

WAREHOUSE MANAGEMENT SOLUTION

Digital Signature

(User Manual)

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Digital Signature

This document addresses the development of the Digital Signature functionality in WMS, where document gets signed electronically and is validated by the signer. Digital signatures, like handwritten signatures, are unique to each signer. A digital signature is intended to solve the problem of tampering and impersonation in digital communication.

Digital signature functionality will get implemented on below mentioned invoices and documents:

1. Invoices

- Storage Invoice
- Insurance Invoice
- Over & Above Invoice
- General Monthly Billing Invoice
- PCS invoice
- H&T Invoice
- Demand Notes in Custom Bond
- Custom Bond Insurance Invoices
- Weighment Invoices
- Custom Bond Storage Invoices
- Other Income Invoices
- Credit Note
- Debit Note

2. Documents

- ACK
- WHK
- Cash Receipt
- Advance Receipt

The user will follow the below mentioned steps to sign the document/invoice digitally:

Prerequisites: Installing the following utility in the system is essential and a pre requisite to get data from the certificate.

https://download.cnet.com/Signer-Digital-Chrome-Extension/3000-33362_4-78042540.html?part=dl-&subj=dl&tag=button

> The user will plugin DSC device in the system.

Once done, the user will navigate to the invoice on which he wants to sign digitally as follows:

Accounts & Billing \longrightarrow Billing \longrightarrow Invoice (on which the user wishes to sign digitally)

▶ Here, a listing screen will appear as follows:

Central Warehousing (केंद्रीय भंडारण निगम A Got Of Inda Uncentations	Corporation			0	There are 9 space reservations expiri	ng with in two months. Re	enew Now 0	Please A pwhouse
Dashboard	Invoices Handling & Tra	nsportation List					+ New Bill	+ Update OutStanding
Warehouse Management Master								
Master Godown Management	Branch	Fro			То		obal Search	
Key Management	pwhouse	- 03	3/03/2023	Ê	13/03/2023	#		
Custom Bond Management	Page Sizes	_						
Space Reservation	10	✓ S	earch					
Stack Management								
Book Transfer								
Receipt Of Stock							Q	
Standardization	S.NO.	Voucher Number	Invoice Amount		Date of H & T Invoice	Party Nam	ie	Bill Status
Issue Of Stock		54321/2022/0147	3098.00		13/03/2023			
Preservation	88 🚔 🔿	54321/2022/014/	3098.00		13/03/2023	privateimp		Active
Gunny Management	55 A B	54321/2022/0146	6372.00		13/03/2023	ABCD		Active
Internal Movement								
Asset Management Reports & Registers	88 🖨 🖿	54321/2022/0145	3823.00		13/03/2023	Adani Pvt	Ltd	Active
Engg & Maintenance								
H&T	88 🚔 🖹	54321/2022/0144	2950.00		13/03/2023	AARICSO	N	Active
Business Economy								
Mandi Yard	82 🚔 🗎	54321/2022/0143	3009.00		13/03/2023	ABCD		Active
PCS Management	88 🖨 🗎	54321/2022/0140	3098.00		13/03/2023	gourav		Active
Physical Verification						,		
Account & Billing	22 -	54321/2022/0139	30090.00		13/03/2023	gourav		Active
- Billing								
Storage Bill	🔿 🗙 🖹	54324/2022/0134	4994.00		13/03/2023	AARICSO	N	Active
Over & Above / General Billing								
Insurance Bill	🚔 🗙 🖿	54324/2022/0133	2626.00		13/03/2023	AARICSO	N	Active
Advance Receipt Voucher Pest Bill	88 🖨 🗎	54321/2022/0138	38141.00		11/03/2023	gourav		Active
Weighment Bill						,		
Other Income Bill	52 🔒	54321/2022/0137	94828.00		11/03/2023	gourav		Active
Debit Note Credit Note								
Demand Notes		54321/2022/0136	3098.00		11/03/2023	privateimp		Active
H&TBill Outers Band								
Custom BondManagement Basis Bill	88 🚔 🖿	54321/2022/0135	3009.00		11/03/2023	privateimp		Active
-	e	54324/2022/0131	27050.00		11/03/2023	gourav		Active
Jtility Report Temporary Advance			21000.00			gouldy		
Imprest	Chauden d						First Drev/	1 Next Lort
Vendor Registration	Showing 1 to 14 c	n 14 entries					First Previous	1 Next Last
Cash Receipt								
Jpdate Payment Against Bill								
Challan Reprint								
Inspection								
Employee Management								
Farmers Extension Service Scheme								
FCIDOS								
Other Transactions								

- > The user will click on the \bigcirc icon to "Sign document".
- By clicking on the given icon , a dialog box will appear on the screen for the validation of the digital signature as shown below:

Central Warehousing C केंद्रीय भंदरारण निषम Land Or total (mathematic	orporation					O porhouse
1.10-26	Indos					
	Handling & Transpor	rtation List				+ New Bill + Update OutStanding
laster	Branch *		From *	To "	Global Search	
iodown Management	putiouse		· 03/03/2023	13/03/2023	e	
ey Management						
ustom Bond Management	Page Sizes		Search			
pace Reservation	10		- Search			
tack Management						
look Transfer						
eceipt Of Stock						٩
landardization	5.NO.	Voucher Number	Invoice Amount	Date of H & T Invoice	Party Name	Bill Status
sue Of Slock						
reservation	10 (54321/2022/0146	6372.00	13/03/2023	ABCD	Active
iunny Management Itemat Movement	57 A M	54321/2022/0145	3823.00	13/03/2023	Adani Pvt Ltd	Active
sset Management eports & Registers	2 A 1	54321/2022/0144	2950.00	13/03/2023	AARICSON	Active
ngg & Mainlenance	241	54321/2022/0143	3009.00	13/03/2023	ABCD	Activa
&T Windows Security	100 B	X	3003.00	THUS COLD		Cover 6
andi y www.signer.digita	l.	2/0140	3098.00	13/03/2023	gourav	Active
CS Mr Select Certificate for Digit		2/0139	30090.00	13/03/2023	goonav	Active
DOCSHAT SPOR	a Sub CA for Class 2	2/0134	4994.00	13/03/2023	AARICSON	Active
	11-2020 to 12-11-2023	2/0133	2626.00	13/03/2023	AARICSON	Activa
theme		2/0138	38141.00	11/03/2023	gourae	Active
OK	Cancel					

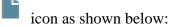
- The user will verify the details displaying on the dialog box and click on the button.
- > The user can also click on the "Cancel" button to abort the process.
- After the user clicks on the ok button the system scans the document, system asks for an Authentication password/pin as shown below:

E किंग भंदारण निषय	1					A perhous
Dashboard Warehouse Management	Handling & Trans	sportation List				+ New Bill + Update OutStandi
Master	Branch *		From*	TD *	G	lobal Search
Godown Management	pwhouse	•	03/03/2023	13/03/2023		
Key Management	1					
Custom Bond Management	Page Sizes		COLUMN STATE			
Space Reservation	10	v	Search			
Stack Management						
Book Transfer						
Receipt Of Stock						Q
Standardization	5.NO.	Voucher Number	Verify User PIN	N × Linvoice	ce Party Name	e Bill Status
ssue Of Stock			92 No	w verfy your User PIN:		
Preservation	B2 0 0	54321/2022/0146		1	ABCD	Active
Gunny Management			User	PDE		
Internal Movement	RAL	54321/2022/0145		Enable soft keyboard	Adani Pvt L	td Active
Asset Management				User PDN Loon Cencel		
Reports & Registers	52 👄 🖬	54321/2022/0144	2300/00	tavaever	AARICSON	Active
Engg & Maintenance						
H&T		54321/2022/0143	3009.00	13/03/2023	ABCD	Active
Business Economy						
Mandi Yard	22 & h	54321/2022/0140	3098.00	13/03/2023	Bonuan	Active
PCS Management	1.00	54321/2022/0139	30050.00	13/03/2023	gourav.	Active
Physical Verification	19 e	54321/2022/0139	30050.00	13/03/2023	Sonan	Active
Account & Billing		54324/2022/0134	4994.00	13/03/2023	AARICSON	Active
Inspection	0 × b	0102020200104	4354.00	131032023	Annoson	nvera.
Employee Management		54324/2022/0133	2626.00	13/03/2023	AARICSON	Active
armers Extension Service		(((((((((((((((((((
Scheme		54321/2022/0138	38141.00	11/03/2023	gourav	Active

- > The user will enter the pin for authentication.
- \blacktriangleright The user can also change the pin or cancel the process.
- Once the pin is authenticated by the user, a pop-up message will appear displaying the message for successful authentication.

🗮 🎯 वेदीय मंदारण वि	sing Corporation नेयम ब		cwcazure.weexceldemo.com says Bill Signed Successfully.			A pwhouse
Dashboard Warehouse Management	Handling & Tran	sportation List		i ox		+ New Bil + Update OutStandin
+ Master	Branch *		From*	To *	Global Search	
 Godown Management 	pwhouse		03/03/2023	13/03/2023		
+ Key Management	Dame Dinos					
Custom Bond Management	Page Sizes	÷	Search			
+ Space Reservation	10		Jeanon			
 Stack Management 						
 Book Transfer 						
 Receipt Of Stock 						Q
Standardization	5.NO.	Voucher Number	Invoice Amount	Date of H & T Invoice	Party Name	Bill Status
 Issue Of Stock 	Capital State	71001 0100 010		13/03/2023	1000	Active
Preservation	B 0 0	54321/2022/0146	6372.00	13/03/2023	ABCD	Active
 Gunny Management 	Concerned and	54321/2022/0145	3823.00	13/03/2023	Adami Pvt Ltd	Active
 Internal Movement 	58 O B	0404.0242.00140	3023.00	131032023	Plant Pit Lin	Propriet and a second
 Asset Management 	12 A N	54321/2022/0144	2950.00	13/03/2023	AARICSON	Active
 Reports & Registers 						
 Engg & Maintenance 		54321/2022/0143	3009-00	13/03/2023	ABCD	Active
+ H&T						
 Business Economy 	12 O b	54321/2022/0140	3098.00	13/03/2023	gourav	Active
 Mandi Yard 	1998 (1973) 					
PCS Management	12 A	54321/2022/0139	30090.00	13/03/2023	gourav	Active
 Physical Verification 	11.000 F.1					
Account & Billing Inspection	0 × b	54324/2022/0134	4994.00	13/03/2023	AARICSON	Activo
 Inspection Employee Management 						
 Employee Management Farmers Extension Service 	i × k	54324/2022/0133	2626.00	13/03/2023	AARICSON	Activa

- > By clicking on the "OK" button, the chosen invoice/document shall be signed digitally.
- The user can view and download the digitally signed invoice/document by clicking on the



Bign 904,pat - Adobe Acrobat Reader (64-bit) File Edit View Sign Window Help						te staring (Soogie Ch	20/fie		-			Espand panel to show video
Home Tools Sign PDF,pat ×													
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To,													
ABCD													
Chandigarh													
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1. Duplicate Copy for RM,CWC,rone	ew.												
2. Triplicate Copy for Warehouse, p	whouse												
									Si	goata	MN 3/61	to by LAKSHAY	RMA
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- O Turne here to search												1	Air Poor

3. Annexure I

The steps to install the browser extension are as follows:

> The user will click on Ctrl or hit the following link on the browser:

https://download.cnet.com/Signer-Digital-Chrome-Extension/3000-33362_4-78042540.html?part=dl-&subj=dl&tag=button

M Inbox - simrenjeetkour@weexcel. 🗙	S CWC	× Miro Online Whiteboard for Vist ×	New Tab	×	+	\sim	— č
\leftarrow \rightarrow C (S https://downloa	d.cnet.com/Signer-Digital-Chro	ome-Extension/3000-33362_4-78042540.html?pa	art=dl-&subj=dl&tag=button			Ø	* 🗆

> Once done, the user will be redirected to the following screen:

¥ Download	Q Search Apps		Windows 👻	Mac 👻	ios 🗸	Android 👻	More -	
By <u>Chartered</u>	er. Digital Chrome	Extension						
GENERAL	Release Date Added Version	November 18, 2022 November 18, 2022 3.1.0						
COOKIE SETTINGS	Operating Systems	Windows 10, Windows 8, Windows Vista, Windows 11, Windows 7, Windows XP						

▶ Here, the user will click on the "Download Now" option.

8 Download	Q Search Apps		Windows - Mac	✓ iOS ✓ Android ✓ More ✓
	er. Digital Chrome	Extension		
	DOWNLOAD NOW			
Quick Specs				
GENERAL	Release	November 18, 2022		
	Date Added	November 18, 2022		
	Version	3.1.0		
OPERATING SYSTEMS	Operating Systems	Windows 10, Windows 8, Windows Vista, Windows 11, Windows 7, Windows XP		
	Additional Requirements	None		
POPULARITY	Total Downloads	3,874		
	Downloads Last Week	199		

> The exe file will be downloaded.



> The user can navigate to "downloads" option in the system.



> By clicking on the file, the following dialog box will appear:

	Signer.Digital Browser Extension - X	
etup (1) Extensi	Welcome to the Signer Digital Browser Extension igital	
	The installer will guide you through the steps required to install Signer.Digital Browser Extension on your computer.	
	Signer.Digital Chrome Extension application developed and distributed by Chartered Information Systems Private Limited, India. Copyright @ 2020	
	< Back Next > Cancel	

> The user will click on the "Next" tab to proceed further in the installation process.

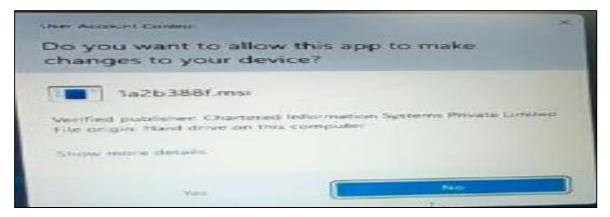
Next >
By clicking on the Next > tab, the following screen will appear. The user will
choose the "Everyone" option and click on the button.

Signer.Digital Browser Extension			\times
Select Installation Folder	signer	r odigi ta	al
The installer will install Signer.Digital Browser Ext	tension to the following fol	der.	
To install in this folder, click "Next". To install to	a different folder, enter it b	below or click "Browse"	
Folder:			
C:\Program Files (x86)\Signer.Digital Browse	r Extension\	Browse	
		Disk Cost	
Install Signer.Digital Browser Extension for you	urself, or for anyone who u	ises this computer:	
 Everyone 			
◯ Just me			
	(Back Next)	> Cancel	

> By clicking on the "Next" tab, the following screen will appear:

Signer.Digital Browser Extension	×
Confirm Installation	signer
	igital Browser Extension on your computer.
AL Click "Next" to start the installation.	
r I	
AL	< Back Next > Cancel

- Here, again the user will click on the system.
 Next > tab to start the installation on the system.
- > Once done, the user will click on the "Yes" option on the following prompt screen:



> The user will click this "Finish" option on the below attached screen.

Signer.Digital Brows	ser Extension	Circ		_		×
Welcome to th Setup Wizard	e Signer.D	igital Bro	ğh ến	sion	gt	tal
Select whether you want	to repair or remov	ve Signer.Digital B	Browser Extensio	on.		
● Repair Signer.Digit ○ Remove Signer.Dig						
		< Back	Finish		Cance	3

> After clicking on "Finish" tab, the following dialog box will appear:

Signer.Digital Browser Extension						×
Installation Complete	s	igr	ner	Od	Igi	tal
Signer.Digital Browser Extension has been suc	cessfully in	stalled.				
Click "Close" to exit.						
						_
						_
Please use Windows Update to check for any	critical upo	lates to ti	ne .NET I	Framewo	rk.	
	< Back		Close		Canc	el

➢ Here, the user will click on the "Close" tab to finish the setup process.