

Modification - 2018





# **Modification Description**

- CGC is pleased to offer another third-party interface to the eCMS database. This modification allows our customers to use the convenience of Comdata's payment processor and cards integrated seamlessly with eCMS.
- This document shows how to implement the new eCMS-Comdata interface as an additional Accounts Payable EFT choice.





# Modification Licensing Requirements

- The customer must enter into an agreement with both CGC and Comdata to use this interface.
  - To make the CGC agreement: Contact your Account Manager. When complete, CGC will activate the eCMS Comdata license on your system.
  - To make the Comdata agreement: Contact Comdata. When complete, Comdata will provide a user ID and password and their services.

Matt Butler | VP – Construction Comdata, Inc. | 5301 Maryland Way | Brentwood, TN P 615.376.8704 | M 615.512.2453 | mbutler@comdata.com





# Modification System Requirement

- Requires eCMS v.4.1
- All Service Pack and Fix Pack release levels include this modification.





### Set up the eCMS Connect Interface Connection to Comdata

#### eCMS Menu Path: Admin > Application Installation > eCMS Connect Setup

The eCMS Connect Interface for Comdata requires entries for Instance, Notification, a Portfolio Map, a Group, and a Scheduler. This is accomplished using the various tabs of eCMS Connect.

													-
Application	nstallation					Log	gs					webserviceld	ogs
Setup Instar	ce Field Mapping	Setup Notification	Portfolio Maps	Setup Groups	Scheduler	Logs	Manage Scheduler	Viewpoint Setup				Initial Load	
	Group Name \$	S	ervice Name ¢	_							<b>_</b> .		7
Action				Execut	tion Time 🔻	Execution Type	e ¢ Status ¢	Total Count 4	Success Count ¢	Error Count ¢	Error Log ¢	Error Report ¢	





#### Select the Setup Instance tab.

• To create a new Instance click the **Add** button (lower right). To edit or delete, click the **Action** button.

Application In	stallation							Setup Ir	nstance			webserviceinstances
Setup Instance	Field Mapping	Setup Notific	cation	Portfolio Maps	Setup G	Broups	Scheduler	Logs	Manage Scheduler	Viewpoint Setup		Initial Load
Action	Instance Nar	ne 🔺		Application Name	• •			URL ¢		User Id ¢	Email Sender ¢	Notification +
	Comdata		Comd	ata		https://v	/8cert.iconnectdata.c	com/VCWS		VCWSCGC		N
	PMWeb		eCMS	\$		h					rbrown@computerguidance.com	Y
	Prolog		Prolog	J		http://pr	ologsvr			admin	qa400-prolog@computerguidance.com	Y
	Trimble		Vision	Link		https://w	ww.myvisionlink.com	n		api_8136	dlorzel@computerguidance.com	Y
	Web2 Contact Sync		eCMS	\$							rbrown@computerguidance.com	Y

Add

Exit





Define the Comdata instance.

• On add, enter a descriptive Instance Name and select *Comdata* from the Application Name dropdown.

	Setup Instance
Instance Name	Comdata
Application Name	Comdata 🔽
URL	https://w8cert.iconnectdata.com/VCWS
User Id	vcwscgc ×
Password	
Email Sender	
Enable Notification	
	Cancel Save
L	

**URL:** There are two URLs available to use. For your testing phase, use the Test URL. Once the configuration setup is confirmed and you are ready to produce live transactions, change this value to the Production URL.

- Test: <u>https://w8cert.iconnectdata.com/VCWS</u>
- Production: <u>https://w6.iconnectdata.com/VCWS</u>

User Id and Password: Supplied by Comdata.

**Email Sender**: This address will be used as the "From" when notification emails are sent.

**Enable Notification**: If you want to enable email notifications, check this box.

Click the **Save** button to add/keep changes; **Cancel** to ignore.



### Select the Setup Notification tab.

This setup is used by all eCMS Connect processes. Change only if necessary or not yet set up.

Application Instal	llation					Setup No	otification			webservicenotifications
Setup Instance	Field Mapping	Setup Notification	Portfolio Maps	Setup Groups	Scheduler	Logs	Manage Scheduler	Viewpoint Setup		Initial Load
			Email S Email F Author Domain Passw TTLS F	Server Port Number ization Required n\\User Id ord Required	10.1.1. 25 @@b.ci	3 om password is you	ur email password	x		

**Email Server** and **Email Port Number**: Enter the IP address or DNS name of your network email server and the port it uses. **Authorization Required**: Check this box if your email system requires authorization. **Domain\User Id** and **Password**: When authorization is required, enter the authorized domain IP address or DNS name and the user id to use. Also provide the password for the user.

**TTLS Required**: If your email system is using Transport Layer Security for the authentication protocol, check this box.

Click the **Save** button to keep changes; **Exit** to ignore.





### Select the **Portfolio Map** tab.

• To create a new Portfolio Map click the **Add** button (lower right). To edit or delete, click the **Action** button.

Application Install	ation					Setup Port	folio Maps			webserviceportfolios
Setup Instance	Field Mapping	Setup Notification	Portfolio Maps	Setup Groups	Scheduler	Logs	Manage Scheduler	Viewpoint Setup		Initial Load
Action		Application Name 🔺		Instance N	lame 🔺	Port	tfolio Name 🔺		Companies	
<b>X</b>	Comdata			Comdata		Comdata		<ul> <li>03/023</li> <li>03/000</li> <li>12/000</li> <li>12/006</li> <li>12/008</li> <li>12/012</li> </ul>	QA 4.1     Computer Guidance Support     Mini & Construction 4.1     Co Company Division6     Mini Company     Mini Construction	
	eCMS			PMWeb		eCMS		<ul><li>37/000</li><li>01/000</li></ul>	4.1 Quick Quality Builders     CGC Construction Corp	
2 🗙	Prolog			Prolog		QA_400		• 17/000	Prolog Company DoNotUse	

Add

Exit





- On add, select the Comdata **Application Instance Name** and the Comdata **Portfolio Name** from the dropdowns.
- On edit, there is no action required.

	Setup Portfolio	o Maps	
Application - Instance Name Portfolio Name	Comdata - Comdata		
Company	Available Companies	Systevel Save	

The **Company** section is not used for Comdata. All companies are able to use the Comdata interface whether selected here or not. Any company entries made here will be ignored.





### Select the Setup Group tab.

- To create a new group click the **Add** button (lower right). To edit or delete, click the **Action** button.
- Edit can also be done using the Add button *Setup Group* popup window by selecting an existing group.
- Delete can also be done using the **Delete Group** button (lower right) by selecting the group to delete from the list displayed and confirming the deletion request.

allation							Setup Group				webservicegroups				
Field Mapping	Setup Noti	ification Portfolio Map	s Set	tup Groups	Scheduler	Logs	Manage Scheduler	Viewpoint Setup			Initial Load				
Group Name	•	Portfolio Name +		Webs	ervice Name +		Email Recipie	ent(s) ¢		Webservice URL +	Send Test Mail				
JC BKN	e	CMS		Job Cost Dictio	narv	hnoe@cor	nputerquidance.com		132						
		CMB		Job Cost Distin	non/	briot Good	nputorguidanco.com		141		_0				
JC DIGI IDI	e	CIVID	J	JOD COST DICIIO	nary	bilde@col	nputerguidance.com		141						
Job Dictionary	e	CMS	J	Job Cost Dictio	nary	rbrown@c	omputerguidance.com		132		<b>1</b>				
PC2 Import	e	CMS	v	Web2 Org Impo	ort	sashek@c	omputerguidance.com		/tools/import/org	gcontact.aspx?b=ecms	්				
	Allation Field Mapping Group Name JC BKN JC Dict IDI Job Dictionary PC2 Import	Allation Field Mapping Setup Nor Group Name → JC BKN ← JC Dict IDI ← PC2 Import ← Setup Nor Setup	Allation Field Mapping Setup Notification Portfolio Maps Group Name ► 20CT Folio Name ● JC BKN - 20CT Folio Name ● GCMS - 20CT Folio Name ● GC	Allation Field Mapping Setup Varification Portfolio Maps Setup Group Name ▲ Portfolio Name ↓ Setup JC BKN 6CMS CONSTRUCTION JC Dict IDI 6CMS CONSTRUCTION JOb Dictionary 6CMS CONSTRUCTION PC2 Import 6CMS CONSTRUCTION	Allation           Field Mapping         Setup Scalp         Portfolio Maps         Setup Groups           Group Name ►         Portfolio Name €         Webs           JC BKN         eCMS         Job Cost Diction           JC Dict IDI         eCMS         Job Cost Diction           Job Dictionary         eCMS         Job Cost Diction           PC2 Import         eCMS         Web2 Org Import	All vicion         Portfolio Maps         Scheduler           Field Mapping         Setup Vicion         Portfolio Maps         Setup Groups         Scheduler           Group Name -         Portfolio Name +         Webervice Name +           JC BKN         eCMS         Job Cost Dictionary           JC Dict IDI         eCMS         Job Cost Dictionary           JC Inport         eCMS         Job Cost Dictionary	All seture setu	Setup Setu	Setu→Setu Setu Setu Setu Setu Setu Setu Setu	Setu-U       SetU       SetU       SetU       SetU       SetU <th colspan="4" setu<="" t<="" td=""><td>Set with the set of th</td></th>	<td>Set with the set of th</td>				Set with the set of th

An option is available to test the email notification distribution. Click the **Send Test Mail** button for the group then check with all the people set up as notification email recipients on the group to verify they received the test email.





Enter the Group definition on Add or Edit.

CONTRACT OF ALL MAS TO	Setup Group
Group Name	Comdata ×
Portfolio Name	Comdata 🗸
Available Services	COMDATA - Virtual Card
URL/Path	For Trimble - /APIService/CATDataTopics/{feed_no}/{queue_name}/{type}/{record_no} For PMWeb - \cms\ap\invoice.csv For Web2 - /tools/import/orgcontact.aspx?b=ecms
Email Recipient(s)	
	Cancel Save

**Group Name**: To add, select "---Create New Group----" from the dropdown then enter a descriptive name for the new group. To edit, pick a group name from the dropdown.

**Portfolio Name**: On add, select the Comdata portfolio map. **Available Services**: On add, select *COMDATA - Virtual Card*. URL/Path: Not used for Comdata.

**Email Recipient(s)**: Enter zero or more valid email address(es). If notification is enabled for the Comdata Instance, an email will be sent to the email address(es) every time the scheduler is run. If no address is entered, no email will be sent.

Click the Save button to keep changes; Cancel to ignore.



Select the **Scheduler** tab.

- To create a new schedule click the **Add** button (lower right).
- To edit or delete, click the *Edit record* or *Delete record* **Action** button.
- To run the process on demand (ad hoc), click the *Run ad hoc job* Action button.
- To view the job logs of prior runs of this process, click the *View logs* **Action** button.

Application Instal	llation							:	Setup Sched	ule								web	servio	ceschedule
Setup Instance	Field Map	ng Setup Noti	ication	Portfolio Maps	Setup Gro	oups	Scheduler	Logs	Manage S	cheduler	View	point Set	up						In	itial Load
Action		Scheduler Groun	•	Start Time (h	rs) ±	End 1	Time (hrs) ≜	Recurring	terval ≜	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Day of the Month a	Repeat Interval (mins) ≜		Active ≜
		concurrence aroup		otare rimo (n	.0, •	Liidi	1110 (110) 1	noouring i	itorrar t	mon		mou	·····		out	oun	buy of the mental t	Ropout intoi fui (iniito) f		710tire t
🕨 🙇 📝	X JC E	KN		5:00 AM		6	6:00 AM	Dai	у									1439		Y
> 🔊 🖾	X JC [	Ict IDI		5:00 AM		Ę	5:00 AM	Dai	у									1439		N
> 🔊 🗋	🗙 Job	Dictionary		5:00 AM		Ę	5:00 AM	Dai	у									1439		N
> 🔎 🖉	X PC2	Import		5:00 AM		7	7:00 AM	Dai	у									60		Ν

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Define the Comdata Schedule

- The Comdata Schedule specifies when the Comdata interface information should be uploaded and downloaded.
- When the schedule is active, the process will be run automatically.
- On add, select the *Comdata* Available Group.
- On edit, the **Available Group** name will already be shown, and not selectable.

	Setup Schedule
Available Group	Select V
Recurring Interval	Daily 🔽
Repeat Interval	Minutes (1-1439)
Start Time	5:00 am 🔽
End Time	5:00 am 🔽
Active	
(	Cancel Save





Define the Comdata Schedule (continued).

	Setup Schedule
Available Group	Comdata
Recurring Interval	Daily 🔽
Repeat Interval	30 Minutes (1-1439)
Start Time	5:00 am 🔽
End Time	5:00 am 🔽
Active	
	Cancel Save
5:00 AM	Daily

**Recurring Interval**: Select *Daily, Weekly,* or *Monthly. Daily* is for every day. *Weekly* allows selection of which day(s) of the week to run the process. *Monthly* allows selection of the day of the month to run the process.

**Repeat Interval**: If you want the process to run one time on the specified day, leave blank. Otherwise specify how many minutes to wait before the next run.

**Start Time** and **End Time**: Select the hours the scheduler is to run the job. If the *End Time* is the same as the *Start Time*, the process will repeat running as defined by the Repeat Interval for all 24 hours of the day. The example shows running the job every 30 minutes all day, every day when activated.

**Active**: To have the scheduler run automatically, check this box. Unchecked, only manual ad hoc running will be available.

Click the Save button to keep changes; Exit to ignore.



## Set up Comdata Vendor Default Values

eCMS Menu Path: A/P > Maintenance > Comdata Vendor Default Values

- Optionally set up **company level** default values to be used when maintaining Comdata vendor EFT information.
- *NOTE*: Available after eCMS v.4.1 SP2 Fix Pack 5. FP5 customers can request a manual installation of this feature.
- Select EFT Type COMDATA and click OK to maintain the values.

Accounts	<sup>3</sup> ayable	EFT File Ma	aintenance	APPCOM01	
		Com Div	3		
		EFT Type	COMDATA V		
				Exit Ok	
1					
ER	Secondar Construction Clau				
CE	smarter Construction. Clou	JU EKP.			
	L				

Define the Company Level Comdata EFT Default Values.

- The internal **EFT Type** for Comdata is "D" as displayed in the heading.
- Any values provided here will populate corresponding Comdata type EFT <u>blank</u> values during vendor maintenance.

Accounts Paya	ble	EFT File Maintenance	APPCOM02
EFT Type D			
	Account code Customer Id Code Word	VC321 8CGC8 QATEST	
	Bank ID Number Bank Account Number	122101706 < 4587545	

Account Code, Customer Id and Code Word:

- These values are issued by Comdata. Work with your Comdata representative to get these values for each of your companies.
- The values are unique per company, not per vendor.
- Values must be entered in uppercase (all caps).

**Bank ID Number**: Select the Bank ID Number from the dropdown list or type in the number.

**Bank Account Number**: Enter your bank account number that is to be used for the Comdata transit point.

Press Enter or click the **OK** button to keep changes; click **Previous** or **Exit** to ignore; click **Delete** to remove the Comdata record.





### Set up Comdata Vendors

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eCMS Menu Path: *A*/*P* > *Maintenance* > *Vendor Master* 

• Create a new vendor or update an existing vendor. Comdata is defined on the **General 2** and **Contacts** tabs.

; Accounts Payable		Vendor Ma	iintenance	XAP05204	APPM10 -	
General 36	General 2 Contacts	Name: Comdata Vendor Balances	Status: ACTIVE			
	Payables Control Account: Cash Account (A or B): Proprietor Name: State Abbreviation: State ID Number: Country Name: Currency Rate Type: Account Number:		Intercompany Vendor: Separate Checks by Invoice: Direct Sales Exceed \$5000: Second Tin Notice: Independent Contractor: Halt Code: County Code: Vendor Data Format:		V	
	Electronic Create EFT : Bank ID Number: Bank Account Number: Pre-Note: Transfer Code: Account Code: Customer ID: Code Word:	Funds Transfer COMDTA ▼ 122101706 ≤ 4587545 VC321 8CGC8 QATEST				
		Pre	vious Delete	Exit	Dk	
ER CE	Smarter Constru	ction. Cloud ERP.				[

Select the **General 2** tab.

- Set up Comdata in the Electronics Funds Transfer section of the screen.
- If the COMDTA EFT values for Bank ID Number, Bank Account Number, Account Code, Customer ID or Code Word are blank when Enter is pressed or the OK button is clicked, the values will be populated from the Comdata Vendor Default Values if it has been defined (see instructions above).

Electronic Funds Transfer								
Create EFT :	COMDTA 🗸							
Bank ID Number:	122101706 <							
Bank Account Number:	4587545							
Pre-Note:								
Transfer Code:	$\checkmark$							
Account Code:	VC321							
Customer ID:	8CGC8							
Code Word:	QATEST							

Create EFT: Select COMDTA from the dropdown.

**Bank ID Number**: Leave blank for default, select the Bank ID Number from the dropdown list or enter the number.

**Bank Account Number**: Leave blank for default or enter your bank account number that is to be used for the Comdata transit point.

Account Code, Customer Id and Code Word: Leave blank for defaults or enter the values issued by Comdata. The values must be exact in all caps and match the company/division provided by Comdata. If they are not correct, the transactions will not succeed.

Press Enter or click the **OK** button to keep changes; click **Previous** or **Exit** to ignore changes.





### Select the Contacts tab.

Create a contact for use by Comdata. You may have other contacts, as well.

Accounts Payable				Vendor Mainten	ance	XAF	05601	APPM10 - 1		
Vendor: 3610		Vendor Loc	ation: 0	Vendo	r Name: Com	idata Vendor	Statu	IS: ACTIVE		
General	General 2	Contacts	Balances							
					Phone	0 0		Distril	oution Type	
Contact:	Comdata Admin				Extension:	0		Print:	Purchasi	ing: 🗌
Title:	Comdata				Fax:	0 0		E-Mail:	Payables	s: 🗌
Salutation:					Cell:	0 0		Fax:	Subcont	ract:
E-Mail Address:	somename@som	ecompany.com			Home:	0 0			Project:	
					Other:	0 0			Delete:	

**Contact**: Enter textstring1<space>textstring2, similar to a first and last name with a single space between. The two text strings can be any value, but cannot contain a space or any special characters, just letters and numbers. The value is case insensitive.

Title: Enter "Comdata". The value is case insensitive.

**E-Mail Address**: An email address is required, but used only for informational purposes. It needs to be formatted as a valid email address, but does not have to be an existing address.

No other Contact information fields are required.

Press Enter or click the **OK** button to keep changes; click **Previous** or **Exit** to ignore changes.





## **Process Invoices for Comdata Vendor(s)**

Invoice entry and payment processing for Comdata vendors are handled like any other vendor.

#### Enter the invoices for the vendors, including Comdata vendor invoices.

#### eCMS Menu Path: A/P > Processing > Enter Invoices

- Enter invoices using the normal invoice entry methods.
- If you use A/P batch entry or other A/P invoice import processes, you can still use them as normal., including invoices for Comdata vendors.





#### Select the invoices to be paid, including Comdata vendor invoices.

eCMS Menu Path: A/P > Processing > Cash Disbursement 1 Pay Select

Review the Cash Disbursements report, as usual. Any selected Comdata vendor invoices will be on the report.

DATE 10/13/17	APP026	03 023 QA 4.1 CASH REQUIREME	NTS REPORT	TI	4E 7.33		PAGE 1					
VENDOR NO. NAME LOC	INVOICE NUMBER	G/L NUMBER	GROSS AMOUNT	DISCOUNT AMOUNT	PAID TO-DATE	WITHHOLDING AMOUNT	NET AMOUNT	Job Number	DUE DATE PAY	SEP CHK	SEL NO. 1	DO NOT
03610 Comdata Ve	10131701	0100.00000.000 0155.00000.000	8,595.14 8,595.14		.00	.00	8,595.14 8,595.14		10/13/1	7 N	6546	
	Sub Job TOTALS		8,595.14		.00		8,595.14					
	Job Number TOTALS		8,595.14		.00		8,595.14					
	VENDOR PMT		8,595.14		.00		8,595.14					





#### **Process the checks**

#### eCMS Menu Path: A/P > Processing > Cash Disbursement 2 Checks

 Since Comdata vendor disbursements use EFT, no checks are created. If desired, you can create voided "checks" by checking the box for **Print EFT Void Check** on the Check Print screen to provide a "paper trail".

Check Print	
Check Date:	09/30/2017 ×
Manual Checks thru Date:	99/99/9999
Checks by Job:	
Company Name on Check:	✓
Supplemental Check Stub:	✓
Number Of Copies Of Stub:	1
Print Sequence:	Vendor Number 🗸
Print Check Report:	✓
New Page/Vendor:	✓
Single Check Printing:	
Print EFT Void Check:	✓
Job Queue:	
Report Location:	<

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#### Post the Disbursement Transactions

eCMS Menu Path: A/P > Processing > Cash Disbursement 3 Update

- The update process produces a Comdata Register report (APP718) of any Comdata EFT transactions disbursed.
- This report can be archived if you have the Archival license.

DATE 10/13/17 APP718	COMDATA R	EGISTER JOURNAL	DATE 10/13/2017	TIME 735.08	PAGE	1
	CASH CO/D	V 03 023 QA 4.1				
	BANK G/L	0100.00000.000				
	BANK	GROSS	DISCOUNT	CHECK	CHECK	
NUMBER NAME	ACCOUNT#	AMOUNT	AMOUNT	AMOUNT	NUMBER	
BANK ID 122101706	548913					
03610 Comdata Vendor 3		8,595.14	.00	8,595.14	577444	
	VENDOR TOTAL	8,595.14	.00	8,595.14		
	BANK TOTAL	8,595.14	.00	8,595.14		
DIVISIO	N CONTROL TOTALS	8,595.14	.00	8,595.14		
COMPAN	Y CONTROL TOTALS	8,595.14	.00	8,595.14		
		End of Report				
		and of Report				
Smarter Co	nstruction. Cloud	d ERP.				

### **Transmit Comdata Transactions)**

If you have set up the eCMS Connect Comdata Scheduler to run automatically, the accumulated Comdata transactions will be transmitted to Comdata on the next automatic run.

#### Initiate Ad Hoc Transmission of Data

#### eCMS Menu Path: Admin > Application Installation > eCMS Connect Setup (Scheduler

- You can manually initiate the transmission of the accumulated data to Comdata rather than waiting for the time(s) set up in the scheduler, or if the scheduler was not set up to run automatically (as shown in the Active column).
- When ready to transmit data to Comdata, click the *Run ad hoc job* **Action** button of the Comdata Scheduler Group.

	Application Installation Setup Schedule we													ebserviceschedul												
	Setup Instance	Field Mapping	Setup Notification	Portfolio Ma	ps Setup Groups	Setup Groups         Scheduler         Logs         Manage Scheduler         Viewpoint Setup					Initial L	oad														
	Action	ction Scheduler Group 🔺			Start Time (hrs) \$	End Time (hrs) ¢	Recurring	Recurring Interval ¢		Tue W	Ved	Thu	Fri S	at S	Sun	Day of the Month \$	Repeat Interval (mins) ¢	Ac	tive ¢							
	🕨 🔎 🏹 🗡	🔊 📓 🗙 🛛 A/P Cash Disbursements Payment					Da	ily									1		Ν							
	🕨 🔎 🏹 🗡	🛛 📓 🗙 Actual Costs QA_400			5:00 AM	5:00 AM	AM Daily		Daily		Daily		Dai	Dail	Daily									120		N
	💽 🔊 📓 🗙 Budget QA_400			5:00 AM	5:00 PM	Da	ily									120		N								
~	🕨 🔎 🖉 🗡	Comdata		5:00 AM 5:00 AM		5:00 AM	Da	ily									30		Ν							





http://support.computerguidance.com/support/

http://cgcportal.computerguidance.com/

