

GreenData Manager® WEB SERVICES MODULE

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 products and components substance data for compliance with environmental regulations such as **EU RoHS**, **EU REACH SVHC**, **California Proposition 65**, and others. **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:

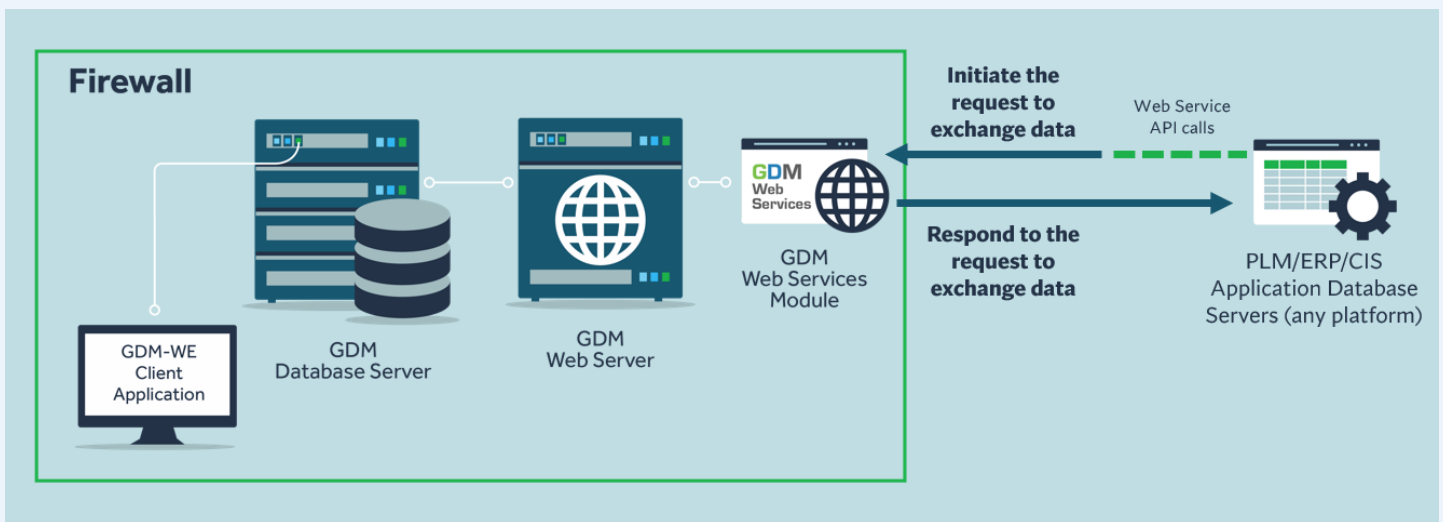
- Export Services – Generation of reports such as Compliance Reports, Failure Analysis Reports, etc.
- Import Services – Import of Component Data, BOMs, Material Composition Data, etc.
- Utility Services – Update, Deletion of BOMs, Parts, Documents, etc.

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How It Works

GDM Web Services is an ASP.NET Framework 4.8 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.

CONTACT US

Learn More and Request a Demo

■ info@greensofttech.com

www.greensofttech.com

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Customizable Codes for a Multitude of Functions

Simple codes are used to enable dozens of different processes and message exchanges between the software systems. Below 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.

GreenSoft
TECHNOLOGY, INC.



Corporate Headquarters North America/Europe

GreenSoft Technology, Inc.
155 S. El Molino, Suite 100
Pasadena, CA 91101 USA

■ Tel: (323) 254-5961
■ info@greensofttech.com

Asia/China/Taiwan/Japan

Jon Wu

■ +886-912-307-627
■ jwu@greensofttech.com

Finland/Sweden/Norway

RoHS Management Oy

■ +358-44-981-2787
■ sales_europe@rohsmanagement.com

Israel

Rokah Technologies

■ +972-3-9360688
■ reuven@rokah-technologies.com