop of the cables in the case of using aluminum cables according to the new CEI UNEL 35023: 2020 tables; previously it was rated up to about 1.5 times.

Documentation

Fixed printing of the trackers table in General report in projects with a single inverter and multiple trackers; now the table reports all trackers.

All products

Text translation utility

The automatic text translation utility has been updated with Bing Translator 3.0. The previous version 2.0 will be discontinued by Microsoft shortly, so if you do not install this update the automatic translation function will no longer be usable.

Other fixes and improvements

Fixed additional specific anomalies related to isolated cases.