SOFTWARE INDUSTRIAL

EpelSoft DRIVER

Intelligent management of industrial scales

Multi-base management
Adaptability and customisation
High stability and performance
For demanding environments and complex weighing requirements

Software
EpelSoft DRIVER

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EpelSoft DRIVER
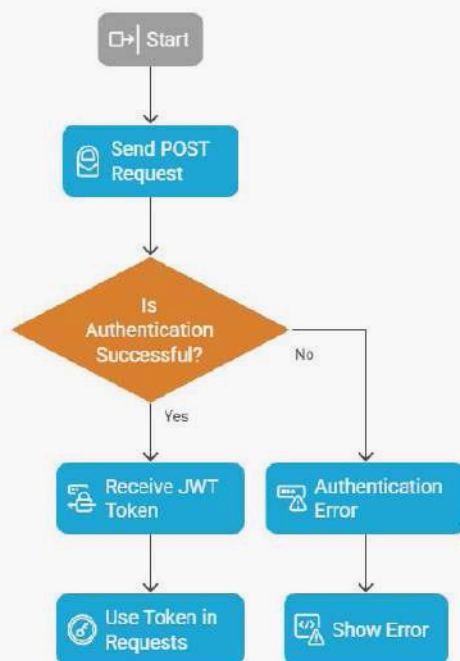
EpelSoft DRIVER

What is epelSoft DRIVER?
It is a desktop application for Windows developed by Epelsa for the management and supervision of multiple scales connected to a computer system. Designed for industrial and retail environments. This software allows scales to be integrated with customer management systems, guaranteeing reliability, traceability and efficiency in all weighing processes.

Designed for continuous operations, EpelSoft DRIVER facilitates daily work by centralising the control of the scales from a single point, optimising time and avoiding manual errors. Its interface is touch screen ready and intuitive even for users without advanced computer experience.

Pantalla principal

Proceso de Autenticación y Obtención de Token JWT

Integrated REST API

One of the strengths of EpelSoft DRIVER is its REST API, designed for integrators, developers or system managers.

Epelsoft Driver allows to automate the registration of weighing under programmable conditions, providing a level of efficiency and control that is normally only found in customised solutions. Rules can be defined such as:

» Automatic capture of the weight when it is stable for a certain time.
» Time interval recording, ideal for process control such as dryers or periodic weighing in silos.
» Event-driven activation (e.g. external request via API).

This automation reduces human intervention, avoids errors due to carelessness and improves traceability, being especially useful in sectors such as agriculture, logistics, waste control or raw material management.

Main features

Simultaneous management of multiple scales
Supports simultaneous connections through different ports and protocols: USB (VIPOUT), RS-232, Ethernet, Wi-Fi.

Continuous and unobtrusive operation
Possibility of minimised execution in the background, keeping automations and communications active.

Direct copying
Copies the net weight directly to the clipboard, to easily paste it into other applications, avoiding manual errors.

Homogenised communication
Regardless of scale model, protocol or connection type, all data is handled uniformly through requests with a common field structure.

Laboratory weight records Enables accurate capture and traceability of weights in laboratory or quality control environments.

Weighing data capture and management
Stores records in local MySQL databases or in the cloud, with the possibility of exporting to flat files, CSV or PDF.

Process automation
Automatic weighing under programmable conditions: stability, intervals, times, etc.

Universal compatibility
Compatible with Epelsa equipment and scales, thanks to a fully customisable weight frame configuration.

Weight reading via QR
On-screen QR code generation for fast and error-free transfer.
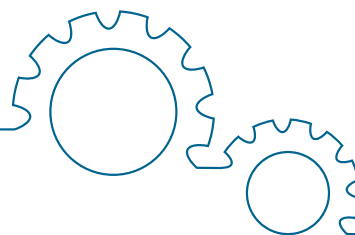
Características de Epelsoft Driver

Compatibilidad del SO	Específico de Windows, .NET Framework 4.7	**Gestión de Datos**	Base de datos MySQL, local o en la nube
Interfaz de Usuario	Optimizada para pantallas táctiles	**Exportación de Datos**	Listas personalizables, múltiples formatos
Interfaces de Comunicación	USB, RS-232, Ethernet, Wi-Fi	**Automatización**	Condiciones de pesaje programables
Operación en Segundo Plano	Configurable, minimizada a la zona de notificación	**API**	API REST para integración de sistemas
Compatibilidad con Básculas	Protocolos EPELSA, básculas genéricas	**Integración de Sistemas**	Sincronización ERP, WMS, LIMS
Gestión de Conexiones	Conexiones simultáneas ilimitadas	**Actualizaciones**	Actualizaciones periódicas para compatibilidad
Monitoreo en Tiempo Real	Prioriza la báscula seleccionada	**Personalización**	Modificaciones, adaptaciones, personalización
Captura de Datos	Generación y lectura de códigos QR	**Soporte**	Soporte técnico especializado

Compatible equipment

EpelSoft DRIVER is compatible with the main Epelsa weighing equipment in industrial environments, among them:

» Industrial scales with RS-232 or Ethernet communication.
» Equipment with USB-VIPOUT interface (ask your commercial advisor).
» Epelsa weight indicators with their own protocols. (Ask your sales advisor)
» Weighing equipment for production or labelling lines.

Consult technical support for validation of specific compatibilities.

Technical Data

Configurations:

Databases, lists, scales and automations

EpelSoft DRIVER is configurable and does not require extensive computer knowledge on the part of the user:

- » MySQL database: Local or in the cloud. It is easily configured from the software environment itself, allowing you to manage credentials, ports and backups.
- » Customised lists: Report creator with column selection, order, filters by date, extra fields... Allows export in PDF, CSV or flat file as required.
- » Weighing equipment management: Registration, editing, communication protocol, name and parameter assignment from an intuitive graphic environment.
- » Automations: Creation of rules by scale or global, activated by time, stability or external commands. All from a guided assistant that avoids configuration errors.
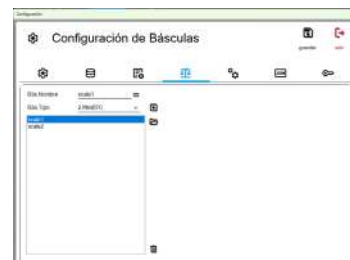
This level of customisation allows the system to be adapted to each client, without the need to resort to specific developments, saving time, costs and facilitating maintenance.

Technical characteristics

- » **Operating system:** Windows (supported versions)
- » **Framework: .**NET Framework 4.7.
- » **Supported interfaces:** USB (VIPOUT), RS-232, Ethernet, Wi-Fi
- » **Database:** MySQL (local or cloud)
- » **Data export:** CSV, PDF, flat files
- » **Automations:** Based on stability, times, cycles, etc.
- » **Licence:** Software activation (key required)

Lists Config.

Scale Conf.

COMMON USE CASES

Environment	Application	Benefits
Industrial dryers	Automatic cycle time recording	Accurate shrink control and traceability in drying processes
Food production	Automated weighing in production lines	Minimises human error and streamlines quality control
Weighing registration	Centralised management of several weighing points (floor platforms, box or pallet sales systems...).	Time saving and traceability of operations
Silos and warehouses	Weight and level measurement by means of connected scales.	Continuous monitoring of stock without manual intervention
Logistics / ERP-WMS	Integration of weighing data with business management platforms.	Real-time information for decision making and automatic reporting
Weighbridges	Weight capture of vehicles or heavy loads outdoors.	Secure logging, even without visible interface, with list generation

Reference

MODEL	REFERENCE
EPELSOFT DRIVER	0018910793