

# GreenData Manager®

## Web Services

### GreenData Manager and PLM/ERP/CIS System Integration

#### Seamless Integration Between Systems

**GreenData Manager (GDM)** is a powerful software tool that helps companies manage and report on parts and components substance data for compliance with environmental regulations such as **EU RoHS-2**, **REACH SVHC**, and **California Proposition 65**. **GDM** software fully integrates with your existing Product Lifecycle Management (PLM), Enterprise Resource Planning (ERP), and/or Component Information Services (CIS) system through the **GDM Web Services** module.

Enable seamless integration and communication between systems so that you can manage and update your parts, Bills of Material (BOMs), and other data between both systems from a single point of data entry. **GDM Web Services** helps you reduce duplication, confusion, and project time, allowing for a smooth and simple data management process between systems.

**GDM Web Services** enables your PLM/ERP/CIS system to communicate with **GDM** software to perform actions such as:

- ✓ Export Services – Generation of reports such as Compliance Reports, Failure Analysis Reports, etc.
- ✓ Import Services – Import of Component Data, BOMs, Material Composition Data, etc.
- ✓ Utility Services – Update, Deletion of BOMs, Parts, Documents, etc.

Contact us to learn more and receive a demo:  
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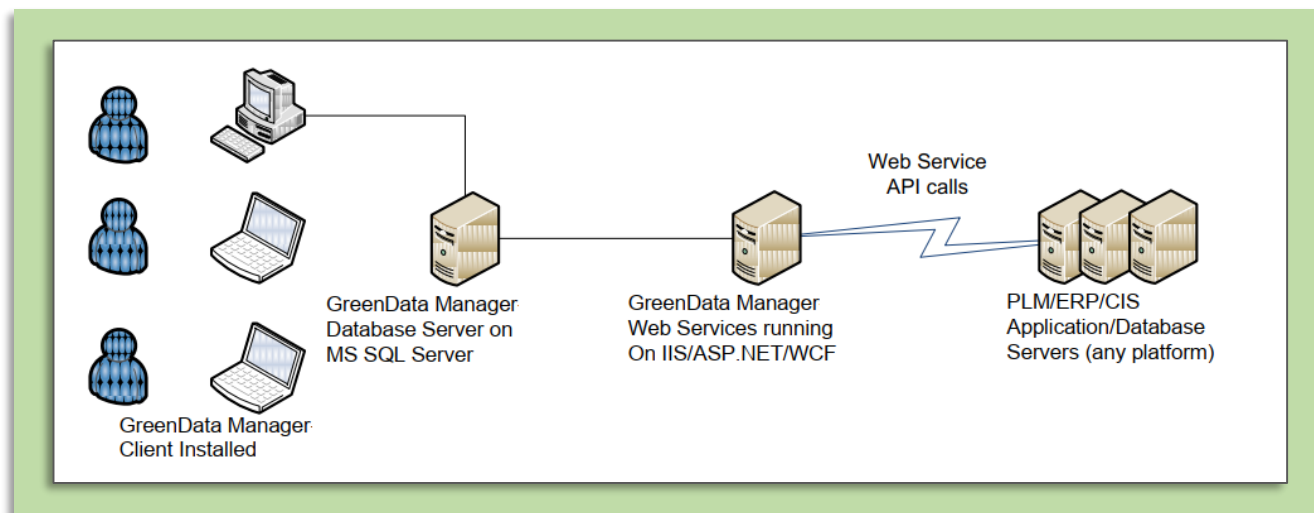


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## How it Works

**GDM Web Services** is an ASP.NET Framework 3.5 web application and is hosted in IIS. The module uses Simple Object Access Protocol (SOAP) to exchange messages between your existing PLM/ERP/CIS system and **GDM** software.



**GDM Web Services** enables a fully automated data exchange between **GDM** software and your ERP/PLM/CIS software. Designed for **GreenData Manager Browser Edition (GDM-BE)** and **Hosted GDM** software, **GDM Web Services** will provide a full spectrum of web service calls so you can program the ERP/PLM/CIS software to exchange component details, BOMs, regulations, substances, and compliance status or reports on components or BOMs, including compliance documents. **GreenSoft** will also provide sample codes and documentation to guide you through the implementation.

## Customizable Codes for a Multitude of Functions

Simple codes are used to enable dozens of different processes and message exchanges between the software systems. To the right is an example of a call to delete a BOM from the database.

There are 5 key elements from the **GDM** database that you can manipulate through the **GDM Web Services** module: Items, BOMs, Rules (with chemical substances and thresholds), Compliance Status and Documents (for items and BOMS), and Reports.

```
<?xml version="1.0" encoding="utf-8" ?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <DeleteBOM xmlns="http://www.greensofttech.com">
      <IPN>My BOM ID</IPN>
    </DeleteBOM>
  </soap:Body>
</soap:Envelope>
```

**GDM Web Services** is a must-have tool for you to automate the information exchange on green compliance data for your products.

Get started with a FREE Risk Analysis & BOM Scrub!  
+1-323-254-5961 ♦ info@greensofttech.com