

Plug-in Architecture Expand Your Scale's Capabilities



Increase your operation's efficiency by fully integrating vehicle weighing into your processes. An optional plug-in module makes DataBridge™ MS software a perfect fit for any business. It enables you to customize the software to meet your weighing and data-management needs.

DataBridge™ MS software is a configurable program that lets you decide what data is collected for each weighing transaction. The optional plug-in module takes the program's potential a step further by allowing you to create totally new functions. This exceptional flexibility increases the value of DataBridge™ MS software to your business.

A plug-in is a software extension that adds custom functionality to an existing application. The optional module provides an architecture that makes it possible to use plug-ins with DataBridge™ MS software. It allows you to create plug-ins that change the way the software works and interacts with other systems.

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How It Works

For a plug-in to work, it must be able to interact with the existing software application. The plug-in architecture provides “hooks” in the DataBridge™ code for that purpose. By interacting with one or more “hooks,” the plug-in can use an event (such as the completion of a weighing transaction) to trigger an action defined by the plug-in.

What You Need

The plug-in architecture is intended to be used by experienced software developers with knowledge of a basic programming language, such as C# or VB.NET. You will need Microsoft Visual Studio and experience with Microsoft SQL Server and .NET Framework.

Easy to Use

There is no need to change the DataBridge™ source code or create complicated SQL scripts. All plug-ins that you create are independent of the DataBridge™ MS application. Upgrading the software to a new release does not affect the plug-in’s code.

Benefits

The plug-in module enables you to customize a DataBridge™ application to interact with third-party systems, devices, and processes. You can automate your processes by eliminating the need to transfer data by hand or initiate actions manually. Because plug-in code can be shared, you can use plug-ins that were created for other installations.

Plug-in Example 1



A filling operation created a real-time net weight display that allows its operators to monitor progress as they fill trucks to a target weight.

Plug-in Example 2



A plug-in prompts the scale operator to have a driver sign an electronic signature pad when a transaction is completed and then adds the signature to the transaction record.

Plug-in Example 3



A plug-in integrated a customer’s DataBridge™ application with inventory-control software to update inventory levels when a weighing transaction is completed.

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