

CAR

DSDBUSINESS SYSTEMS

SAGE 100 ENHANCEMENTS

CIL6 EXTENDED LOT/SERIAL NUMBERS



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Extended Lot/Serial Numbers

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Section A: Introduction

This manual contains a description and instructions for this DSD product. Operating instructions are included for the features added by this product to Sage 100. For instructions on using Sage 100, refer to the appropriate Sage 100 manual, or call your Sage 100 reseller. DSD Business Systems offers excellent Sage 100 support, at an hourly rate.

Extended Lot/Serial Numbers Features

The following modules will be modified to change the Lot / Serial Number field to be 60 characters instead of 15 characters:

- Accounts Receivable
- Inventory Management
- Sales Order Processing
- Purchase Order Processing
- RMA
- Bill of Materials
- Production Management

IMPORTANT: This product may NOT be installed if the Work Order module is integrated.



Section B: Getting Started

Important – Read this section prior to installing this enhancement.

Updated Modules

This enhancement modifies several Sage 100 modules. If you reinstall one of the Sage 100 modules listed in the following table, you must also reinstall this enhancement. Enhancements from different Sage Tech Partners may not be designed to work together.

Module	CIL6
Inventory Management	\checkmark
Purchase Order	\checkmark
Sales Order	✓
Library Master	\checkmark

If you are upgrading Sage 100 with a Product Update, check the DSD website for compatibility before upgrading. A new version of the enhancement may be required.

If you are upgrading Sage 100 to a new version (e.g., 2021 to 2023), you must obtain the latest compatible release from the DSD website prior to installing and converting.

Ensure the compatibility of all enhancements with the version being upgraded to prior to starting the installation process. Work with your reseller to ensure that enhancements are compatible with each other and note the proper order in which they should be installed.



Installation

Back-up: Exit all Sage 100 sessions. Back-up existing Sage 100 data.

Check Levels: Sage 100 module levels must match those listed above.

Run Enhancement Setup Program: Save the executable installation program (sent to you or downloaded from our website) in a convenient location on the Sage 100 server. Launch the program from Windows Explorer or by selecting Start/Run, and then browse for the file in the location you saved it. Follow on-screen instructions.

Send your Sage Serial Number to your DSD Representative: Send your Sage Serial Number to your DSD representative in order for us to send you back the encrypted keys to unlock your system. This serial number can be found in Library Master\Setup\System Configuration, Tab 3. Registration as Serial Number.

Re-Start Sage 100: Sage 100 will be updated.

Update Security: After installation, you may not see the modules you installed on the Launcher menu. You will need to update all your security Roles to include access to the newly installed modules. Make sure your user has sufficient rights to modify Role Maintenance and add access to the new DSD enhancements to the appropriate Roles.



If this is your first DSD enhancement, make sure to add the DSD Enhancement Control Panel in the Library Master module to an appropriate Role.

Run the DSD Enhancement Control Panel: Run the DSD Enhancement Control Panel from the Library Master module under the Utilities menu.

DSD Enhancement Control Panel

Starting with version 3.61, all DSD Enhancement products include DSD's Enhancement Control Panel. The DSD Enhancement Control Panel is accessed from the Library Master Utilities menu.

The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a Sage 100 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired task.



View Manual: This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web access, the correct PDF file will be automatically downloaded from the DSD website, put into the "MAS90/PDF" folder and then displayed.

Check the Web for Updates: This button will check the DSD website to see what the current build is the selected Enhancement and

alert the user if a later version is available. This requires an internet connection on the Sage 100 system.

DSD Enhancement Control Panel

Unlock Product: This will cause the DSD Enhancement License Agreement and Activation window to appear. DSD Enhancements must be unlocked to run. When any part of the Enhancement is run for the first time, the DSD Enhancement License Agreement and Activation window will appear. Follow the steps shown on that window. You can click the Help button for more detailed instructions. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*

Agree to the License Agreement: On the DSD

Enhancement Product	Ver	Code	2.81	Status		174.8	D CLARKE	MP Exp	LA POILS
APNC A/P Multi-Corrency	7,1093	3,7100	153.7	Wateng T	Tereion.	01/3	0/2023		
AvaTan Connect 7.1.0.0	7.10	LIGAT	AVA.	No unle	rebing p	eg 11/1	\$/2022		
ARME A/S Multi-Currency	7,1093	ARMO	HAR	Writing 1	Section.	08/3	\$/2022		
CONC C/X Hulti-Currency	7,10			Not Unl			8/2022		
GLMC G/L Hulti-Currency	7,1095	GIRC	3852	Naung V	Tereion	01/1	0/2023		
Seecled This Exhausternet Select	3ed.				54	ge Serial	Number	1522017	
Seecled Till Enhancement Select	3etf				50	ge Serial	Number	1542011	Ŋ
Selected To Diversement Select	3et		Ce	ent Data			lumber dec.com	1502011	1
Ver Ognat	terf			eff Data		www.th		1502011	Ŋ
yver Ormat Deck Trist Schulerer, Deck						www.th	dec.com	7602011	
view Operant Contraction						www.th	dec.com	7502017	14
Ven Omia Net This St Labora Deopt						www.th	dec.com	1502011	

Jonnak Agreenent					
YOU MUST READ THIS AGREEMENT AGREEMENT VIEWS THE SLIDER CO		THEY BEFORE PRO	CEEDING SCROLL THROU	Gin THES	
иновтанит: тне волгуунце ец насовераниее или тне телид насовераниее или тне телид насовераниее или телитев настря не сърядение или телитев на обращание на советства и полности и полности Адгее to License Agreement	SET FORTH S THE CE NET OF THESE TETHES L. REFUND OF ANY W TO THE DEALER FROM	STOLER LOEKS IF THE TERIES O WE'N IND IF THE WHICH IT WAS A	ADREESENT OPENING OR THIS LODGE ARE NOT AD DWACED, UNDERED PACK COURED	USING THE ICEPSANUE AGE IS	
O Agree O Disagree	End Over Name	OSD Business 5	Lysiene.		_
Select Unlocking Type	Serial Number	1802011	DSD Product Code	CARC	_
O Web O File O Demo O Manual Entry	* Enter the fol Activation Key	lowing from DSD	,		
1997 1996 1997 1997 1997 1997 1997 1997		-			

Enhancement License Agreement and Activation window, click on the Agree button to accept the DSD License Agreement. After accepting the License Agreement, you can then select the type of unlocking that you'd prefer. The choices are File, Web, Demo and Manual Entry.

File Unlock: After receiving your encrypted serial number key file from DSD, and placing that file in the MAS90/SOA directory, selecting this option will unlock all products keys contained in the file. This means you can unlock all enhancements at once using this option.

Web Unlock: If the system that is running the DSD Enhancement has web access and you have sent DSD your Sage Serial number, you can unlock the Enhancement without assistance using



Web Unlock. When this option is selected, the licensing program will attempt to download encrypted serial number key file from DSD and then proceed to unlock all enhancements contained in the file.

Demo Unlock: If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web or email access. Later, you can unlock the product fully, during business hours.

Manual Entry Unlock: If you want to unlock a single enhancement using a single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

Unlock All Products: This will cause the DSD Enhancement All License Agreement and Activation window to appear. This window is similar to the one described on the previous page but has only web and file as options to unlock. *This button is never disabled.*

Convert Data: After verification, the selected Enhancement's data conversion program will run. Data conversion is non-destructive and may be triggered any number of times. Sometimes this is required to fix data records imported or updated from a non-enhancement installation.

2)	Selected Enhancement: AvaTax Connect 7.1.0.0 (
4	Current Company: ABC						
	Run the Enhancement conversion for the current company data for the selected enhancement?						
	MPORTANT Make sure everyone is out of MAS 90 before proceeding.						

Multi-Convert Data: Multiple Companies can be converted at the same time for a given Enhancement. (*If you have a large number of Companies to convert, please do in batches of 20 or fewer due to memory limitations.*)

	Company	Company Name	Activated	Converted	Convert		
1	ABC	ABC Distribution and Service Corp.	V				
2	ABX	American Business Expressions	N				
3	EEC	Edwardson Electric Company					
4	MFG	MFG Computer Systems, Inc					



Help: The Help button, located at the bottom right of the window, opens an HTML help file.

Get Adobe Acrobat: Opens the Adobe Acrobat website to the page where Acrobat can be downloaded and installed.

Uninstall Enhancement: If this option is available, then selecting this button will start the un-install process, removing the enhancement from the system. For more information see <u>Uninstall DSD</u> <u>Enhancements</u>.



Section C: System Operations

This enhancement will modify the following modules to change the Lot / Serial Number field to be 60 characters instead of 15 characters:

- Accounts Receivable
- Inventory Management
- Sales Order Processing
- Purchase Order Processing
- RMA
- Bill of Materials
- Production Management

Note: Select Item Maintenance to trigger the DSD Conversion program.

Note: Some display columns may need to be manually expanded to visually accommodate expanded lot numbers.

This product may NOT be installed if the Work Order module is integrated.

Item Maintenance

Cost Detail Tab

Below is an example of the Lot Number as it will appear on the 7. Cost Detail tab, in I/M Item Maintenance.

1		12271722	101101010	Contraction of the	194000		1926	Z. Coul Detail		
1. Mai	1 2.A	ditional	3. Quantity	# History	§. Transa	choris §	Orders	T. Contraedi	1	_
Varehou	P 000 14	At c	ENTRAL WARE	OUSE				Valuation	Seriai	
Whee	Description	Serial No.			Expra.	Receipt Date	Receipt No.	Guente	h.	36
000	CENTRAL WA		*****	************		7/11/2023	00000010	1.0	0	83
000	CENTRAL WA					3/25/2025	RC-0225	.9	0	12
000	CENTRAL WA	315-1506	6			3/25/2425	RC-0225	.0	0	121
000	CENTRAL WA	315-4011				3/25/2025	RC-0225	1.0	0	
000	CENTRAL WA	315-4411				3/25/2025	RC-0225	1.0	0	
800	CENTRAL WA	315-7888	6			3/25/2025	RC-0225	0	0	
000	CENTRAL WA	315-9877	N.			3/25/2025	RC-0225	.0	0	
000	CENTRAL WA	125-9086	6			3/25/2025	RC-0225	.0	0	
¢.										



Lot/Serial Transaction Inquiry

Below is an example of the Lot Number as it will appear on the Lot/Serial Transaction Inquiry screen in I/M Item Maintenance.

em Code	GB-MD789			MODEM	300				
Serial No.	<u>^</u>	Trans Date	Туре	Ref No.	Cust/Vendor	Whee	Quantity	Unit Cost	10
111111111		5/5/2025	IA-	00000010	6	000	1.00	39.540	00 000 00
									1
									1
c									3

Lot / Serial Inquiry

Below is an example of the Lot Number as it will appear when entered on the Lot/Serial Inquiry screen.

em Code	 8-40789			NO MO	DEM 300			
Trans Date 5/5/2025	Ref No. 00000010	Cust/Vendor	Whee 000	Quantity 1,00	Unit Coat 39:540	Extension 39.54		



Receipt Lot/Serial Number Distribution

Below is an example of Lot Number entry for P/O Receipts, S/O Invoice & B/M Production.

n Code t of Measure	G8-MD789 EACH		MODEM 300	
	Serial Number	Available	Distribute	
1.	(.0	0	1
				8
				17100
				lik!
				1
				30 De

Receipt of Goods Register

Below is an example of the Lot Number as it will appear on the Receipt of Goods Register.

Receipt Of Goods Register Journal Posting Date: 6/1/2012 Register Number: PO-000002				
			AB C Distribut	ion and Service
Receipt Number Date Item Code/Description		Use Tax Unit of Tax ClassMeasure Whse Ordered	Quantity Received Backord	fered Unit Cost
001009 6/1/2012 PO: 0010018	Vendor: 01-AIRWAY Airway Property	Schedule: NONTAX Invoice	e 12313 Dat	e: 6/1/2012 COD



S/O Invoice Printing

Below is an example of the Lot Number as it will appear on the S/O Invoice.

ABC Distribution	n and Service Corp.				0100056-IN 6/1 <i>1</i> 2012	
					0100 01-ABF	
American Busin 2131 N. 14th St Suite 100 Accounting Dep Milwaukee, WI	reet artment		Racine Y 5411 Kei	Business Futures /arehouse Idrick Place YI 53120		
John Quinn						
	UPS BLUE			Net 30 Days		
LOT1 Lot 1 Lot Number:	EACH 123456789012345678901234567	1.00 ₩hse: 000 9901234567890	1.00	0.00	2.000	2.00



Section D: Uninstall DSD Enhancements

A DSD Enhancements Uninstall Utility has been provided for the purposes of removing DSD Enhancements from your Sage 100 System. This utility may be accessed from the **DSD Enhancement Control Panel** menu option on the **Library Master / Utilities** menu.

Enhancement Product	Ver	Code E	od Status		Build Date	MP Expire Di	also.
AvaTax Connect 7.1.0.0 11	7.10		WA No unlockin	a	and the second se		ate
11291 - InstaDors	7.10		ICH Wrong Verst				
Salarfat (2.12) astallars				Same	Carlal Monther	\$5,77,6+9	
Selected GLDM - InstaDocs				Sage :	Serial Number	1502011	
	ARTIC		Convert.Dam		Serial Number		
View Manual	A Projects		Cartvett Data				

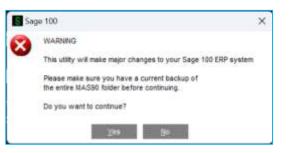
When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:

- Select No to exit the Uninstall Process.
- Select **Yes** to continue with the Uninstall Process.

The following message box will appear, to remind you that a complete backup of your entire Sage 100 system should be completed prior to uninstalling a DSD product.

- Select No to exit the Uninstall Process.
- Select **Yes** to continue with the Uninstall Process.







CD restalated CAN were more by

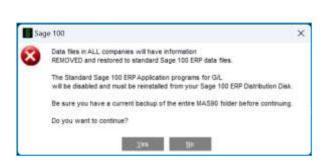
After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.

A message box will appear, and will display which of those specific Sage 100 modules you must reinstall afterwards.

- Select No to exit the Uninstall Process.
- Select **Yes** to continue with the Uninstall Process.

The following message box will appear, displaying the final warning message.

- Select No to exit the Uninstall Process.
- Select Yes to continue with the Uninstall Process. At this point, the DSD Enhancement will be removed from the Sage 100 system.



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After completion of the Uninstall, the following message box will appear. Select OK to continue.



Now that the Uninstall process is completed, you must:

- Reinstall the applicable standard Sage 100 modules
- Reinstall the latest Sage 100 Service Pack/Updates, if applicable.
- Reinstall any other DSD Enhancements or Developer products that are affected from the reinstallation of the standard Sage 100 module(s).



Section E: Resources and Support

Web Resources

DSD web site: http://www.dsdinc.com

The Enhancement page contains:

- Current Release Schedule
- Purchasing Information
- Installation Instructions
- Product Support
- Enhancement Links

Extended Lot/Serial Numbers:

https://www.dsdinc.com/enhancements/marketplace/products/ciel-extended-lot-serial-numbers

The product web page contains:

- Product Description
- Web Links
- Current Product Version Table
- Product Installation File Download
- Product Manual in .pdf Format

Support

DSD provides product support through Sage 100 resellers. Support is provided for the current version. Older versions are supported at an hourly rate.

- Telephone: 858-550-5900
- Fax: 858-550-4900
- Email: enhancements@dsdinc.com

For a hard error, where the program displays an error dialog, report:

- Enhancement Name
- Error number
- Program name
- Line number



- Program version
- Exact sequence that caused the error, including menus and menu selections
- Other pertinent information

If leaving a message, faxing or email, please include:

- Your name and company
- Your phone number (and fax if applicable) and extension.

It is possible to be unable to duplicate a problem, because of data corruption or because we have not exactly duplicated a particular operating environment. In such circumstances, we can only continue to try to fix the problem if we can either access the system remotely or by some other to duplicate the system.





Since 1984, DSD Business Systems has been providing clients with professional business consulting services and business software solutions across the globe. Specialties include Sage Intacct, Acumatica Cloud ERP, Sage 100, Sage 300, Sage 500, Sage CRM, Sage HRMS and more.

DSD Business Systems has been a Sage Tech Partner, commonly referred to as a "Master Developer", for over 30 years. DSD currently has over 500 Enhancements to Sage 100 and has created thousands of custom solutions for end-users around the world. We have had the privilege of working with hundreds of Sage consultants, resellers, and endusers to produce powerful custom solutions that enhance the functionality of Sage 100.

Contact DSD Enhancements



enhancements@dsdinc.com



Enhancements Marketplace



800-627-9032