



HOSTED GREENDATA MANAGER®

Compliance Data Management Hosted Software For EU RoHS, EU REACH, and Other Environmental Regulations

Cloud Software to Help You Comply with EU RoHS, EU REACH, and More

Hosted GreenData Manager (Hosted GDM) is an online software tool to help manufacturers manage and report on substance data for products and components.

Hosted GDM is designed for companies that need to show compliance with environmental regulations such as **EU RoHS**, **EU REACH SVHC**, **California Proposition 65**, **Conflict Minerals**, and dozens of other product compliance regulations.

Your BOM data is hosted on GreenSoft Technology's **secure online virtual server** for access through **Hosted GDM** by members of your organization or subcontractors you may want to share your data with.

Users can access **Hosted GDM** from anywhere in the world with an Internet connection. This makes **Hosted GDM** ideal for companies with multiple users needing to share compliance data across multiple locations.

Plus, GreenSoft's Data Team will perform **data collection and validation from your supply chain** for you so that you're working with accurate, high quality data on your products and components within **Hosted GDM**.

Hosted GDM enables users to:

- Report the **completeness status** on collected data or documents.
- Report the **compliance status** on all parts or BOMs and generate compliance reports.
- Import and export component compliance data through **Excel**, **IPC-1752 XML**, **IPC-1752A XML**, or **IEC 62474 XML** (export only) formats.
- **Schedule** report generation recurrences.

With **Hosted GDM**, there are no technical headaches for you to deal with. GreenSoft will take care of the data collection and technical details for you.

HOSTED GREENDATA MANAGER (GDM) SOFTWARE



GreenSoft Handles the Data Collection & IT Administration For You

Leave the technical details to us. With **Hosted GDM**, GreenSoft provides hands-on data collection and validation from your supply chain for you. Plus, we'll handle the IT administration and cloud hosting of the software.

Data Collection

GreenSoft will contact your suppliers for you to collect compliance data. We'll validate the data for accuracy, and follow-up with suppliers as many times as it takes to obtain the complete, correct data. Then we will upload the final data into your **Hosted GDM** database.

IT Administration

GreenSoft will perform the **Hosted GDM** software installation, implementation, and maintenance for you, so that you can focus on solving green compliance issues without having to deal with the technical details.

Additional Security

Hosted GDM is hosted on a secure server. For additional security, **Advanced Threat Protection** is available as an add-on, which includes TippingPoint w/ DDoS (Distributed Denial of Service): Mitigation of DDoS security optimization, as well as a Web Application Firewall (WAF) and CDN (Content Delivery Network).

The TippingPoint **Advanced Threat Protection** family detects unknown threats moving inbound, outbound or laterally across the network by monitoring all ports and over 100 protocols, turning the unknown into known so your data is secured and safely stored inside the **Hosted GDM** software.

Hosted GDM versus GDM Browser Edition

Hosted GDM is ideal for companies that permit a BOM or parts list to be uploaded to an online virtual server, while **GDM Browser Edition** is ideal for companies with strict security policies that do not permit uploading a BOM to a web application hosted outside the company firewall.

Both options offer powerful functionality to manage product and component data and perform compliance report generation. Tell your GreenSoft representative about your company's security policy, and we'll let you know which edition is best for you.

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A Complete Compliance Management System

For an example of how **Hosted GDM** can help you manage your product compliance data and documents, see screenshots from three essential **Hosted GDM** pages below.

1) Item Master View

- View a high-level overview of collection and compliance status.
- View the compliance status and supporting documents on the same screen.
- Access supporting documents with the simple click of a hyperlink.

Item List
 Note: Parts filtered based on the following search conditions: None.
 Total Number of Parts: 69 [Download Excel](#)
 Now displaying page 1 of 2. Parts per page: 50 [Previous] [Next] [Show Extended Fields] Page #: 1 Go Return

● OK/Passed ● Not Ready/Failed ● Invalid Entry/Incomplete ● Document Expired ● Passed with Exemption □ Subpart Info Incomplete ■ Subpart Failed ○ Not Applicable

#	Internal PN	Manufacturer	Manufacturer PN	Description	Requirement Status	MCD Type	MCV Verison	Lifecycle	Collection Status	Exemptions	Primary	Rule Status Summary	California Proposition 65 (2022-02-25) (for analysis)	California Proposition 65 (2023-01-27) (for analysis)	EU POPs (2020-06-09)
1	0022-10034-22	ON SEMICONDUCTOR	TL431AIDG	IC, ADJUSTABLE PRECISION SHUNT REGULATOR, 2.5 to 36 V, SO-8 Package, 30ppm; RoHS Compliant	Passed	Full Disclosure FMD	REACH SVHC (224)	Active	Completed and Delivered			●	● ccc	●	●
2	0022-10034-22	TI	TL431AIDG4	IC, ADJUSTABLE PRECISION SHUNT REGULATOR, 2.5 to 36 V, SO-8 Package, 30ppm; RoHS Compliant	Passed	Full Disclosure FMD		Active	Completed and Delivered		Y	●	●	●	●
3	0022-10036-005	MAXIM INTEGRATED PRODUCTS										●	●	●	●
4	0022-10036-005	STMICROELECTRONICS										●	●	●	●
5	0022-10036-02	VENKEL										●	●	●	●
6	0022-10036-10	AVX										●	●	●	●
7	0022-10036-12	ON SEMICONDUCTOR										○	○	○	○

Lifecycle Data:
 EOL - End Of Life
 NPI - Not Recommended for New Design
 NPI - New Product Introduction

- Active/NPI: 56 [81.2 %]
- Obsolete/EOL/NRND: 5 [7.2 %]
- Unknown/Not Set: 8 [11.6 %]

Full Material Declaration (FMD) and Maximum Concentration Values (MCV)

- Parts with FMD (includes FMD + MCV): 60 [87.0 %]
- Parts with no FMD but has MCV: 3 [4.3 %]
- Unknown/Incomplete/Others: 6 [8.7 %]

Requirement Status:

- Passed: 58 [84.1 %]
- Failed: 11 [15.9 %]

Data Collection Status:

- Completed and Delivered: 61 [88.4 %]
- Delivered: 0 [0.0 %]
- Escalated to Customer: 4 [5.8 %]
- Pending at GreenSoft: 0 [0.0 %]
- Pending at Supplier: 0 [0.0 %]
- Stopped: 0 [0.0 %]
- Not Set: 4 [5.8 %]

Lifecycle Status

Full Material Declaration

Requirement Status

Data Collection Status

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2) Rules View

- View a list of regulations by selecting the “Active Rules” panel.
- Define your own rules per your customer requirements.
- Selected rules are applied per user so you can view only the regulations of interest to you.

Active Rules & Charts Rule Selection

Charts Rule Selection

Rule 1 for Charts: EU RoHS
 Rule 2 for Charts: China RoHS
 Rule 3 for Charts: EU RoHS 2 New Substances
 Rule 4 for Charts: California Proposition 65 (2022-02-25) (for analysis)
 Rule 5 for Charts: TSCA - 5 PBT Substances
 Rule 6 for Charts: EU POPs (2020-06-09)

[Save Selection] [Show All Rules] [Show Only Active Rules]

Active Rule Selection

Number of Active Rules selected: 11

Active #	Rule Name	Category	Rule Description	Exemption Group Name	Help
7	California Proposition 65 (2022-02-25) (for analysis)		[14 Substance Groups + 871 Substances] Reference: Proposition 65 - Safe Drinking Water Act of 1986. (Updated on Feb 25, 2022)		Link
	California Proposition 65 (2023-01-27) (for analysis)		[14 Substance Groups + 874 Substances] Reference: Proposition 65 - Safe Drinking Water Act of 1986. (Updated on Jan 27, 2023)		Link
	EU POPs (2020-06-09)		[22 substances + 11 substance groups] Substances in Annex 1 to the regulation are subject to prohibition (with specific exemptions) on manufacturing, placing on the market and use, per Regulation (EU) 2019/1021 - on Persistent Organic Pollutants (POPs) updated on 9 June 2020. Could be used to validate EU POP updated on December 16, 2020.		Link
	EU Regulation - 1905/2009 Ozone Depletion Substances - Quick Scan		EU Regulation of control Ozone Depletion Substances - GDM provides a quick scan on these ODS substances - released on Oct 31, 2009. Could be used to validate EU ODS, updated on March 29, 2022.		Link
	EU RoHS		[6 Substance Groups] Restriction of Hazardous Substances - EU DIRECTIVE 2011/65/EU (RoHS-II)	RoHS Exemption Group	Link

BOM Summary Details

Filter Conditions: None

BOM ID: 1001-250

Exemptions: R2-6c, R2-7a, R2-7c1

Rule 2 for Charts: China RoHS

Note: Parts maintained in GDM are having the unique combination of IPN + MFG + MPN.

Number of Unique Parts: 56 [100.0 %]
 Number of Unique Manufacturers: 32
 Number of Parts that match with Item Master: 52 [92.9 %]
 Number of Parts not matching with Item Master: 4 [7.1 %]
 Number of Parts with Part Mass specified: 49 [87.5 %]

Lifecycle Status: 84.6% (Active/NPI), 9.6% (Obsolete/EOL/NRND), 5.8% (Unknown/Not Set)

Full Material Declaration (FMD) and Maximum Concentration Values (MCV): 92.3% (Parts with FMD), 3.8% (Parts with no FMD), 3.8% (Unknown/Incomplete/Others)

Requirement Status: 88.5% (Passed), 11.5% (Failed)

Data Collection Status: 94.2% (Completed and Delivered), 0% (Delivered), 0% (Escalated to Customer), 0% (Pending at GreenSoft), 0% (Pending at Supplier), 0% (Stopped), 0% (Dropped)

3) BOM View

- View the compliance status of all BOMs or a subset of BOMs.
- View compliance reports on BOMs onscreen or download for distribution.
- Perform gap analysis on BOMs and complete the priority parts for designated BOMs.

BOM Compliance Summary

Note: BOMs filtered based on the following search conditions: None.

Total Number of BOMs: 19 [Download Excel]

Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #1 Go Return

[100%] Display statuses that were computed by [Excluding] incomplete parts and [Including] 2nd source parts [Refresh]

OK/Passed Not Read/Failed Invalid Entry/Incomplete Document Expired Passed with Exemption Subpart Incomplete Subpart Failed Not Applicable

#	BOM ID	BOM Name	Project Name	Location	Revision	Exemptions	Statuses Last Computed on	Rule Status Summary	California Proposition 65 (2022-02-25) (for analysis)	California Proposition 65 (2023-01-27) (for analysis)	EU POPs (2020-06-09)	1005/2009 Ozone Depletion Substances Quick Scan	EU RoHS
1	1001-250	CONTROL BOARD for MXK System		Pasadena		R2-6c, R2-7c1	6/15/2023 9:09:19 AM						
2	AT100	Wireless Router	Advantage	Hawaii		R2-6c, R2-7a, R2-7c1	8/12/2023 10:26:50 AM						
3	AT1015	Wireless Router	Advantage	Hawaii		R2-6c, R2-7a, R2-7c1	8/12/2023 10:15:13 AM						
4	AT1500	Wireless Router	Advantage	Hawaii		R2-6c, R2-7a, R2-7c1	8/12/2023 10:14:58 AM						
5	B16	Control Board M609 V2, DIV B from Location 2		Utah		R2-7a, R2-7c1	10/26/2022 1:19:42 PM						
6	B17	Control Board M2290, DIV B from Location 2		Utah		R2-6c, R2-7a, R2-7c1	10/25/2022 1:19:46 PM						

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Using Hosted GDM

Hosted GDM software is purpose-built for compliance data management, so **Hosted GDM** can deal with the detailed nuances of substance data analysis and reporting.

Generate Compliance Reports

- Generate compliance reports in real-time, or schedule the generation of compliance reports at a later date and time.
- Schedule the recurrence of compliance report generation per day, week or month.
- Identify prohibited substances or reportable substances through compliance reporting.

ERP/PLM Interface

- Easily integrates with most ERP/PLM systems.
- Import parts lists or BOMs through auto or semi-auto interface module.
- Export the compliance status of parts lists or BOMs with documents through auto or semi-auto interface module.

Product Summary - REACH Reportable SVHC
Note: BOMs filtered based on the following search conditions: None.

Total Number of BOMs: 19 Include 2nd Source Show Only BOMs with Reportable SVHC Show Item Details [Download Excel](#)

Current Rule: REACH SVHC (235)

Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #: 1 Go [Return](#)

#	BOM ID	BOM Name	Project Name	Revision	Location	Computed Date	Substance Name	CAS Number	Max Reportable Concentration (ppm)
1	1001-250	CONTROL BOARD for MX9 System			Pasadena	08/18/2023 12:00:53 AM	Lead	7439-92-1	39215.686
2	AT100	Wireless Router	Advantage		Hawaii	08/18/2023 12:00:53 AM	Lead	7439-92-1	74700.315
3	AT1015	Wireless Router	Advantage		Hawaii	08/18/2023 11:00:36 AM	Lead	7439-92-1	74700.315



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

- +886-920-618-568
- 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

