





2021

manufacturing software for SEC



MILL



you need to help run...

your manufacturing business.

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Introduction to CIM

CIM Services Ltd is a complete IT solution provider and Sage Business Partner, trusted for over 30 years to deliver simple, effective IT solutions to more than 250 SME customers across the UK and worldwide.

We are an award-winning Sage Business Partner, specialising in Sage Accounts and Manufacturing Solutions including Sage 50, Sage 200, Infor: Swan, Sage CRM, and now Cim50.

Having worked with, and implemented Sage software since 1991, we understand the various challenges that businesses face when trying to make their IT solutions work for them. We have an experienced, dedicated and approachable team who can offer a complete range of services to help guide your business through implementing a new IT system.

Developing and improving an existing system, to providing day-to-day technical support to ensure you are getting the most from your chosen business solution.



Cim50

Cim50 is a modular system that provides you with all the tools you need to manage your business.

Whether you are looking for enhanced Stock Control to go beyond the capabilities of Sage 50 Accounts, or are looking for a complete Manufacturing package to control all aspects of your business, Cim50 is a revolutionary new product that gives you the control and confidence you need from your business-critical software.

We have combined our 100+ years' worth of manufacturing industry leading experience and knowledge to produce our own cutting-edge software solution that integrates with Sage 50 Accounts. When designing our software, we followed several key philosophies to ensure Cim50 is familiar to customers who use Sage 50 Accounts or have used Sage 50 Manufacturing. We focused on ensuring that Cim50 is easy to use, with a modern user interface, whilst providing powerful functionality and clear, easy to understand reporting.

We have listened to all comments and feedback received from customers and business partners, to produce a solution that will improve data management and processing for all.



integrates with...

sage 50cloud

...for enhanced functionality.





Easily control your stock

...with Cim50 Stock Control; combined with the Sage 50 Stock module, track and maintain the items you sell, buy or manufacture.

Take advantage of this module, to utilise traceability, quarantine and the ability to amend sales order despatches or purchase order receipts.

Traceability

Track all serial numbers & batch movements showing a detailed costing breakdown and history.

Quarantine

Book items into quarantine when receiving goods, completing a works order or manually transfer at any time.

Stocktake

Advanced stocktaking for batch and serial numbers, with the facility to halt all stock transactions for items being counted.

Despatch/Receipt

Despatch or receive goods from within Stock Control with the ability to capture packing information. If you've despatched the wrong item, or received the wrong quantity, simply amend accordingly.



Key Statistics

Monitor key indicators for your stock, including supplier and despatch performance with cost variances, in one easy to view enquiry.

Analysis Codes

Up to 20 analysis codes can be setup to suit your business requirements, used by the advanced filtering and search facility throughout Cim50.

		Stock Control Settings	-	
Stock Settings Traceability	Stock Analysis Important Note:	You have 20 analysis codes available. Once an analysis c from within the system. Please contact CIM Software Supp		anged
Stock Analysis	No.	Analysis Code Name	Туре	_
	1	Furniture Range	Text	-
Traceable Analysis	2	Offer Code	Numeric	•
	3	Offer Expiry	DateTime	-
Units	4	Signed off	Boolean	-
	5			-
	6			•
	7			•
	8			•
	9			•
	10			-1
	11			-
	12			•
	13			•

Audit Log

Check for amendments to stock records within the audit log, tracking any changes made and by whom.

User Interface

Cim50 Stock Control provides you with current functionality of Sage 50 Accounts, with enhanced features from Cim50, within one easy to use interface.

										Ow50	Desis 40	lening.		
Serv	rige Table	100		_										
1		3	60		12	71	0			P				
	New	Amanid	Vaw	Crew	Polia	Trecentity	Adultanta	External	Guarantine	Discipula	Pagerte			
	Column	- 20			• •	th Desire the			Sec.	Cer				
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	1000				-	Colors,	COMPANY			ments & Row Id	-	Here Store Hare	Contention	
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	CONTO			Campo			4			ments & flow M		Daug fam.	Considered	
	CUTS .			Cuples			- 2					21abl Term	Component	
	OR AWAR				et - Mahingany		3		1.0-40	endore.		block fem	Printed Goods	
	DEANIO				et - Dipk		1		1.0-A			Disck ferm	framed Goods	
	DEANIT			Dropow	d-Fire				Jub-An	entilei		Disck fem	Friehed Goods	
	DRAWIT			Doose	et - Tweet		1		1.0-4	artitles		Disub Term	Prohest Goody	
	CRAW/W			Down	el - Womut		*		1.0-Ar	armias		Zhook Farm	Print and Gunda	
	DRAWE			Drives	es Pyweet D	over time	2		3,0-34	artilat		Deak fam.	Phankan	
	1000/10/	NR		tappy	Managony		(4)		Compo	marts & Row M	lanetais .	25048-7649	Complement	
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	10/58/104	w.		Traping .	-Teck		(A.		Compo	nents & Row M	ciwici:	Dick Iwn	Component	
	1068/06/	whiat.		triping	Wahut		1		Compo	cath & Row M	loterioit:	Diock fem	Componenti	
	1440			Danie	nd Doewnin	ndae.	14		Comes	name 3 Row M	leteres .	Diote form	Component	
	40			Dedite	Assembly .				Tuto-Ae	arristes .		Photo Nem	Protection Controls	
	und mit			Jage-A	Ashigury		1		Compo	name & Row M	totatole	24cd fam	Component	
	20,055			Lage - C	Dus		1		Compa	Harris & Row M	lone/son	Daug Term	Companient	
	2001			Jags-7	174		1		Compo	nerts & flow M	latertak .	2Not here.	Companient	
	125/7			Jegs-1	HOR .		1		Compa	nents & Row M	totwycii.	Dtock feim	Component	
	ubG/W/			Jags-F	Rahut		1		Compo	neth & Row M	latertak -	Diock Iwe	Component	
	JODGE.			1/anois	end latest & 2 As	y met	(注)		Compo	natto & Row M	laterials	Diock Iwn	Gamponent	
	ASAm			Office 2	Cell - Mohop	mè .	4		fritted	Greek		Dicci ferr	Prehad Grode	
	AVAH-TOOP	C .		Detur	for Dett - Mer	viginy:	2		Tristed	Geitte		Disch here	Printed Sands	
	ONE				Des - Cist		2		Trotes			2 South Fairty	Frahad South	
	260/000	e -			tie Deal - Dia		2		tristed			24ob fem	Tridead Galati	
	716 2				Deal - Pros		3			Geog		2hold here.	Frided Souds	
	Pint/Cit				tve Deal - Pro		2		tristed			Stock Item	fridhed Scotts	
	1.478/573				ere Imm Gou	p#	10			nerts & Row M		Plock fern	Component	
	* 5.¥ - 1				id Sheets		1		Compo	narth & Row M	torterios	Diold here	Composervi	
	1809				Lanes Carlon	sed Pock	1					Direct from	Component	
	1CREAT				d annanaya.		1.		Comer	nants 2 Row M	orwise.	Plock News	Control and	
	1008				ed Ofije Dia		*					Disk Yere	Complement	
	100508				ed Office Cho	r-bege	1		- Conner			2hout frem	Campletett	
	100,005	-		-	internet	_			- CARA	NACE & BARRIES	CONT. IN	Thus here	CHENNEL	-

... one easy to use interface.



Configure your built items

...with Cim50 Bill of Materials. This module offers the flexibility to choose what is right for your business, depending on your manufacturing requirements.

This enhanced module includes multi-level bill of materials, an audit log to track every change made, and an ongoing costing history; capturing material, labour and machine overheads.



Costing History

Ongoing costing history gives you the confidence that your build and purchase costs are accurate, capturing material, labour and machine overheads.



Trial Kitting

Allows you to raise works orders and purchase orders for several jobs, ensuring manufacturing and purchasing costs are most efficient.



Reverse Build

Explode your components back into stock with accurate costs using the reverse build option.



Operation Components

Assign components to relevant operations and print on the appropriate paperwork to ensure components are only allocated when needed.

é	Amend Bill of Material - DRAW/M		_ 🗆 X
Main Details	Bom Reference: DRAW/M 🗨 Bom Description: Drawset - Mahogar	ıy	
Components	Components		
Operations	Seq. Stock Code Description	Quantity	Unit
	5.00 DRAWB Universal Plywood Drawer Base	6.00	Each
Documents	10.00 HAND Standard Drawer Handles	0.60	Each
Costing	15.00 TIMB/MAH Timber - Mahogany Veneer - 6 Metre	1.50	Each
Cosing	20.00 LOCK2L Standard Lock & 2 key set	1.00	Each
Analysis	30.00 AD2 Industrial Adhesive - Bulk Issue	1.00	5 litre
Audit Log	40.00 TUBE/ST1 Steel Tube 25mm Dia	1.00	Metre
	Resequence Add Remove View Stock Record Edit Sub-Assembly Components Fin	ished Goods 📃 F	Phantom Sub-Assy
	Additional Component Settings		
	In Progress: Scrap Percent: 0.00 Manufacturing Instruction: Slot into gravitation fixed Quantity: Reference: Bulk Issue: Operation: Operation:	xove	×
	Save		Cancel



Operation Times

Operation times in hours, minutes and seconds, easier access to operation and component setup with multiple subcontract suppliers.

	Amend Bill of Material - DRAW/M	- 0
Main Details	Bom Reference: DRAW/M 🗨 Bom Description: Drawset - Mahogany	
Components	Operations	
Operations	Seq. Reference Description	Туре
	5.00 CUT Cut Timber	Standard
ocuments)	15.00 DRILL Drill holes for handles	Standard
Costing	20.00 FIX Fit standard drawer handles and locks	Standard
	23.00 DRAWASS Drawer Assembly & Finish	Standard
nalysis	33.00 SUB CON Sub contract Varnish	Subcontract
	Resequence Operation Details Details Setup Labour Machine Tooling Manufacturing Instructions Other Gty Per Run: 1.00	
	Save	Cance



_	
_	
_	
_	
-	

Analysis Codes

20 analysis codes can be setup to help categorise your bill of materials, used by the advanced filtering and search facility throughout Cim50.

Audit Log

Ensure your bill of materials are accurate and check for amendments with the audit log, tracking any changes made and by whom.



...control your built items.

simple... ...and effective solution...

designed... ...with you in mind...

Works Orders

Manage your productior

...with Cim50 Works Orders. This module allows you to follow the 'build' on the shop floor, with amendable documentation, detailing the quantities of components required, which operations are needed and when.

This enhanced module allows you to raise, progress and track your works orders throughout the entire production process. Providing easy interfaces and enquiry screens to allow you to have confidence that your jobs are being completed on time, on spec, and within budget.

An advanced subcontracting module allows you to control all subcontract processes. Capacity planning allows you to control your in-house resources as needed, and powerful component control allows you to reserve component stock for jobs, including batch or serial numbers. 11

Æ		Ame	nd Works Order - WO	0013		_ 🗆 X
Main Details	Works Order Referer	nce: WO0013	v			
Links	Works Order Detai				Dates	
Memo	Bom Reference:	DRAW/M	▼ Status: Entere	d	Created: 03/07/2017	*
Components	Description: Qty Required:	Drawset - Mahogany	Unit:	Each 🔻	Due Date: 03/07/2017 Safety Due Date: 01/07/2017	•
Routing	Qty Outstanding:	1.00			Start Date: 03/07/2017	
Subcontracting	Qty Scrapped:	0.00			End Date: 03/07/2017	•
	Qty Complete:	0.00	Batch Numbers		Last Completed:	*
Costing	Revision: Quality Standard:	2				
Documents	Project Number:	1307002	Works Number:		Labour Overhead: 0.00	%
Analysis	Salesperson:		WIP Nominal Code:	•	Machine Overhead: 0.00	%
Audit Log	Instructions					
	Manufacturing Instr Wear gloves handl					
	wear gioves nanai	ing				Â
	Product Image				Planning	·
					Include in MRP Demand:	
					Include in MRP Replenishment: Exclude from Stock Profile:	
	Save					Cancel

Improve cash flow

Assign components to specific operations, which in turn, will have their own due dates. Only buy stock when you need it, easing warehouse space.

Sub Contract

Raise purchase orders, despatch the goods to your sub contract supplier and receive them back within one easy to use screen.

Manage your resources

Record labour bookings against your jobs, either by employee or works order and check the available capacities of your labour and machine resources.

Reduce costs and delivery times

Capture every amendment to your works order with the audit log, ensuring your data is accurate and your costs are correct.

Archive

Keep a full history of all your works orders, but keep your 'live' orders to a minimum.

Linking

Raise orders for parent works orders or multiple sales orders with the 'Link' functionality.

Detailed Costing History

View the current costs of your works order through the detailed costing enquiry, broken down by material, labour, overheads with an expected costs comparison.

Rough Cut Capacity Planning

Keep an eye on your shop floor loading with this simple enquiry, detailing the hours required and used for your labour and machines. Export to excel for data manipulation.



...manage your shop floor.

Planning

Despatch in time

...with Cim50 Planning. This module is key to controlling your stock and ensuring goods are manufactured in time to despatch to your customers.

Recommend purchase orders and works orders based on current demand held within Sage 50 and Cim50. Read from sales orders, sales forecasts, works orders and make to stock items. Or, simply ensure that your stock levels are at the reorder level set against the stock record.

Control Materials	Demand Schedule	Read Linking	MRP Lists Run	Process View Make for Stock	Sales Forecast	Reports										
ning	Columns Filter		Quick Search	n.	Search Cie	or i								Cur	rent View:	Recommendations
ations	MRP Recommendatio	ns (Last Run: 12/0	7/2017 08:41)													
Orders	Rec. Reference	/ Parent Tag	Stock Code	Description	Туре	Demand Date	Order Date	Receipt Date	Demand Quantity	Rec. Order Qty	Suppler	Supplier Name	Lead Time	Order Reference	Action	Status
	REC0000001	SO - 12	MAH	Office Desk - Mahogany	Manufacture	13/07/2017	12/07/2017	13/07/2017	25.00	50.00			0		New	Awaiting Action
	REC000002	SO - 6	OAK	Office Desk - Oak	Manufacture		18/07/2017	21/07/2017	37.00	100.00			0		New	Awaiting Action
	REC000003	Multiple	PINE	Office Desk - Pine	Manufacture		14/07/2017	18/07/2017	100.00	100.00			0		New	Awaiting Action
	REC0000004	Multiple	TEAK	Office Desk - Teak	Manufacture		27/07/2017	31/07/2017	100.00	100.00			0		New	Awaiting Action
	REC0000005 REC0000006	SO - 5 SO - 12	TEAK DRAW/M	Office Desk - Teak Drawset - Mahogany	Manufacture Manufacture		03/08/2017	07/08/2017	90.00	100.00			0		New	Awaiting Action Awaiting Action
	REC000007	Multiple	DRAW/P	Drawset - Pine	Manufacture		14/07/2017	17/07/2017	100.00	100.00			0		New	Awaiting Action
	REC0000008	SO - 5	DRAW/T	Drowset - Teak	Manufacture		03/08/2017	04/08/2017	100.00	100.00			0		New	Awaiting Action
	REC0000009	Multiple	LEG	Desk Leg Assembly	Manufacture		12/07/2017	19/07/2017	800.00	250.00			0		New	Awaiting Action
	REC0000010	Multiple	LEG	Desk Leg Assembly	Manufacture	31/07/2017	21/07/2017	28/07/2017	400.00	250.00			0		New	Awaiting Action
	REC0000011	SO - 5	LEG	Desk Leg Assembly	Manufacture	07/08/2017	26/07/2017	04/08/2017	400.00	400.00			0		New	Awaiting Action
	REC0000012	Multiple	TOP/P	Desktop - Pine	Manufacture	18/07/2017	13/07/2017	17/07/2017	100.00	95.00			0		New	Awaiting Action
	REC0000013	Multiple	AD2	Industrial Adhesive - Bulk Issue	Purchase	17/07/2017	14/07/2017	14/07/2017	0.19	25.00	1051	Superior Castings Ltd	0		New	Awaiting Action
	REC0000014	Multiple	LOCK2L	Standard Lock & 2 key set	Purchase	12/07/2017	12/07/2017	17/07/2017	220.00	110.00	3052	Wedgwood Marshall & Wilson	5		New	Awaiting Action
	REC0000015	SO - 5	LOCK2L	Standard Lock & 2 key set	Purchase	04/08/2017	28/07/2017	03/08/2017	100.00	100.00	3052	Wedgwood Marshall & Wison	5		New	Awaiting Action
	REC0000016	SO - 12	TIM8/MAH	Timber - Mahagany Veneer - 6 Metre	Purchase	12/07/2017	12/07/2017	01/08/2017	150.00	148.00	BU1001	Builders Supplies Ltd.	20		New	Awaiting Action
	REC0000017	Multiple	TUBE/ST1	Steel Tube 25mm Dia	Purchase	17/07/2017	12/07/2017	14/07/2017	500.00	200.00	1051	Superior Castings Ltd	2		New	Awaiting Action
	REC0000018 REC0000019	Multiple SO - 5	TUBE/ST1 TUBE/ST1	Steel Tube 25mm Dia Steel Tube 25mm Dia	Purchase	28/07/2017 04/08/2017	25/07/2017	27/07/2017 03/08/2017	500.00	500.00 800.00	1051	Superior Castings Ltd Superior Castings Ltd	2		New	Awaiting Action Awaiting Action



Reads demand from sales orders, sales forecasts, works orders and make to stock items.

Maintains stock levels based on reorder levels, maximum stock level and other settings within the stock record.

Action combined or single recommendations to raise purchase orders and works orders.

Suggests cancelling or rescheduling orders that are no longer required or can be used to satisfy other demand.

Automate both MPS and MRP at a convenient time for your business, with user specified default settings.

Easy to read output logs detailing reasons for recommendations, with historic logs.



Jobbing or Batch

Items can be configured as either Batch or Jobbing, determining how MRP will treat demand for that item.



Forecast

Raise sales forecasts by day, week or month, to ensure you have sufficient stock to satisfy your expected order book.

é		New Sale	es Forecast				_ 🗆 🗙
Forecast Details	New Sales Forecast						
Torecasi berais	Reference: Demo Forec	ast		Customer Speci	fic: 🔽		
	Start Date: 04/07/2017	v		Customer Ref:	1838	~	
	End Date: 04/07/2018			Customer Name	Compton Pa	ckaging	
	Frequency: Daily	v					
	Status: Entered						Confirm
	Forecast Items						
	Stock Code	Description	Item Type	Forecast Total	Unit of Measure	04/07/2017	05/07/2017
	OAK 🔽	Office Desk - Oak	Finished Goods	524.00		2.00	2.00
		Office Desk - Mahogany	Finished Goods	1,048.00		4.00	4.00
					-		
	✓ Forecast Notes						Þ
	Demo Forecast						Cancel

...take control of production.

Quotations

Manage your sales

...with Cim50 Quotations. This module allows you to create quotations for manufactured items, configuring them from within the record itself, including non-stock items.

Define multiple price breaks with automatic cost calculation, raise sales, purchase and works orders from within your quote and setup repeat service and miscellaneous items.



Setup Repeat Items

Ability to set up service and miscellaneous items on your quotes for repeat use.



Flexible Pricing

Calculate sales prices based on cost mark-up, profit margin or on a fixed priced basis, giving you flexibility to price your quotes the way you need to.

é		Quotation Setting	S			x		
Quote Settings	Service Items							
	Туре	Description		Unit Cost	Unit Price			
Quote Analysis	Installation	Install Charges		12.50000	35.00000			
Item Analysis	Training	Training Charges		12.50000	35.00000			
Herri Andiyaa	Carriage	Carriage Charges		5.00000	10.00000			
Service Items	Insurance	Insurance Charges		5.00000	10.00000			
	Demo	Demo Charge		50.00000	99.99000			
	Admin Charge	Admin Charge		5.00000	10.00000			
			Quotation Set	ervice Item	Lun Quota		Service Item	
			Type:	Admin	Charge			
			Description:	Admin	Charge			
			Bosonphorn.		Charge			
	Add	Edit Remove						
	Save		Default Unit (Cost: 5.00000				
			Default Unit F	Price: 10.0000	0			
			Save					Close



Raise Orders

Once a quote has been accepted, you can move onto the next step, by raising sales, purchase and works orders directly from within your quote. Or, just convert the quote to a sales order and let the Cim50 Planning module take care of the rest.

é	Quotat	ion QUO00031 - Ord	ers			-		x
Quotation Quote Reference: QUO00031	Customer:	AD01 - ADVANCED SEC	URITY PROTECTIO	N				
Quotation Date: 06/07/2017	Current Status:	Entered						
Order Type								
	hase Order(s)							
Create New Sales Order Order Number: Auto Number>	Order Date: 06/07/2017	Customer PO:	[
	Due Date: 06/07/2017	Type:	 Sales Order 	O Proforma Orde	er			
No. Product Code Description				Quantity	Unit Price	Line Val	ue	
1 1002/59/1 SIDEWINDER HOLST	ER			1.0000	0.00000	0.00000		
Net Discount to Apply: 0.00000 %	or 0.00000							
Create						C	Cance	ł



Detailed Profit and Loss Analysis

Broken down by material, labour, machine, overheads and subcontract costs. Cim50 Quotations module gives you full visibility of your costs, revenue and expected profit margin.

Main Details	Quote Reference: QUO00029	Customer: AE02 - UKAEA		
Products	Costing Analysis			
Service & Misc	Item	Description	Cost	Revenue
	Product Cost Items			
Costing	Materials	Material Costs	101.00000	
Attachments	Labour	Laibour Costs	23.00000	
	Setup	Setup Costs	50.00000	
Jpdates	Machine	Machine Costs	0.00000	
Anialysis	Tooling	Tooling Costs	0.00000	
Arrivaly ala	Subcontract	Sulbcontract Costs	0.00000	
	Overheads	Overhead Costs	6.20000	
	Sub-Total		180.20000	
	Service Cost Items			
	Admin Charge	Admin Charge	0.00000	
	Carriage	Carriage Charges	0.00000	
	Demo	Demo Charge	0.00000	
	Installation	Instal Charges	0.00000	
	Insurance	Insurance Charges	0.00000	
	Training	Training Charges	100.00000	
	Sub-Total		100.00000	
	TOTAL COSTS		280.20000	
	Product Revenue			-
	Export			

...raise price quote.

640509 040147

Shop Floor Data Capture

Process stock movements

...with Cim50 Shop Floor Data Capture. This module allows you to process stock transactions from the convenience of a handheld tablet or workshop PC.

Utilise the power of barcode scanning to streamline your production processes, stocktaking and resource management.

Stock Control Functionality



Stock Transfer – process stock location transfers.



Quarantine – process quarantine inspection against products, releasing to stock or rejecting for supplier return/in house re-work.



Purchase Orders – generate purchase orders simply by scanning items that you require in your workshop.



Goods Despatch – pick and pack items for despatch, then process and generate a delivery note.



Goods Receipt – process goods received, scan your received item barcodes to automatically book them in to stock.



Confirm

Stocktake – undertake planned or impromptu stock counts, with count figures being either automatically uploaded or held for sign off at the end of the stock take.

🗐 Shop Floor Data Captu	ire			_		Х
	Company: Desk 4U Limited Current User: Joe Bloggs			p Floor Dat on: 2021.2.0.0	a Capt	ure
Stocktake						
Stock Code:	LEG					
Description:	Desk	Leg Assembly				
Batch Number:	GRN	0041				
Location:	\$15					
Expected Quantity	10.00)				
Count Qty:						
Additional Info						
Order Reference:			Date Received:	08/03/2	021	
Account Reference	:		Sell By Date:	08/03/2	021	
Account Name:			Use By Date:	08/03/2	021	
Supplier Batch:	N/A					
Supplier Certifcate:	3213	68				
Notes:	Insp	ected 08/03/2021 - JB				

Cancel

...quick stock movements.



Bill of Material Functionality



Build – process BOM builds, scanning out component stock and adjusting in finished items.



Reverse Build – process a BOM reverse build.



Operation Times

Capture labour times for works order operations, either real time or backflush, automatically issue associated components and complete works orders on final operation.



Allocate stock to works orders by scanning component stock, batch or serial numbers.



Complete

<u>Subcontracting</u>

Despatch and/or Receive components that require subcontract processes.

Works Order Functionality



<u>Issue</u>

Issue stock to works orders by scanning component stock, batch or serial numbers.

Scrap Components & Finished Goods

Scrap components and finished items, record reasons and re-issue replacement components, with options to increase existing works order quantity or create a new works order.



Interrogate your data

...with Cim50 Dashboards. Collaborating with your existing modules, Dashboard takes a snapshot of your data, allowing you to access, interact and analyse up-to-date information, making smarter, data driven decisions.

Utilise the power of Dashboards to get complete visibility of your stock and production information. All dashboards are drillable and provide the option to look back at previous snapshots, to interrogate historical data at any time.

Stock Valuation

Displays stock valuation by stock category or sell by date in the form of a pie chart.

Aged Stock Valuation

Displays value of stock based on when it was last used.

Best and Worst Performing Suppliers

Displays the top 10 best and worst performing suppliers in the last 12 months, based on delivery performance.

Last Movement Dates

Displays last movement dates for key transaction types in Cim50, such as goods received and goods despatched.

Works Order Completions

Displays a graph showing the quantity completed on time, quantity completed late and quantity scrapped per month.

WIP Valuation Breakdown

Displays a pie chart detailing a breakdown of the WIP valuation by Material, Labour, Machine, Setup, Tooling, Subcontracting and Overheads.



Completion Costing Variance

Displays a list of works orders completed in the last month where the actual cost was higher than the expected cost.

Action Quotation Profitability

Displays a list of active quotes ranked by profitability.

Overdue Works Orders

Displays a list of overdue works orders.

Quote Conversion Statistics

Displays a graph detailing the number of quotes raised, won and lost each month.

Bill of Materials - Costings

Displays a list of BOMs where the cost price or suggested selling price is higher than the standard selling price.

Bill of Materials - Volume and Value

Displays a graph detailing build volume (quantity) and value broken down by week number.



Planning Recommendation Statistics

Displays a pie chart showing the breakdown of purchase / manufacturing recommendations and those that are overdue.

Demand Schedule Summary

Displays a live breakdown of the makeup of the last demand schedule run.

Recommended Supplier Spend

Displays a bubble graph detailing the number and value of orders that are recommended to be placed with suppliers.

Carbon Footprint

Calculate and offset

...your Carbon Footprint using a unique set of features within Cim50.

Many studies have shown that most businesses are not aware of how much carbon they produce. In 2021 the government called on small businesses to lead the charge in reducing their Carbon Footprint and set out a target to reach net zero emissions by 2050.

A carbon footprint is the total greenhouse gas emissions caused by an individual, event, organisation, service, place, or product, expressed as carbon dioxide equivalent.

Whilst that provides you with a brief definition of what it is, it doesn't tell you why it is important and why you should care about it.

The importance of Carbon Footprint

The best way to tackle climate change is to reduce your carbon footprint by taking your everyday carbon emissions into consideration. This means that you can increase or decrease your carbon footprint with your everyday choices.

The ultimate goal is to become 'Carbon Neutral', which is where your carbon output is effectively reduced to zero, by offsetting your carbon usage.

Calculating Carbon Footprint with Cim50

Following the government announcement, we have included a unique set of features that allows you to calculate the Carbon Footprint for your manufactured products.

Cim50 allows you to calculate the carbon emissions generated from your manufacturing processes through two different modes.

Both calculations ultimately result in a 'Carbon Cost' defined in KgCO2e (Kilograms of CO2 equivalent) which is calculated when a works order is completed.

You can interrogate your carbon emissions produced during a certain period allowing you to implement changes into your manufacturing processes.

Simple Mode

To calculate your carbon footprint in simple capture mode, all you need are your fuel bills. Tell Cim50 what types of fuel you are using as a business, how much you are using, and over what period of time.

Using the carbon footprint of your purchased items, as detailed from your suppliers, along with your production output, Cim50 will calculate the carbon cost for your manufactured items.

Cim50 - Carbon Emission Cim50 - Carbon Emissio	s Setup	-		×
Carbon Emissions Setup - Simple Mode				?
Electricity			- 7	
Is your electricity tariff setup v	vith your electricity provider a 'Standard' tariff or a 'Green/Renew	able' tar	iff?	
O Green 🖲 Standard				
Energy Conversion Ratio:	1 kWh = 0.412050 KgCO2e			
Electricity Bill Start Date:	24/10/2021			
Electricity Bill End Date:	24/01/2022			
Electricity Usage on Bill:	1,510 kWh			

🛞 Cim50 - Carbon Emissions Setup

Carbon Emissions Setup - Simple Mode

Summary

Calculation Period: 24/10/2021 - 24/01/2022

Using the data provided, your calculated annual CO2e emissions are:

Item	Annual Emissions (Kg CO2e)	Estimated Offset Cost (£)
Electricity	2,468	19.75
Gas	2,811	22.48
Wood Pellets	13,219	105.75
Electric Cars	0	0.00
Petrol Cars	28,000	224.00
Medium/Large Vans	38,080	304.64
7.5t - 12t Lorries	68,800	550.40
12t - 26t Lorries	112,000	896.00
TOTAL	265,378	2,123.02
This calculates to an hourly production cost of :	133.76 Kg CC)2e

Complete Mode

To capture the exact carbon costs for your manufactured items, you would use full capture mode. This mode allows you to enter further information, as detailed below.

- Enter fuel usage and type against your production machinery.
- Enter details of your vehicle fleet, including annual mileage, fuel type and emissions data.
- Carbon Overheads enter your business fuel bills (Gas/Electricity etc) into Cim50. The system will then calculate what portion of those bills are overheads based on the production output of your system over that time period.

Along with the carbon footprint of your purchased items, as detailed from your suppliers, Cim50 will provide you with an accurate carbon cost for your finished goods.

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Reporting Carbon Usage

A new dashboard has been added to Cim50, which allows you to see your carbon footprint on a monthly basis.

This dashboard highlights which products have the highest carbon footprint, what machinery and vehicles are costing you the most, and allows you to make informed decisions to help reduce your carbon footprint.

In addition, there are numerous reports available throughout Cim50 giving insight into your carbon usage.



Offset your Carbon Usage

You can offset carbon usage by funding carbon offsetting projects or via purchasing renewable energy credits located in the UK and Europe.

Choose to give your customer the option of offsetting the carbon usage for the items they're purchasing or offset it on their behalf and share the good news with them.

manufacturing software...



Cim50 manufacturing

If you are interested in finding out more, please contact us on 02382 02 69 69 or email enquiries@cim-services.co.uk.



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