



Infor System21 Bonded Warehousing EMCS Gateway Interface

Administration Guide

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About this guide

This guide provides guidance to users on how to exchange electronic messages with the HM Revenue & Customs EMCS system using the Infor System21 Bonded Warehousing EMCS Gateway Interface software.

Note: See the associated installation guide for further information on how to install and configure the Infor System21 Bonded Warehousing EMCS Gateway Interface application software.

Intended audience

This guide is intended for those users responsible for sending/receiving messages between Infor System21 Bonded Warehousing and the HM Revenue & Customs Excise Movement Control System (EMCS).

Related documents

You can find the documents in the product documentation section of the Infor Xtreme Support portal, as described in "Contacting Infor" on page 7.

Infor System21 Bonded Warehousing EMCS Gateway Interface Installation Guide

Contacting Infor

If you have questions about Infor products, go to the Infor Xtreme Support portal at www.infor.com/inforxtreme.

If we update this document after the product release, we will post the new version on this Web site. We recommend that you check this Web site periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Overview

When excise goods are despatched from a bonded warehouse destined for an excise warehouse in another EU member state or another excise warehouse within the United Kingdom an e-AAD document must be sent to the HM Revenue & Customs EMCS system.

The System21 Bonded Warehousing application extracts the information for such despatches to a series of database files that can subsequently be amended and used to generate the e-AAD XML document to be submitted to the HM Revenue & Customs EMCS Gateway using this software.

However, additional information must be sent on the e-AAD than that printed on the paper AAD document so the System21 Bonded Warehousing application permits the extracted despatch data to be amended in order that the required additional data can be appended to the extracted data prior to its submission to EMCS.

The EMCS Gateway validates the contents of an e-AAD document and can either:

- Reject it, sending back information to identify the reason for the error to the consignor
- Accept it, assign it a unique ARC number, inform the consignor of this unique number and forward the accepted document to the EMCS system in the destination country of the consignee in order that it can be forwarded to the consignee

Procedure

On the iSeries

- 1 The definition of the delivery type 22 (To EU Member States) must indicate that an e-AAD document should be sent for despatches to customers that have been assigned this delivery type.

In addition, the Print AAD flag on this delivery type definition should indicate that either all despatched goods or just those goods marked as in free circulation should be included on the

AAD document.

- 2 The definition of the delivery type 12 (To Other Bonds) must indicate that an e-IAD document should be sent for despatches to customers that have been assigned this delivery type.

In addition, the Print W8 flag on this delivery type definition should indicate that either all despatched goods or just those goods marked as in free circulation should be included on the W8 document.

- 3 Start the two asynchronous background tasks for the System21 Bonded Warehousing application. Namely:

- AAD Print Documentation
- Confirm Despatch Updates

- 4 Record the despatch of goods from an excise warehouse that are destined for either an excise warehouse in another EU member state or another excise warehouse within the United Kingdom.

NOTE: When recording the despatch of goods the user will be given the opportunity to associate business entities to the despatch. The details associated with these business entities can be used to populate information to be included on the e-AAD document sent to the HM Revenue & Customs EMCS system.

This should result in the extract of the despatch information to the AAD Document files (BWPD2 and BWPD3) from which the e-AAD document to be sent to the HM Revenue & Customs EMCS system will be generated.

- 5 Each document extracted as a result of a despatch should be maintained, prior to its submission to the EMCS Gateway, using the EMCS Document Maintenance task.

NOTE: The primary objective of this step in the process is to append additional information to a despatch document so that it will not be rejected by the HM Revenue & Customs EMCS Gateway upon its submission.

Typically the data appended to the document will be that which is not available within the Infor System21 Bonded Warehousing database for the despatch, for example:

- The journey time and associated unit
- The identity of the transport units
- The degrees-plato and density values of certain types of excise product (e.g. beers)

NOTE: If the document is not amended at this stage in the process then it will, in all likelihood, be rejected by the EMCS Gateway and will have to be amended and resubmitted to EMCS Gateway at a later time.

On the Windows Server

- 6 Start the EMCS Gateway Interface application.
- 7 Select the Tab:E815 “Submit draft e-AAD” and follow the instructions in the next section of this document.

Note: All documents that are ready for submission (i.e. whose status is blank) will be processed by this option. If some documents have already been submitted but failed then they will not be reprocessed by this option, until a request is made to resubmit that document on the iSeries.

Back on the iSeries

- 8 The EMCS Gateway Submission Enquiry should be used to view any messages received as a result of the submission request.

The messages received could indicate either the successful submission of the document(s) to the EMCS system or highlight any errors in the document(s) content that will need to be corrected before resubmission of those documents to the EMCS system is requested.

- 9 If the document failed EMCS Gateway validation then use EMCS Document Maintenance [12/BWM] to revise the document content, correcting any reported errors, and upon updating the document request submission of that document to the EMCS Gateway
- 10 If the document has passed EMCS validation then it should have been assigned an Administrative Reference Code (ARC), so the goods identified on that document have been authorised for despatch by HM Revenue & Customs.

A printed copy of the document, stamped with the assigned ARC, should be requested using EMCS Document Print [32/BWR]. The printed copy should accompany the goods on their journey.

Note: The goods should not be physically despatched until authorisation has been received for the shipment from HM Revenue & Customs.

EMCS Interface

- 1 Start the EMCS Gateway Interface application for the appropriate Infor System21 environment code.
- 2 Select the **E815** tab. The following should be displayed:

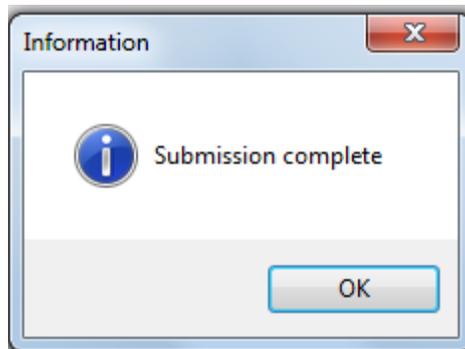
The screenshot shows a web application window titled "EMCS Submission". It has a menu bar with "File" and "Help". Below the menu bar are two input fields: "EMCS User Name" and "EMCS User Password". A tabbed interface is present with tabs labeled E818, E815 (selected), E837, E810, E813, PVT, GET2, and ACK1. The main content area is titled "Submit draft e-AAD" and contains two dropdown menus labeled "Company" and "Bond Number". A "Submit" button is located at the bottom right of the form. At the bottom of the window, a status bar displays "SSL Certificate Expiry Date: Fri Mar 15 23:59:59 GMT 2019".

- 3 Enter your EMCS User Name, Password and the Infor System21 Bonded Warehousing Company Code and Bond Number for which those e-AAD documents that are pending submission are to be sent the HM Revenue & Customs EMCS system.

Note: An excise office number must be associated with the entered Bond Number.

- 4 Press the Submit button to establish communication with the HM Revenue & Customs EMCS Gateway and send all those e-AAD documents that are pending submission for the entered Bond Number.

If the submitted document is accepted by the HM Revenue & Customs EMCS system then a dialog like the one shown below is displayed:



- 5 If an error dialog is displayed, refer to the "Error Recovery" chapter in this document for information regarding possible actions to be taken to resolve the encountered issue.

Overview

When excise goods are received from a bonded warehouse in another EU member state or another excise warehouse within the United Kingdom a Report of Receipt must be sent to the HM Revenue & Customs EMCS Gateway when the goods arrive to acknowledge their receipt.

The EMCS Gateway Interface software extracts the relevant information from the Infor System21 Bonded Warehousing database to generate the Report of Receipt document to be submitted to the HM Revenue & Customs EMCS Gateway.

The EMCS Gateway validates the contents of a Report of Receipt document and can either:

- Reject it, sending back information to identify the reason for the error to the consignor
- Accept it

Procedure

On the iSeries

- 1 When goods arrive from an excise warehouse in another EU member state and notification of that inbound shipment was previously received from the HM Revenue & Customs EMCS system, use Record Return of AAD [8/BWP] to acknowledge the receipt of the goods.

Note: *If the expected quantity of any item is not received than any discrepancies should be recorded, along with a reason for the discrepancy.*

- 2 When goods arrive from another excise warehouse within the United Kingdom and notification of that inbound shipment was previously received from the HM Revenue & Customs EMCS system, use Record Return of W8 [6/BWP] to acknowledge the receipt of the goods.

Note: *If the expected quantity of any item is not received than any discrepancies should be recorded, along with a reason for the discrepancy.*

On the Windows Server

- 3 Start the EMCS Gateway Interface application.
- 4 Select the Tab:E818 "Submit Report of Receipt" and follow the instructions in the next section of this document.

Back on the iSeries

- 5 The EMCS Gateway Submission Enquiry [4/BWE] can be used to view any messages received as a result of the submission request.

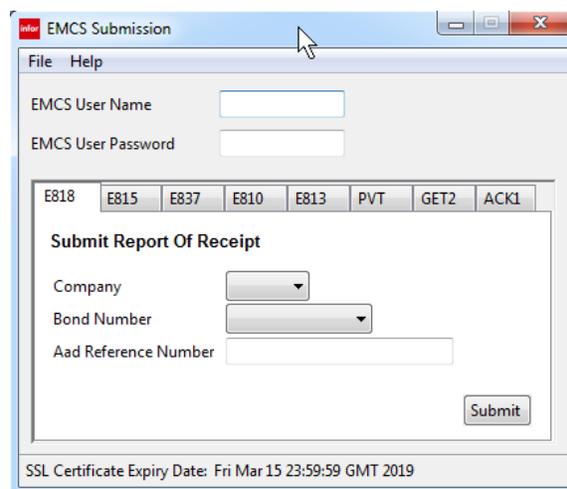
The messages received could indicate either the successful submission of the Report of Receipt to the EMCS system or highlight any errors in the documents content.

Chapter 4 Submit a Report of Receipt (Windows)

4

EMCS Interface

- 1 Start the EMCS Gateway Interface application for the appropriate Infor System21 environment code.
- 2 Select the **E818** “Submit Report of Receipt” tab. The following should be displayed



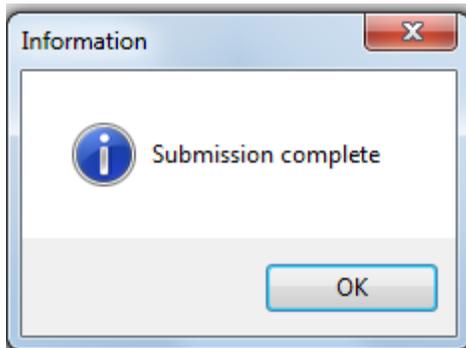
The screenshot shows a window titled "EMCS Submission" with a menu bar containing "File" and "Help". Below the menu bar are two input fields: "EMCS User Name" and "EMCS User Password". A tabbed interface is visible with several tabs: E818, E815, E837, E810, E813, PVT, GET2, and ACK1. The "E818" tab is selected and displays the "Submit Report Of Receipt" form. This form includes a "Company" dropdown menu, a "Bond Number" dropdown menu, and an "Aad Reference Number" text input field. A "Submit" button is located at the bottom right of the form. At the bottom of the window, a status bar displays "SSL Certificate Expiry Date: Fri Mar 15 23:59:59 GMT 2019".

- 3 Enter your EMCS User Name, Password and the Infor System21 Company Code, Bond Number and AAD Reference Code for the shipment for which you wish to send a Report of Receipt acknowledgement to the HM Revenue & Customs EMCS system.

Note: An excise office number must be associated with the entered Bond Number.

- 4 Press the Submit button to establish communication with the HM Revenue & Customs EMCS Gateway and send the Report of Receipt acknowledgement for the selected document.

If the submitted document is accepted by the HM Revenue & Customs EMCS system then a dialog like the one shown below is displayed:



- 5 If an error dialog is displayed, refer to the “Error Recovery” chapter in this document for information regarding possible actions to be taken to resolve the encountered issue.

Overview

If there has been a delay to the delivery of excise goods sent to a bonded warehouse in another EU member state or another excise warehouse within the United Kingdom an Explain Delay to Delivery message must be sent to the HM Revenue & Customs EMCS Gateway for the e-AAD document that covers the shipment.

The EMCS Gateway Interface software extracts the relevant information from the Infor System21 Bonded Warehousing database to generate the Explain Delay to Delivery message to be submitted to the HM Revenue & Customs EMCS system.

The EMCS system validates the contents of a Explain Delay to Delivery message and can either:

- Reject it, sending back information to identify the reason for the error to the consignor
- Accept it

Procedure

On the ISeries

- 1 When there has been a delay to the delivery of excise goods sent to a bonded warehouse in another EU member state or another excise warehouse within the United Kingdom, use the EMCS Document Maintenance task [12/BWM] in the System21 Bonded Warehousing application to explain the reason for the delay.

On the Windows Server

- 2 Start the EMCS Gateway Interface application.
- 3 Select the Tab:E837 “Submit Explain Delay to Delivery” and follow the instructions in the next section of this document.

Back on the ISeries

- 4 The EMCS Gateway Submission Enquiry [4/BWE] can be used to view any messages received as a result of the submission request.

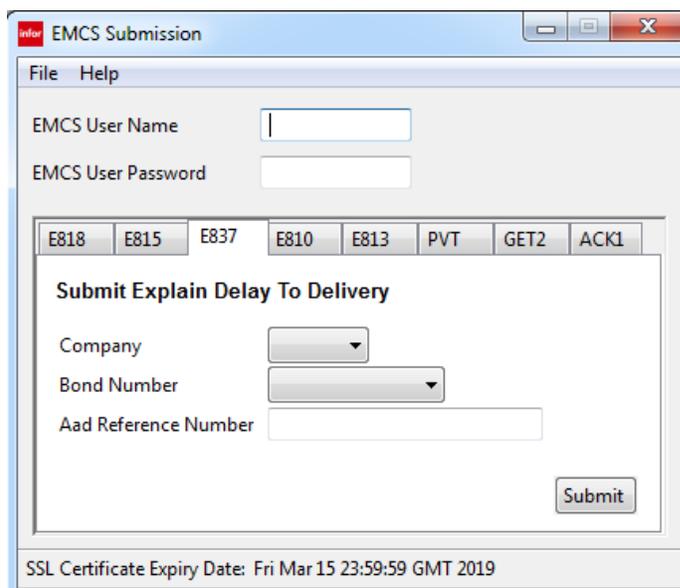
The messages received could indicate either the successful submission of the Explain Delay to Delivery to the EMCS system or highlight any errors in the documents content.

Chapter 6 Submit Explain Delay to Delivery (Windows)

6

EMCS Interface

- 1 Start the EMCS Gateway Interface application for the appropriate System21 environment code.
- 2 Select the **E837** “Submit Explain Delay to Delivery” tab. The following should be displayed:



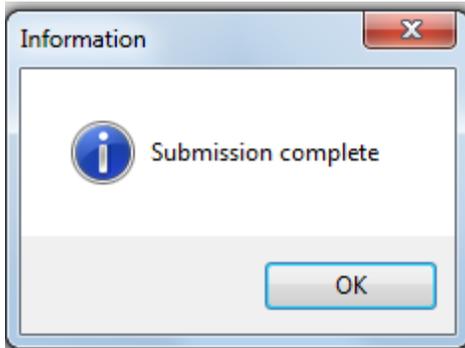
The screenshot shows a window titled "EMCS Submission" with a menu bar containing "File" and "Help". Below the menu bar are two input fields: "EMCS User Name" and "EMCS User Password". A tabbed interface is present with tabs labeled E818, E815, E837 (selected), E810, E813, PVT, GET2, and ACK1. The active tab displays the "Submit Explain Delay To Delivery" form, which includes a "Company" dropdown menu, a "Bond Number" dropdown menu, and an "Aad Reference Number" text input field. A "Submit" button is located at the bottom right of the form. At the bottom of the window, a status bar displays "SSL Certificate Expiry Date: Fri Mar 15 23:59:59 GMT 2019".

- 3 Enter your EMCS User Name, Password and the Infor System21 Company Code, Bond Number and AAD Reference Code for the shipment for which you wish to send an Explain Delay to Delivery message to the HM Revenue & Customs EMCS Gateway.

Note: An excise office number must be associated with the entered Bond Number.

- 4 Press the Submit button to establish communication with the HM Revenue & Customs EMCS Gateway and send the Explain Delay to Delivery message for the selected document.

If the submitted document is accepted by the HM Revenue & Customs EMCS system then a dialog like the one shown below is displayed:



- 5 If an error dialog is displayed, refer to the “Error Recovery” chapter in this document for information regarding possible actions to be taken to resolve the encountered issue.

Overview

If for some reason the shipment of excise goods between warehouses in EU member states is cancelled after the e-AAD document for that shipment has been sent to the HM Revenue & Customs EMCS Gateway you must send a cancellation request for the e-AAD document.

Procedure

On the ISeries

- 1 Using EMCS Document Maintenance [12/BWM], enter a cancellation request for an e-AAD document and request its submission to the HM Revenue & Customs EMCS Gateway.

On the Windows Server

- 2 Start the EMCS Gateway Interface application.
- 3 Select the Tab:E810 “Cancellation of e-AAD” and follow the instructions in the next section of this document.

Note: Cancellation requests are sent to the HM Revenue & Customs EMCS Gateway for one document at a time.

Back on the I Series

- 4 The EMCS Gateway Submission Enquiry [4/BWE] should be used to view any messages received as a result of the submission request.

The messages received could indicate either the successful submission of the cancellation request to the EMCS Gateway or highlight any errors in the request content that will need to be corrected before resubmission of that cancellation to the EMCS Gateway.

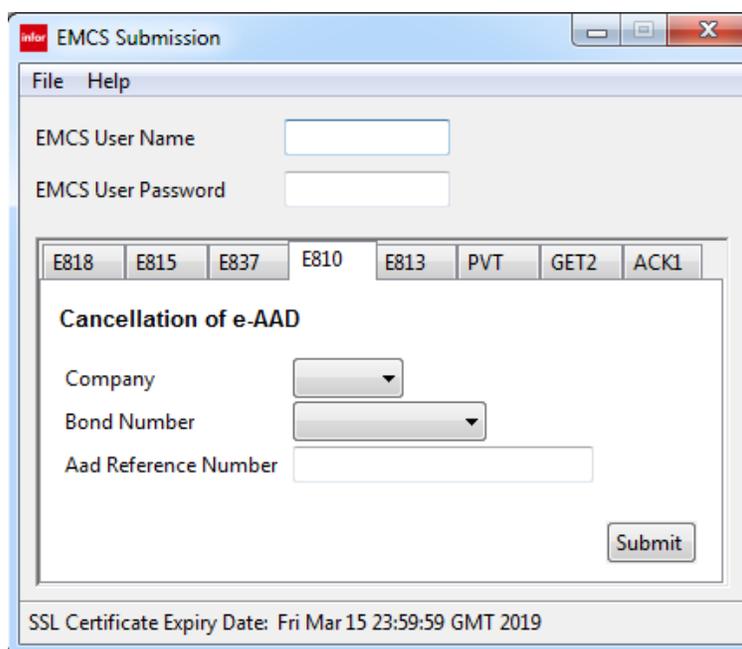
- 5 If the cancellation request fails EMCS validation then use the EMCS Document Maintenance [12/BWM] to revise the content of the request, correcting any reported errors, and then request its resubmission to the EMCS Gateway.
- 6 If the cancellation request passes EMCS validation then its status is updated accordingly.

Chapter 8 Cancellation of e-AAD (Windows)

8

EMCS Interface

- 1 Start the EMCS Gateway Interface application for the appropriate Infor System21 environment code.
- 2 Select the **E810** tab. The following should be displayed:



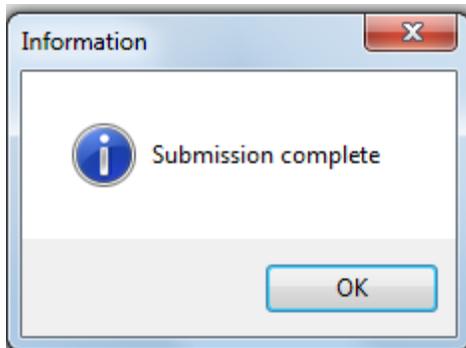
The screenshot shows a Windows application window titled "EMCS Submission". The window has a menu bar with "File" and "Help". Below the menu bar are two input fields: "EMCS User Name" and "EMCS User Password". A tabbed interface is visible with tabs for "E818", "E815", "E837", "E810", "E813", "PVT", "GET2", and "ACK1". The "E810" tab is selected, displaying a form titled "Cancellation of e-AAD". This form contains three fields: "Company" (a dropdown menu), "Bond Number" (a dropdown menu), and "Aad Reference Number" (a text input field). A "Submit" button is located at the bottom right of the form. At the bottom of the window, a status bar displays "SSL Certificate Expiry Date: Fri Mar 15 23:59:59 GMT 2019".

- 3 Enter your EMCS User Name, Password and the Infor System21 Company Code; Bond Number and AAD Reference Number that identifies the document for which a cancellation request is pending submission to the HM Revenue & Customs EMCS Gateway.

Note: An excise office number must be associated with the entered Bond Number.

- 4 Press the Submit button to establish communication with the HM Revenue & Customs EMCS Gateway and send the cancellation request for the selected e-AAD document.

If the submission is accepted by the HM Revenue & Customs EMCS system then a dialog like the one shown below is displayed:



- 5 If an error dialog is displayed, refer to the “Error Recovery” chapter in this document for information regarding possible actions to be taken to resolve the encountered issue.

Overview

If for some reason the destination of excise goods shipped between warehouses in EU member states is changed after the e-AAD document for that shipment has been sent to the HM Revenue & Customs EMCS Gateway you must send a “change of destination” request for the e-AAD document.

Procedure

On the ISeries

- 1 Using EMCS Document Maintenance [12/BWM], enter a change of destination for an e-AAD document and request its submission to the HM Revenue & Customs EMCS Gateway.

On the Windows Server

- 2 Start the EMCS Gateway Interface application.
- 3 Select the Tab:E813 “Change of Destination” and follow the instructions in the next section of this document.

Note: *Change of destination requests are sent to the HM Revenue & Customs EMCS system for a single document at a time.*

Back on the I Series

- 4 The EMCS Gateway Submission Enquiry [4/BWE] should be used to view any messages received as a result of the submission request.

The messages received could indicate either the successful submission of the “change of destination” request to the EMCS system or highlight any errors in the request content that will need to be corrected before resubmission of that request to the EMCS system.

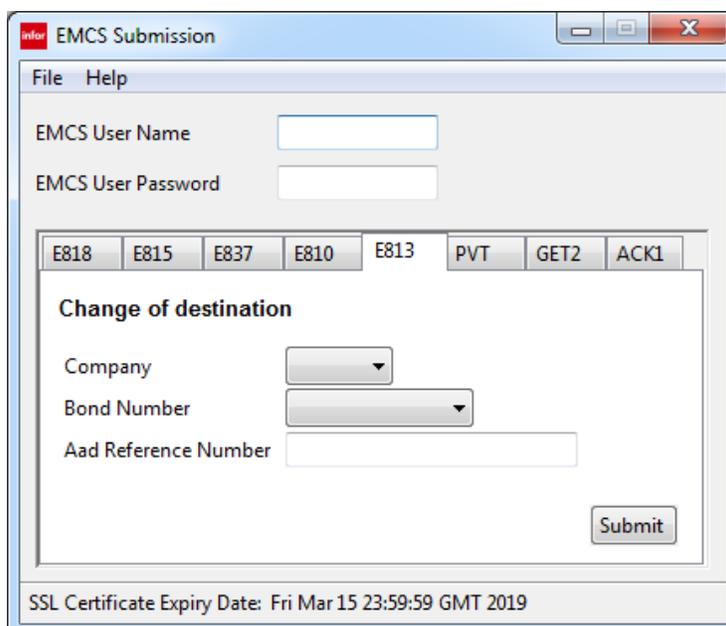
- 5 If the “change of destination” request fails EMCS validation then use the EMCS Document Maintenance [12/BWM] to revise the content of the request, correcting any reported errors, and then request its resubmission to the EMCS Gateway.
- 6 If the “change of destination” request passes EMCS validation then its status is updated accordingly.

Chapter 10 Change of Destination (Windows)

10

EMCS Interface

- 1 Start the EMCS Gateway Interface application for the appropriate Infor System21 environment code.
- 2 Select the **E813** tab. The following should be displayed:



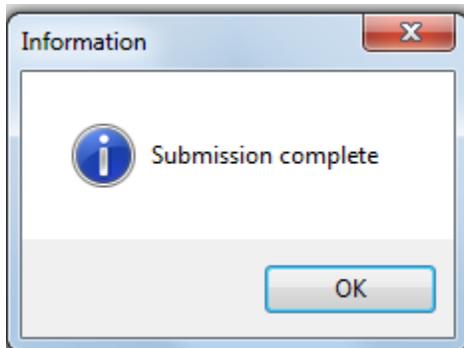
The screenshot shows a window titled "infor EMCS Submission". It has a menu bar with "File" and "Help". Below the menu bar are two input fields: "EMCS User Name" and "EMCS User Password". A tabbed interface is present with tabs for "E818", "E815", "E837", "E810", "E813", "PVT", "GET2", and "ACK1". The "E813" tab is selected. The main content area is titled "Change of destination" and contains three input fields: "Company" (a dropdown menu), "Bond Number" (a dropdown menu), and "Aad Reference Number" (a text input field). A "Submit" button is located at the bottom right of the form area. At the bottom of the window, a status bar displays "SSL Certificate Expiry Date: Fri Mar 15 23:59:59 GMT 2019".

- 3 Enter your EMCS User Name, Password and the Infor System21 Company Code; Bond Number and AAD Reference Number that identifies the document for which a “change of destination” request is pending submission to the HM Revenue & Customs EMCS Gateway.

Note: An excise office number must be associated with the entered Bond Number.

- 4 Press the Submit button to establish communication with the HM Revenue & Customs EMCS system and send the “change of destination” request for the selected e-AAD document.

If the submission is accepted by the HM Revenue & Customs EMCS system then a dialog like the one shown below is displayed:



- 5 If an error dialog is displayed, refer to the “Error Recovery” chapter in this document for information regarding possible actions to be taken to resolve the encountered issue.

Overview

Periodically a connection should be established with the HM Revenue & Customs EMCS Gateway in order to download any messages intended for your organisation.

Procedure

On the Windows Server

- 1 Start the EMCS Gateway Interface application.
- 2 Follow the instructions in the next section of this document.

On the ISeries

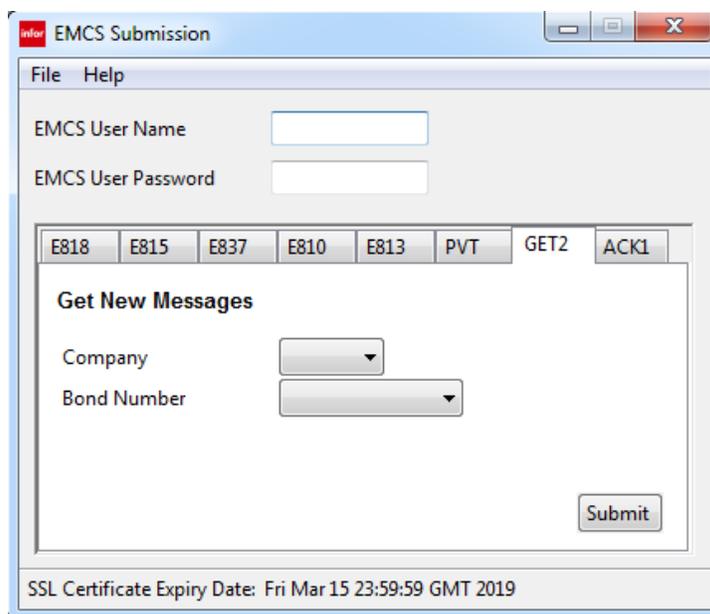
The EMCS Gateway Submission Enquiry [4/BWE] can be used to view any messages received when a connection is made to the HM Revenue & Customs EMCS system.

Chapter 12 Receiving Messages from the EMCS Gateway (Windows)

12

EMCS Interface

- 1 Start the EMCS Gateway Interface application for the appropriate Infor 10 ERP (System21) environment code.
- 2 Select the **GET2** “Get New Messages” tab. The following should be displayed:



- 3 Enter your EMCS User Name, Password and the Infor System21 Company Code and Bond Number for which you wish to download messages from the HM Revenue & Customs EMCS Gateway.

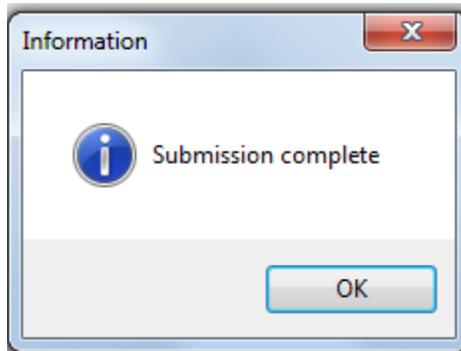
Note: An excise office number must be associated with the entered Bond Number.

- 4 Press the Submit button to establish communication with the HM Revenue & Customs EMCS Gateway and download up to 11 messages intended for your organisation.

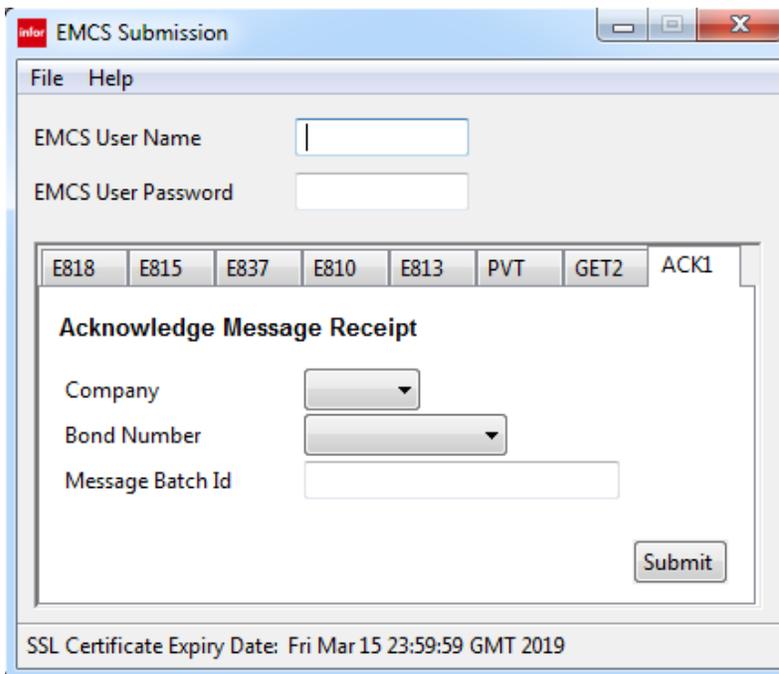
Note: Messages intended for your organisation will be downloaded in batches of eleven. Once

downloaded you should perform the following steps, otherwise your next attempt to download messages from the HM Revenue & Customs EMCS Gateway will result in the download of the same batch of messages.

If the connection to the EMCS Gateway was successful then a dialog like the one shown below is displayed:



- 5 Select the **ACK1** "Acknowledge Message Receipt" tab. The following should be displayed:

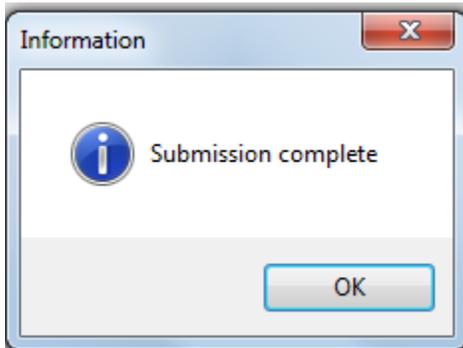


- 6 Enter your EMCS User Name, Password and the Infor System21 Company Code, Bond Number and Message Batch ID of the batch of messages for which you want to acknowledge receipt from the HM Revenue & Customs EMCS Gateway.

Note: *An excise office number must be associated with the entered Bond Number.*

- 7 Press the Submit button to establish communication with the HM Revenue & Customs EMCS Gateway acknowledge the receipt of the specified batch of messages.

If the connection to the EMCS system was successful then a dialog like the one shown below is displayed:



- 8 If an error dialog is displayed, refer to the "Error Recovery" chapter in this document for information regarding possible actions to be taken to resolve the encountered issue.

Submission status

Information about the success or otherwise of a submission request can be found by accessing the View XML Logs option from the File menu of the Gateway Interface.

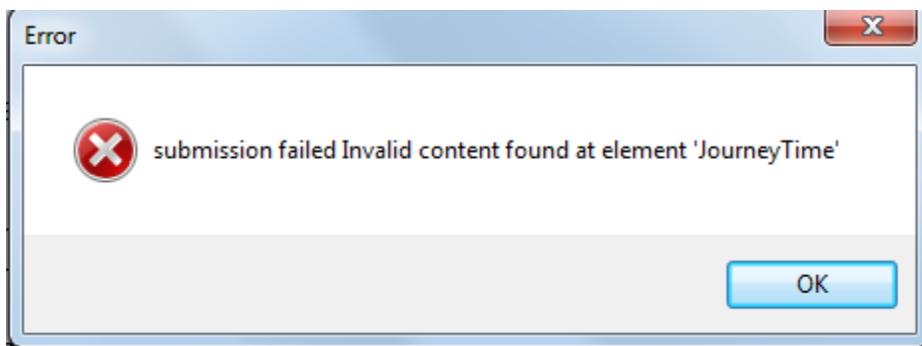
There is more technical information available in the application log available from the File menu of the Gateway Interface.

The EMCS Gateway Submission Enquiry option [4/BWE] within the Infor 10 ERP (System21) Bonded Warehousing application allows messages to be viewed directly from the iSeries.

Submission failure

Errors

If there are errors in a submitted documents' content then an error dialog like the one shown below is displayed:



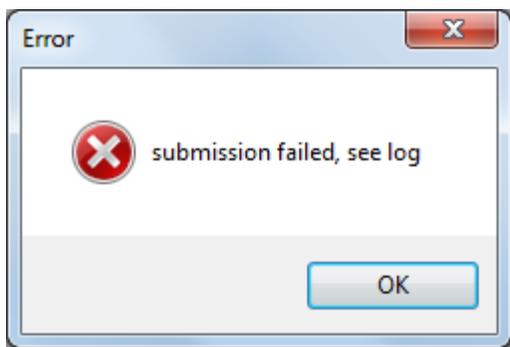
Note: The actual message displayed in the above dialog is dependent upon the type of document submitted and which of that document attributes is found to be in error.

All of the possible document content errors are logged within the Infor System21 Bonded Warehousing database.

You can use the EMCS Gateway Submission Enquiry [4/BWE] to interrogate the various errors logged against a particular submission request.

Severe interface failure

If, for some reason, the submission fails an error dialog like the one shown below is displayed:



The content of the various log files populated by each submission request can then be used to determine the cause of the failure.

Submission recovery

If a document fails validation the EMCS Gateway Submission Enquiry [4/BWE] should be used to determine the cause of the failure.

EMCS Document Maintenance [12/BWM] should then be used to rectify the problems found with the document and request a resubmission of that document to the HM Revenue & Customs EMCS Gateway.

Requesting a resubmission of the document will flag the document with a blank Status Code and that document will be resent the next time you connect to the HM Revenue & Customs EMCS Gateway.

Troubleshooting

This is quite a complex piece of software. Since it uses the Internet and data encryption, there are quite a few reasons why it may go wrong.

Reproducing errors and repeat submissions

Before attempting to reproduce an error and perform a second submission, you should ensure that a document has not been sent and accepted by the HM Revenue & Customs EMCS Gateway.

If a document has been accepted you should never attempt to resubmit that same document.

Contact your software provider for further information if you are unsure of the action to be taken to resolve any submission errors.

Diagnostic Tools

The error log

The application log is available from the File menu of the Gateway Interface but can also be found in the following location C:\ProgramData\Infor\EMCSGatewayxxx\data\log\EMCS.log

This is a text file that may be viewed with Notepad or many other text editors.

If you need to contact your software supplier, they will probably want a copy of this file.

Look at this log. It may be very long. Note the times and try to find the beginning of the run that caused a problem.

Alternatively, jump to the bottom and read upwards. Look for lines with the word ERROR in upper case.

The level of detail in this file is controlled by the logging level set when installing this software. If your problem is reproducible, you could try increasing the logging level to increase the information recorded in the log file during a submission request, the levels available are: error, warn, info and debug.

See below for the symptoms of some possible problems.

The XML logs

Depending on the options set, a log of the XML sent to and received from the EMCS Gateway may have been kept.

Both the request and response XML may be useful for diagnosis. The request XML will be logged if the option GatewayLogRequests is set to **main** or **all**. The response XML will be logged if the option GatewayLogResponses is set to **main** or **all**. The option **main** or **all** is recommended for both of these options.

The XML logs are normally in the directory C:\ProgramData\Infor\EMCSGatewayxxx\data\log

Note: This is not the same directory as the log described in previous section unless you modified the configuration.

The XML log files normally have names of the form: Requestyymmddhhmmss.xml for the requests and Responseyymmddhhmmss.xml for the responses.

yymmddhhmmss is the date and time. It is possible to modify these names but this should be done with care. The string must be a date format string understood by the Java class SimpleDateFormat. It is recommended that you do not change these formats.

These XML logs may be very useful to support in assisting with the resolution of any problems but it is important to remember that they may contain confidential data. You can open these files with a text editor such as Notepad. Depending on the nature of the error, you may be able to copy and paste a relevant portion without revealing confidential data, or you could replace the confidential values (e.g. excise account numbers) with fictional values.

The response files may sometimes be useful. Occasionally, they may describe an error more fully than the Infor 10 ERP (System21) Bonded Warehousing enquiry. They are less likely to contain confidential data but their content should still be checked before sending them to third parties.

Some possible symptoms on the log

Component Interface Success, Error and Exception conditions

As all interactions from this application to EMCS are synchronous using SOAP over HTTPS. SOAP faults and potentially HTTP errors may be received from EMCS. The schemas below define the XML error responses that may be returned.

Note: *HTTP protocol errors may also be returned.*

System	Schema	Location
EMCS	errorResponse-v2.0	http://www.hmrc.gov.uk/ebu/emcs-techpack/EMCS-FS1-WSDLschemas-LTS-v3.3.zip
EMCS	SOAP-v1.2.xsd	http://www.hmrc.gov.uk/ebu/emcs-techpack/EMCS-FS1-WSDLschemas-LTS-v3.3.zip
EMCS	SuccessResponse-v1-1.xsd	http://www.hmrc.gov.uk/ebu/emcs-techpack/EMCS-FS1-WSDLschemas-LTS-v3.3.zip

System21 connection errors

Another likely reason for failure is the System21 configuration.

Look for errors in the log that mention JDBC or AS/400.

Ensure that the system name, user and password are valid. Check that the library is correct and that the user has access to it. System21 applies strict authority rules when allowing access to its database files. You may need to ask the system administrator to set up a suitable user for you. The user needs to be able to read and update the Bonded Warehousing database. See the installation guide for more detail.
