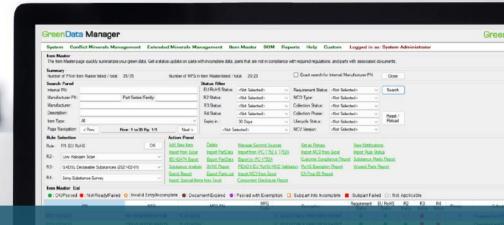


Your Partner in Compliance



GreenData Manager® DESKTOP EDITION

Compliance Data Management and Reporting Software for EU RoHS, EU REACH, and Other Environmental Regulations

The Challenge: Compliance with EU RoHS, EU REACH, and More

Complying with global chemical regulations and directives like **EU RoHS** and **EU REACH SVHC** is difficult. Regulations evolve, customers have unique reporting requirements, and collecting and updating information is time-consuming.

The best way to manage compliance is to collect **Full Material Declaration (FMD)** data for all components from your suppliers. But how do you manage this data? How do you use the data to prove compliance? And how to you share that data across the company?

The Solution: GreenData Manager Desktop Edition Software

GreenData Manager Desktop Edition (GDM-DE) software is a unique compliance tool for data storage, analysis, and reporting. **GDM-DE** software provides the power that manufacturers need to analyze complex chemical data on their parts and generate regulation-specific reports.

A Robust Software Solution to Streamline Your Environmental Compliance

GDM-DE software is a powerful desktop application that helps you:

- Manage the collection and storage of compliance data and documents.
- Perform compliance validation and substance analysis for 27-built in regulations, including EU RoHS, EU REACH SVHC, California Proposition 65, China RoHS, Halogen Free, and more. Or define your own rules per your customers' requirements.
- Produce compliance reports and full disclosure reports at the company-level, product family-level, or product-level.
- Generate due-diligence packages.

GDM-DE is installed at your facility behind your company's firewall so that your data and BOMs are protected. Plus, **GDM-DE** easily integrates with most ERP/PLM systems.



GDM-DE Feature Highlights:

- Report **completeness status** on collected data or documents.
- Report compliance status on all parts or BOMs, and generate compliance reports for EU RoHS, China RoHS, California Proposition 65, Halogen Free, EU REACH Annex-14, EU REACH Annex-17, EU REACH SVHC, and other regulations. Or define your own compliance rules per your customers' requirements.
- Receive **online updates** of changes to regulations and substance data so that you're always dealing with the most up-to-date information.
- Import the component compliance data through Excel, IPC-1752A XML, or other formats.

BONUS: GreenSoft Technology also offers **hands-on data collection and validation services**! Let us collect compliance data from your supply chain on your behalf, and we'll import it into GDM-DE for you!

- Provide a **substance analysis** on all items with **roll-up capability** for aggregating weight or ppm to the product/BOM and company levels.
- Generate product-level **full disclosure reports** to show the full list of chemicals used in products.
- Generate **product disclosure reports** in Excel, IPC-1752A XML, and IEC 62474 XML formats.
- Plus, **GDM-DE** software has the capability to **classify and process articles** per the "Once-an-Article, Always-an-Article" definition under EU REACH.
- Install behind your **company's firewall** so that your data and BOMs are protected.
- Integrate with most **ERP/PLM systems**.

CONTACT US

Learn More and Request a Demo

info@greensofttech.com

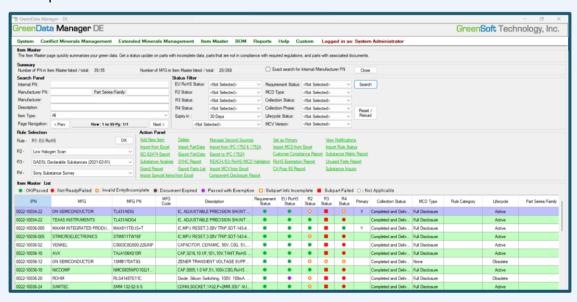
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A Complete Compliance Management System: How it Works

GDM-DE software helps you manage your product compliance data and documents via the following process:

- 1) Data Collection Management
- Import the data you have collected through Excel, IPC-152A XML, or have GreenSoft collect, validate, and import the data for you.
- Data can also be imported automatically through the Auto PartData Import Module.
- Examine and validate regulation compliance status, such as EU RoHS or EU REACH, and Exemption Status provided by suppliers.
- Validate aggregated substance weight against component weight or subpart weight with user-defined tolerance.
- Validate document collection status and expiration status and get alerts 30-days before the documents expire.



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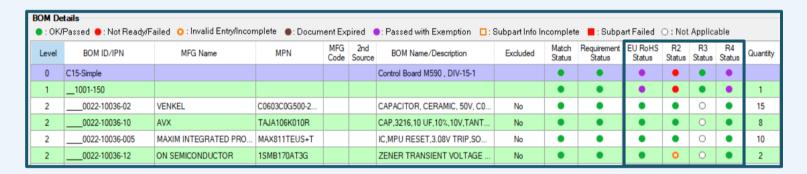
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2) Compliance Validation and Gap Analysis

- Determine compliance status of parts and BOMs immediately. Perform Gap Analysis on selected products/BOMs for incomplete parts or non-compliance parts instead of each BOM.
- Perform compliance validation on 27-built in regulations, or define your own rules.
- Perform compliance validation on one regulation for one BOM, or multiple regulations for multiple BOMs.
- Export compliance report and Gap Analysis report to Excel, or report BOM-level compliance in IPC-1752A or IEC 62474 formats.



3) Product Compliance Report

- Validate compliance at the product-level on a specific compliance regulation or any customer-specific requirements.
- Roll-up weight and ppm for each substance or substance group at the product-level or at the component-level (as required under the definition of an "article" under EU REACH).
- Generate compliance status for each substance or substance group at the product-level.
- Conduct partial analysis during the data collection process and generate Gap Analysis report for incomplete parts.

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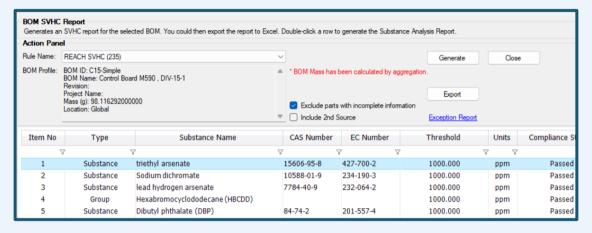
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- 3) Product Compliance Report (Continued)
- Perform Failure Analysis on BOMs that fail to comply with regulations or customer requirements, and generate Failure Analysis report.



Ite No	m Interio	al Manufacturer Name	Manufacturer PN	Description		2nd ource Quantity Units Match Status		Match Status	EU RoHS Status	EU RoHS CoC Status	EU RoHS PoC Status	EU RoHS PoC Notes	PONC
1	0022- 10036 02	VENKEL	C0603C0G500-2203NP	CAPACITOR, CERAMIC, 50V, COG, 5%, 0603, 22 PF, ROHS COMPLIANT	N	39	EA	Exact Match	Passed	CoC10_VENKEL_C0603C0G500-220JNP_060119.pdf	Not Present		Not Present
2	0022- 10036 10	AVX	TAJA106K010R	CAP,3216,10 UF,10%,10V,TANT,RoHS COMPLIANT	N	23	EA	Exact Match	Passed	CoC10_AVX_TAJA106K010R_111222.odf	Not Present		Not Present
3	0022- 10036 12	ON SEMICONDUCTOR	1SMB170AT3G	ZENER TRANSIENT VOLTAGE SUPPRESSOR, 170V, 600W, DO- 214AA, ROHS COMPLIANT	N	2	EA	Exact Match	Incomplete	Not Present	Not Present		Not Present
4	0022- 10036 18	NICCOMP	NMC0805NPO102J100TRPLPF	CAP,0805,1.0 NF,5%,100V,C0G,RoHS COMPLIANT	N	12	EA	Exact Match	Passed	CoC10_NIC_NMC0805NPO1023100TRPLPF_111222.edf	Not Present		Not Present
5	0022- 10036 20	ROHM	RLS4148TE11C2		N	4	EA	Exact Match	Passed with Exemption	CoC2-S ROHM RLS4148TE11C 121213.pdf	Not Present		Not Present
6	0030- 00150 001	VENKEL	CR0402-16W-6042FT	RES,0402,60.4K OHM,1%,1/16W,50V,RoHS COMPLIANT	N	7	EA	Exact Match	Passed with Exemption	CoC10 VENKEL CR0402-16W-6042FT 050119,pdf	Not Present		Not Present
7	0030- 00150 001	YAGEO	RC0402FR-0760K4L	RES,0402,60.4K OHN,1%,1/16W,50V,RoHS COMPLIANT	N	13	EA	Exact Match	Passed with Exemption	CoC10 YAGEO RC0402FR-0760K4L 122819.pdf	Not Present		Not Present

4) Due Diligence Report for EU RoHS

- Generate BOM-level due diligence reports as part of the technical documents required for CE Mark per IEC EN 63000.
- List unique parts from the BOM with EU RoHS compliance status and due diligence documents such as Certificates of Compliance (CoCs), lab test reports, or FMD documents. All documents are hyperlinked and accessible through a simple click.

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5) Product-Level Full Disclosure

- List of all substances used in the product (Product DNA).
- Roll-up weight and ppm for each substance to product-level.
- Product-level EU RoHS compliance status included.
- Product-level EU REACH SVHC compliance status included.
- Export product-level full-disclosure report to Excel, IPC-1752A XML, or IEC 62474 XML formats.
- Exception Report lists parts unavailable to be included in the product roll-up.

General to IPC-1	les Product Level Full Disclosu 1752 Class-6 XML or IPC-1752	re for the selected BOM. E A XML.	xport t	he report to Excel or					Secret Substances/Gro n Homogeneous Excel	and the same of th
Produc	t Profile									
OM ID	C15-Simple	BOM Name:	Con	trol Board M590 , DIV-15	1			Project:		Backup BO
Revision		BOM Mass (g):	98.	116292000000 "Ma	ss has been	calculated by	aggregation	Unique Parts C	ount: 20	
EU R	oHS Profile									
EU Ro	oHS Status: Passed with E	Exemption * Excluding 2r	d sourc	es & incomplete parts. Exc	eptions: 1		Exception R	eport Exemptions:	R2-7a, R2-7c1	Exemption Repo
EU R	oHS-2 New Substances F	rofile								
EU Ro	oHS-2 New Substances Status	: Passed		* Excluding 2nd sources & inc	omplete parts	Exceptions	4	Exception Rep	est	BOMCheck IPC
REAC	CH SVHC Profile									
Rule 1	Name: REACH SVHC (235)		v	REACH SVHC Status:	Passed	1 Exc	luding 2nd sour	ces & incomplete parts.	Exceptions: 15	Exception Repo
Full N	Asterial Declaration									
-	plier & Declaration Inform	ation		Product Level	Translat	ion for Hom	ogeneous	Exports		Homogeneous
Non	me: ABC Company			Export	Manufac	turer Name:	Actual Many	facturer Name ~		Export
				IEC 62474	Manufac	turer PN:	Actual Man	East and DM		IEC 62474
Com	pany ID:			IPC 1752						IPC 1752
Uniq	pue ID:			IPC 1752A	Export B		As a Single			IPC 1752A
Ste	URL:			Facel	-			multiplier will be 0 f		Facel
								th RoHS or REACH		
Prod	luct Level Substance D	isclosure Table		Disclosure Exce	eptions: 3		Exception Re	port Other S	ubstances List	Proprietary Substances Li
	Substance Nam	e CAS Nun	ber	Mass (g)	Co	ncentration	(p MCV	(ppm) at Co M	ICV (ppm) at Art	MCV (ppm) at Ho
1	Strontium oxide	1314-11-0		0.0078984	75000	8	0.501	110762.516	130000.000	130000.00
2	Calcium oxide	1305-78-8		0.0091136	25000	9	2.886	127802.903	150000.000	150000.000
3	Zirconium dioxide	1314-23-4		0.0303787	50000	30	9.620	426009.676	500000.000	500000.000
4	Titanium dioxide	13463-67-7		0.0012536	94000	1	2.778	17040.387	119788.608	8 119788.608
5	Quartz (SIO2)	14808-60-7		0.0091136	25000	9	2.886	127802.903	150000.000	150000.000
6	Trimanganese tetraoxide	1317-35-7		0.0030378	75000	3	0.962	42600.968	50000.00	0 50000.000
7	Nickel	7440-02-0		0.0877649	12311	89	4.499	305000.000	1000000.000	1000000.000
8	Barium titanium trioxide	12047-27-2	e.	0.0122815	00000	12	5.173	823943.662	991285.403	991285.403
9	Copper	7440-50-8		62.6702891	77528	63873	4.790	670226.969	1000000.000	1000000.000
10	Glass (Lead free)			0.0003676	13400		3.747	5155.145	119900.000	119900.000
11	Tin	7440-31-5		1.3132204	00000	1338	4.326	49295.775	1000000.000	1000000.000

Minimum Requirements:

- Microsoft Windows 10 or Windows Server 2016/2019
- Adobe Acrobat Reader 9.0 or above
- .NET Framework 4.8 or above
- CPU: 2GHz Dual Core or above; RAM: 8GB or above; HDD: 100GB or above

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