E2R WEIGHING RECORDS PC SOFTWARE

RADWAG®

Application:

E2R WEIGHING RECORDS can be applied wherever the weighing process is a stage of: production, quality control, sales, purchasing and logistics.

E2R WEIGHING RECORDS ensures:

- Safe and continuous measurements record on workstations;
- Caching of weighings on weighing instruments and sending them to a computer;
- Warehouse management for HTY, WLY, WPY, TMX instruments;
- Integration with the production environment and company administration (external programs for: stockpiling, billing, accounting, ERP systems);
- Direct operation on production halls;
- Integration with RADWAG weighing systems.

Designed for operation with scales:

- 3Y, 4Y, X2 and R series;
- Based on indicators models PUE C32, PUE C41, PUE 5.xx, PUE 7.1, PUE HX5.EX, PUE HY10.
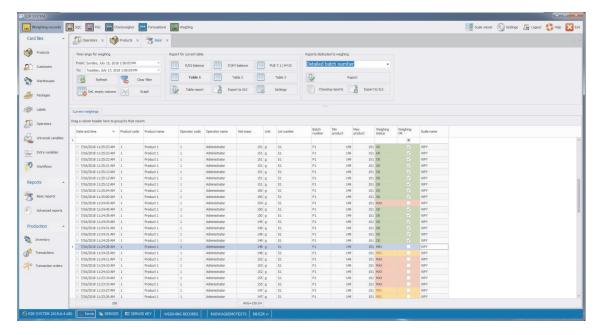
Key functions of E2R WEIGHING RECORDS module:

- Automatic synchronization of time on the workstations;
- Sending databases from a computer to weighing instruments: Products, Customers, Operators, Warehouses, Tares-Packaging, Labels;
- Constant record of weighings obtained from the weighing instruments and saving them to a computer;
- Preview of current state of the weighing instrument in the system;
- Assigning a product to a production line;
- Weighing archiving and deleting;
- Data exchange between external systems;
- User-friendly and flexible reporting mechanisms:
  - Generating data recorded for a particular time interval;
  - Data browsing using filtering option;
  - Reporting individual weighings on the report;
  - Determining name and image of the reports' headers;
  - Creating statistics reports on production process;
  - Detailed and summary reports;
- Graphs of weighings, scale, platform, operator, customer, batch and lot;
- Export of files to the following formats: PDF, HTML, MHT, RTF, XLS, XLSX, CSV, TXT and other;
- Customization of permission levels for particular operators;
- Customization of graphic interface layout, reports and graphs;
- Multilingual system components;
- Operation in Ethernet, Wi-Fi networks.

Basic functions of the workstations:

- quick logging using RFID scanners,
- uncomplicated selection of data (product, lot, etc.) using barcode scanner,
- integration with the automation system (PLC controllers) via e.g. Profibus, inputs/outputs,
- products labelling;
- parts counting;
- integration with external displays;
- weighing process statistics.

* Implementation of particular functions on workstations is conditioned by used weighing instrument and accessories.

Home screen of E2R WEIGHING RECORDS module

Preview of weighings recorded in E2R system

The minimum hardware requirements for the client computer or server being part of the weighing system consisting of max 10 weighing instruments:

- A computer with at least: Windows 10, Windows 8.1, Windows 8, Windows 7 (excluding Starter version);
- MS SQL Server 2008 R2 Express or later version;
- Hardware recommendations:
  - dual-core 2 GHz processor or faster,
  - operating memory 3 GB or larger,
  - at least 35 GB of free space on a hard drive,
  - 1280x1024 computer monitor,
  - DVD drive,
  - printer operating in Windows environment,
  - default system font size: (96 dpi)!

The minimum hardware requirements for server being part of the weighing system consisting of more than 10 weighing instruments:

- A computer with at least: Windows 10, Windows 8.1, Windows 8, Windows 7 (excluding Starter version),
- The software supports servers with operating systems such as: Windows Server 2016, Windows Server 2008 Service Pack 2, Windows Server 2008 R2;
- MS SQL Server 2008 R2 or later version;
- Hardware recommendations:
  - quad-core 3 GHz processor or faster,
  - operating memory 8 GB or larger,
  - at least 50 GB of free space on a hard drive,
  - 1280x1024 computer monitor,
  - DVD drive,
  - printer operating in Windows environment,
  - default system font size: (96 dpi)!