



Generality

Job order management, network projects sharing, backup and recovery. Saving the project to EG Cloud and sharing documentation. Management of user profiles for conditional access to the common database and library. Management of interface styles (dark theme) and HDPI screens.

Materials database

Full management of warehouse with definition of the id code and features of items (description, unit of measure, manufacturer, supplier, group). Setup of alternative currency and exchange values. Economical data assignment (price list, purchase discounts, reloads, selling price) with prices in Euro or alternative currency. Technical data assignment (size, dimensions, weight, heat dissipation), figure or shape, movements and inventories, electrical symbol, multi-lingual descriptions connected with the dictionary. Assignment of links to the web or QRcode. Assignment to material items of any documents, divided by language, that can be displayed in CAD. EGData Exchange: download and importation of egz data packages, classified by manufacturer and series, to update and enhance all database. Attribution of installation time and type of manpower. Arrangement of elements in the BOM (accessories or kit) in order to join several parts as single functional element. Management of the manufacturers, groups and suppliers database. Changing prices of materials, with recalculation for group, manufacturer or supplier. Material handling, with loading and unloading. Searching on database with optimized filters for categories and manufacturers. Access to all database in client / server mode, with a powerful search and filtering engine. Possibility of using alternative database engines such as MySQL, SQLite or SQL Server.

Integrations

CADelet Impianti, Eplus: electrical system engineering.
 CADelet Schemi, iDEA: wiring diagrams for industrial automation.
 CADelet Professional: electrical system and wiring diagrams engineering.

Importing Metel file via Web

Importing data to the material database from Metel files provided by electric material manufacturers. Updating via Web choosing among more than 140 manufacturers.

Bill of materials

Listing, editing and counting of the materials used in the construction of an electrical panel. Creation of bill of materials by importing all the item codes linked to the elements on the electrical drawing of the panel or plant. Information data organized by manufacture, group, family, locations or function. Definition of locations or function of components. Assignment of reference code to P&ID elements. Management of function and location by levels. Other database and components library are linked to the materials database, from which they get prices, descriptions, size, suppliers and everything else needed for the processing of materials list, estimate bill and picking list on warehouse. Table of installation labor. Management of any basic bills or accessory elements to obtain a detailed list.

Alternative bill (account of manufacture)

The realization of panels or electrical systems affects, often, one main company and various subcontractors; in these situations, the general diagram and the related materials list, can provide for the list of elements under processing. Tabula can handle these situations, allowing a differentiation of the list of materials according to their state of supply.

Comparative bill

A second quantity field is available for each item of a bill; it is useful to compare the quantities of estimated and used material items. Importing other BOM, for example the preliminary list, in order to compare the estimated items and the items extracted from the executive diagram drawing.

Spare parts list and assembling list

For each element in the bill it is possible to obtain the spare parts list with definable quantities. Assembling list are produced, with the references relating to the type and the location of the components in the panel, to make easy the wiring operations in workshop.

Preliminary list

Before to drawing a diagram or plant, you can compile a bill of materials (also called preliminary list) with all kinds of elements that will be used in the project of the panel, with its estimated quantities. Preliminary list is useful to compose and print a complete estimated order list and use it with the design. Insertion and / or assignment on the drawing of estimated materials.

Order list

Elaboration of the material order list for related supplier, following the bill acquisition. Unload of used elements from the warehouse, with report of possible under supplied items. Management of warehouse availability, and order list elaboration considering the minimum order provided for each article.

Machine datasheet or plant technical file

Automatic extraction of all technical documents of the devices included in the wiring diagram or in the specific costs analysis. Creation of the supporting documentation, for the preparation of the machine handbook, and for the maintenance of the equipment used in the system. Exportation of the documents index on html file, and generation of a PDF for a quickly access to all information of the plant equipments.

Translation

Automatic translation of UNICODE UTF-8 texts or descriptive elements of a project in more languages. Dictionary supplied with thousands of texts translated in six languages. Management of up to ten customized dictionary organized in six languages each one. Arrangement of not translated texts in order to be added later to the dictionary. Material tables and export of them with bilingual descriptions.

Printouts and PDF

Reports printing with possibility to select constructor, group, family, location and function. All the reports are editable in the descriptive part, with possibility to choose among six languages. Parametric printing with customizable profile. Printing or concatenation of reports on PDF file.

Exporting

All reports can be exported as ASCII, XLS, CSV, HTML, RTF, WMF format. Any changes to the code and descriptions of the items in the bill, automatically update the DWG diagram which they come from. Exporting to ODBC data source for generating tables in a proprietary format database that exposes a data source via Open DataBase Connectivity, such as SQL Server, SQLite, MySQL. Integration with Autodesk Vault PDM, allowing for the exchange of data and optional exportation of bill of materials.