

GreenData Manager[®]

Browser Edition

Green Data Status and Report Generation Through a Browser

Extend Green Data Compliance Management Across the Enterprise

Companies with multiple locations face a challenge in managing the compliance of **RoHS-2**, **REACH SVHC** or other regulations and OEM requirements. The **Browser Edition** of **GreenData Manager** software allows the sharing of a component database and enables each company division to generate compliance reports – all with easy access through an Internet browser, with the compliance database stored securely behind your own company firewall on your own server.

GreenData Manager Browser Edition (GDM-BE) includes two (2) software seats of **GreenData Manager** to be installed directly on your company administrator's computer and company server, and five (5) concurrent browser user seats so you can extend green data management across your enterprise anywhere your divisions are located.

Feature Highlights

- Report the **completeness status** on the data or documents you have collected.
- Report the **compliance status** on all parts or Bills of Material (BOMs) and generate **compliance reports** for **EU RoHS-2, China RoHS, CA Prop 65, Halogen-Free, REACH Annex-14, REACH Annex-17, REACH SVHC** and many other regulations. Or define your own compliance rules per your customers' requirements.

Bonus:
Sign up for our **Data Services** and we'll collect and validate the data from your suppliers for you!

Get started with a **FREE Risk Analysis & BOM Scrub!**
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More GreenData Manager Browser Edition (GDM-BE) Highlights

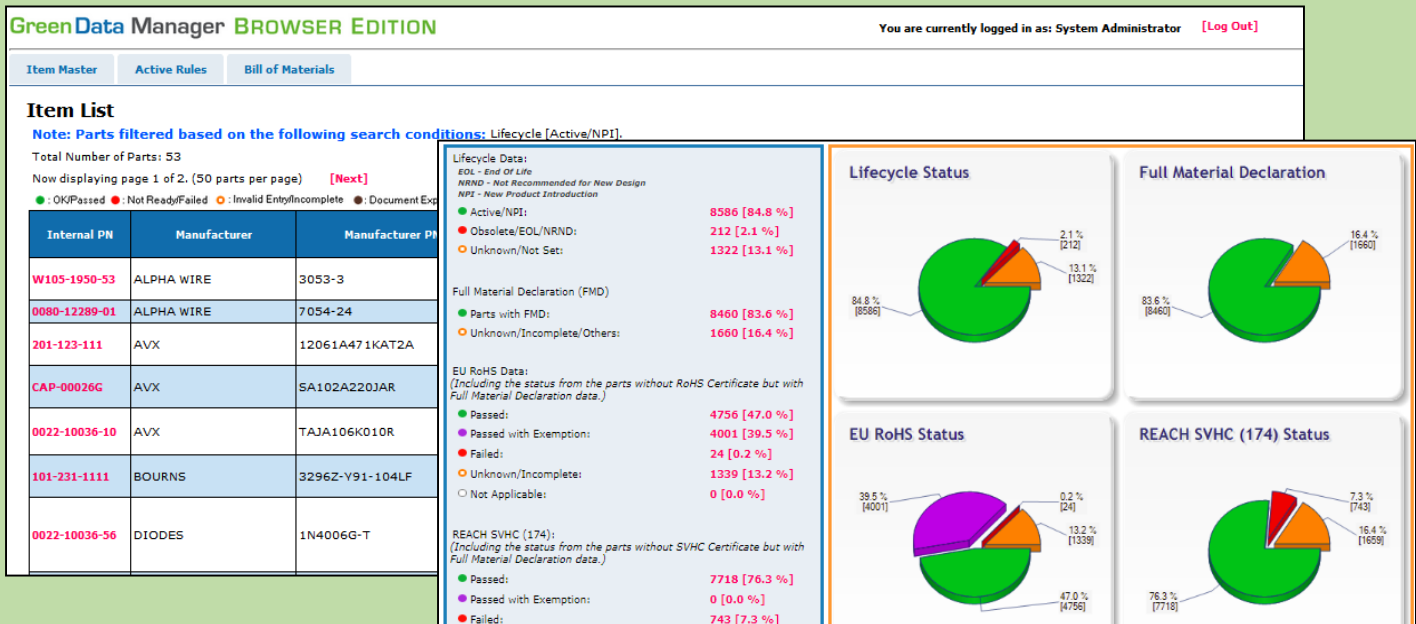
- **Extend green data compliance management** across the enterprise through common browsers: Internet Explorer, Google Chrome, Safari and Firefox.
- **Import** the component compliance data through Excel, IPC-1752 v1.1 XML or IPC-1752A XML, or have GreenSoft to collect the data and deliver to you through GreenSoft PartData XML format.
- **Schedule** the generation of compliance reports for a BOM or for all BOMs at a later date and time.
- **Schedule recurrence** of the BOM-level compliance report generation per day, week or month.
- Import compliance data automatically and **import BOMs from ERP/PLM** automatically (optional).
- Support **direct page access** to **GDM-BE** from your ERP/PLM screen.

A Complete Compliance Management System

GreenData Manager Browser Edition (GDM-BE) is an intuitive and easy-to-use comprehensive compliance solution. For an example of how **GDM-BE** can help you manage your product compliance data and documents, see screenshots from three essential **GDM-BE** pages below.

1. Item Master View

- Provide high level overview on 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.



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

Number of Rules selected: 5

Preferred Rule:

California Proposition 65 (for status)

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

Active ?	Rule Name	Category	Rule Description	Exemption Group Name	Help
<input checked="" type="checkbox"/>	EU RoHS		[6 Substance Groups] Restriction of Hazardous Substances - EU DIRECTIVE 2011/65/EU (RoHS-II)	RoHS Exemption Group	Link
<input checked="" type="checkbox"/>	EU RoHS-2 New Substances		[4 new substances] Commission Delegated Directive 2015/863/EU, published on Mar 31, 2015, adds 4 Phthalates onto the original 6 hazardous substances per EU RoHS-2		Link
<input checked="" type="checkbox"/>	REACH Annex XIV		Reference: COMMISSION REGULATION (EU) No 895/2014 of 16 June 2017	REACH-XIV-Exemptions	Link
<input checked="" type="checkbox"/>	REACH SVHC (173)		[Jan 12, 2017] Substances of Very High Concern (SVHC) released on Jan 12, 2017 per EU Regulation EC/1907/2006 - Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)		Link
<input checked="" type="checkbox"/>	REACH SVHC (174)		[Jul 7, 2017] Substances of Very High Concern (SVHC) released on Jul 7, 2017 per EU Regulation EC/1907/2006 - Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)		Link

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 Summary Details

Filter Conditions: Location is [Location-1].

BOM IDs: (1) BOM #1, (2) BOM #2, (3) BOM #3, (4) BOM #4

Exemptions: R2-7a, R2-7c1

Preferred Rule: [REACH SVHC (174)]

Note: Parts maintained in GDM are having the unique combination of IP

Number of Unique Parts: 1382 [100.0 %]

Number of Unique Manufacturers: 130

Number of Parts that match with Item Master: 1363 [98.6 %]

Number of Parts not matching with Item Master: 19 [1.4 %]

Number of Parts with Part Mass specified: 1044 [75.5 %]

Lifecycle Data:

- Active/NPI: 1018 [74.7 %]
- Obsolete/EOL/NRND: 33 [2.4 %]
- Unknown/Not Set: 312 [22.9 %]

Full Material Declaration (FMD)

- Parts with FMD: 998 [73.2 %]
- Unknown/Incomplete/Others: 365 [26.8 %]

EU RoHS Data:

- Passed: 701 [51.4 %]
- Passed with Exemption: 343 [25.2 %]
- Failed: 0 [0.0 %]
- Unknown/Incomplete: 319 [23.4 %]
- Not Applicable: 0 [0.0 %]

REACH SVHC (174):

- Passed: 872 [64.0 %]
- Passed with Exemption: 0 [0.0 %]

BOM Compliance Summary

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

Total Number of BOMs: 6

Statuses Last Computed on: 6/11/2012 12:58:14 AM [100%] [Re-Compute Statuses] [Note - Compliance is validated by excluding in source parts.]

Legend: OK/Passed (Green), Not Ready/Failed (Red), Invalid Entry/Incomplete (Orange), Document Expired (Brown), Passed with Exemption (Purple), Subpart Info Incomplete (Light Blue), Subpart Fail (Dark Blue)

#	BOM ID	BOM Name	ProjectName	Revision	EU RoHS	Norwegian POHS	REACH SVHC (53)	REACH SVHC (73)
1	ARTM-33	Remote Terminal Monitor - 33			Passed	Failed	Passed	Passed
2	ARTM-66	Remote Terminal Monitor - 66			Passed	Failed	Passed	Passed
3	BLT-100	Live Terminal - 100			Passed	Failed	Passed	Passed
4	BLT-200	Live Terminal - 200			Passed	Failed	Passed	Passed
5	C-M550	Control Board M550 from DIV-1			Passed	Failed	Passed	Passed
6	C-M700	Control Module M700 from DIV-5			Passed	Failed	Passed	Passed

Lifecycle

EU RoHS Status

REACH SVHC (174) Status

4. Using GDM-BE

Generate Compliance Reports

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

Product Summary - REACH Reportable SVHC

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

Total Number of BOMs: 9 Include 2nd Source Show Only BOMs with Reportable SVHC Show Item Details [Download Excel](#)

Current Rule: REACH SVHC (174)

Now displaying page 1 of 1. BOMs per page: 50 Page #: 1

#	BOM ID	BOM Name	Project Name	Revision	Location	Computed Date	Substance Name	CAS Number	Max Reportable Concentration (ppm)
1	BOM #1	BOM #1		Rev-3	Location-1	08/29/2017 12:00:16 AM	Lead oxide (lead monoxide)	1317-36-8	12024.286
							Diboron trioxide	1303-86-2	3501.587
							[Bis-phenol A (BPA), 4,4'-isopropylidenediphenol]	80-05-7	116987.980
2	BOM #10	BOM #10	XRF Scanner	2.1	Location-2	08/29/2017 12:00:19 AM	Lead oxide (lead monoxide)	1317-36-8	12024.286
							Diboron trioxide	1303-86-2	3501.587
							[Bis-phenol A (BPA), 4,4'-isopropylidenediphenol]	80-05-7	116987.980

ERP/PLM Interface

- Import the parts list or BOMs through auto or semi-auto interface module.
- Export the compliance status of a parts list or BOMs with documents through auto or semi-auto interface module.

System Details & Minimum Requirements

GDM-BE System

GDM-BE consists of 2 parts: GDM-WE (Workgroup Edition) and a Web Interface Module.

GDM-WE consists of a server and client, installed behind your company firewall.

The **Server** portion of GDM-WE contains:

- The component database that contains detailed compliance data and material composition data for each component and links to the associated supporting documents,
- The rule database with system-defined rules and user-defined rules,
- The BOM database that are imported by the GDM-WE clients or from Web Interface (through Internet browser) at GDM-BE.

The **Client** portion of GDM-WE can import component data information, create rules, import BOMs and generate compliance reports.

The **Web Interface Module** allows GDM-BE users to access the component database, rule database and BOM database through the Internet browser. GDM-BE users can access the compliance status of all components and BOMs and supporting documents. GDM-BE users can also generate compliance reports or schedule report generation at preset or future in a fixed interval.

Minimum Requirements:

Server:

- Windows Server 2003/2008/2012 (including R2)/ 2016
- .NET Framework 2.0, 3.5 and 4.5.2 or above
- CPU: 2GHz or above; RAM: 8GB or above; HD: 200 GB or above
- (optional) Microsoft Office Excel 2007 or above (only if you have purchased Conflict Minerals module)

Client:

- Standard browser IE/Firefox/Chrome/Safari
- Adobe Acrobat Reader V 9.0 or above needed to open documents
- Microsoft Office tools (such as Excel) to view reports

GDM-BE Installation Requirements:

- .NET Framework 2.0, 3.5 and 4.5.2 or above
- IIS with ASP.NET
- Microsoft SQL Server 2005 Native Client X64 Package (sqlncli.msi) and Microsoft SQL Server 2005 Management Objects Collection X64 Package (SQLServer2005_XMO.msi)

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