

Ohio Medicaid Enterprise System (OMES), EDI

Connectivity Form

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OMES EDI Connectivity Form

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1 Connectivity Information

The following information is required to establish connectivity between OMES EDI and the Trading Partner for Secured File Transfer Protocol (SFTP), web services (HTTPS). To help facilitate connectivity, this 'Connectivity Form' contains details needed by the Trading Partner to connect to OMES EDI and will have placeholders for Trading Partners to furnish their details highlighted in red text.

1.1 What is in this form?

- URLs, folder paths, WSDLs and associated details required for Trading Partners to integrate with OMES EDI. Certificates and user credentials will be shared separately with individual Trading Partners via email.
- Contact information of OMES EDI support team

1.2 What do we need from Trading Partners?

The new OMES EDI solution offers additional layers of security for both SFTP and Webservice connection between the Trading Partner and OMES EDI. To establish this, we need the following from Trading Partners:

- IP addresses (and port numbers) of the environments that will connect to OMES EDI to exchange EDI files.
- SSH encryption key for SFTP
- CA signed Certificate for Webservices for 2-way SSL

Additionally, this form also requests contact information of individuals that will oversee day-to-day Trading Partners operations and provide technical/operational support when needed.

There are specific sections in this form (highlighted in red) where the Trading Partners need to fill in details and return the completed form to usomesedisupport@deloitte.com

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2 OMES EDI Connectivity Options

OMES EDI system offers three options to the trading partners for exchanging EDI transactions.

1. Secured File Transfer Protocol (SFTP)
2. CAQH/CORE compliant Web Services
3. HTTPS Browser (EDI Portal)

Trading Partners to provide their preferred connectivity option(s) below. Trading Partners can choose more than one option:

Connectivity Option	Opted (YES/NO)
SFTP	<input type="checkbox"/> YES <input type="checkbox"/> NO
WebServices (CAQH/CORE)	<input type="checkbox"/> YES (SOAP) <input type="checkbox"/> NO
EDI Portal (HTTPS Browser)	<input type="checkbox"/> YES <input type="checkbox"/> NO

Table 1: Trading Partner connectivity options

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3 SFTP – File Exchange Connectivity

3.1 OMES EDI Connectivity Details

Trading partners can use the below details to establish connectivity with OMES EDI. The table below lists the EDI SFTP connection details

Env	Used For	Host	IP	Port	Folders
CERT	Connectivity and End-to-End testing	mft-dev.oh.healthinteractive.net	169.61.43.199/32	22	SFTP Transfers to EDI
			169.62.186.10		SFTP Outbound from EDI
PROD	Production	mft-prod.oh.healthinteractive.net	169.48.36.122	22	SFTP Transfers to EDI
			108.168.254.79/32		
			169.48.36.40/32		
			169.48.36.158		SFTP Outbound from EDI
			169.55.62.151/32		
			169.48.36.102/32		

Table 2: OMES EDI connectivity details

3.2 OMES EDI Mailboxes (folders)

Folder locations for Trading Partners to send/receive files:

- Inbound Folders – Trading Partner will PUSH the files into Inbound folder mentioned below.
- Outbound Folders - Trading Partner will PULL the files from Outbound folder mentioned below.

Protocol	Environment	Inbound folder	Outbound folder	User Account
Network connectivity: IP Whitelisting				
SFTP	CERT	/CERT/EDI_IN/TPID#_INBOUND (*TPID)	/CERT/EDI_OUT/TPID#_OUTBO UN	To be provided separately
SFTP	PROD	/PRD/EDI_IN/TPID#_INBOUND (*TPID)	/PRD/EDI_OUT/TPID#_OUTBOU ND	To be provided separately

Table 3: SFTP Interface Protocol Connectivity Details

*Trading Partner ID will be the 7-digit ID allocated by ODM

3.3 Trading Partner SFTP Connectivity Information

To ensure a secure connection Please use the table below to provide the required details to setup connectivity with OMES EDI solution. Cells needing input are highlighted in red. Please share the IP Address with which individual request traffic will be passed to OMES EDI solution (either via an FTP client like FileZilla, WinSCP or automated scripts). These IPs will be whitelisted to control the inbound and outbound traffic from and to these IPs.

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Note: Please add a comment if corresponding environment is not available.

Env	Used For	IP	Port	Public SSH Keys
CERT	TP Connectivity – IP whitelisting	To be provided by Trading Partner	To be provided by Trading Partner	To be provided by Trading Partner
PROD	TP Connectivity – IP whitelisting	To be provided by Trading Partner	To be provided by Trading Partner	To be provided by Trading Partner

Table 4: Trading Partner Connectivity Information

3.4 Trading Partner SSH Key for SFTP

Trading Partners to provide certificates for both non-prod and prod environments.

Environment	Trading Partner SSH Key
Non- Prod (CERT)	To be Provided by Trading Partner for Non-Prod environment via email
Prod	To be Provided by Trading Partner for Prod environment via email

Table 5: Certificates for SFTP

3.5 Restricted Extensions for SFTP EDI Files

The OMES EDI gateway is setup to automatically reject files with below extensions. For connectivity testing (and beyond), please do not send files with below extensions.

Restricted Extensions
Below extensions will be rejected in the system
Ade, adp, bas, bat, chm, cmd, com, cpl, crt, dll, doc*, dot*, exe, gif, hlp, hta, inf, ins, isp, jp*g, js*, lnk, mdb, mde, mp3, mp*g, msc, msi, msp, mst, ocx, pcd, pdf, pif, png, pot, ppt, reg, scr, sct, shb, shs, sys, tif*, url, vb*, wma, ws*, xl*.

Table 6: Restricted Extensions

3.6 How to confirm SFTP connectivity

For testing connectivity, OMES EDI Solution can accept an illustrative EDI file trading partners in INBOUND folder, no additional processing will be performed on these files. The OMES EDI Non-Prod environment is hardened and secure and can accept EDI files with PII/PHI. In response, the Trading Partners will receive the same file in OUTBOUND folder to be retrieved.

Follow below steps to confirm SFTP connectivity:

1. Trading Partner to provide required details to Deloitte EDI support team
2. Deloitte EDI support team will provide confirmation to test connectivity
3. Trading Partner to confirm if they can view OMES EDI mailboxes (both CERT and PROD) using an FTP client
4. Trading Partner to send a test file to the CERT inbound folder (Do not send a file to PROD)
5. Trading Partner to confirm that they received the same file back in CERT outbound folder and can download it

If Trading Partners can confirm Step #3 and #5, connectivity testing will be considered successful

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Please reach out to Deloitte EDI support team (contact info in Section 7.2) for any issues with establishing connectivity (Inbound or Outbound)

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4 Webservices – CAQH/CORE

Please find below the network details to invoke EDI Web Services – HTTPS

Protocol	Environment	Incoming URL to EDI	Operation	Security Headers
Web Services/S OAP Interface	CERT	https://dp.cert.oh.healthinteractive.net:993/EDIGateway/v1.0	EDIRealTimeTransaction	Use SOAP Header to ingest username and Password as mentioned in Sample Request.
Web Services/S OAP Interface	PROD	https://dp.oh.healthinteractive.net:993/EDIGateway/v1.0	EDIRealTimeTransaction	Use SOAP Header to ingest username and Password as mentioned in Sample Request.

Table 7: Webservices Interface Protocol Connectivity Details

To invoke above Web Service operation, please follow below schema - WSDL to create the request with defined data types. Please find the field level details in Mapping Sheet and a Sample Request to invoke EDIRealTimeTransaction.




Protocol	Environment	WSDL	Mapping Sheet	Sample request
Web Services /SOAP	CERT	 EDI_wsdl_s_4.0.zip (EDIServices.wsdl and EDIServices.xsd)	 MappingSheet_EDIW S.xlsx	 EDIGatewayRealTime RequestSample_v4.0.1
Web Services /SOAP	PROD	Same as above	Same as above	Same as above

Table 8: EDI Web Service Schema details

4.1 OMES EDI WS Connectivity Details

Trading partners can use the below details to establish connectivity with Deloitte for EDI services. The table below lists EDI Real Time connection details for the CERT and PROD environment.

Env	Used For	Host	IP	Port	User Account
CERT	TP Connectivity-Web Service	dp.cert.oh.healthinteractive.net	67.228.212.195	993/9443	Will be provided separately over email
PROD	TP Connectivity-Web Service	dp.oh.healthinteractive.net	108.168.255.14	993/9443	Will be provided separately over email

Table 9: EDI Web Services Real Time Connectivity Details

4.2 Trading Partner WS Connectivity Information

Please use the table below to provide the required details to setup connectivity with Deloitte. Cells needing input are highlighted in red. Please share the IP Address with which individual request traffic will be passed to EDI System. These IPs will be whitelisted allowing the inbound and outbound traffic from and to these IPs.

Env	Used For	Host	IP/IP Range	Port	Description
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CERT	TP Connectivity – IP whitelisting	To be provided by Trading Partner	To be provided by Trading Partner	N/A	HTTPS Service Call to EDI
PROD	TP Connectivity – IP whitelisting	To be provided by Trading Partner	To be provided by Trading Partner	N/A	HTTPS Service Call to EDI

Table 10: Trading Partner IP Information

4.3 Certificates exchange for Web Services

Trading Partners to provide certificates for both non-prod and prod environments. EDI team will provide certificates to specific ODM approved Trading Partners upon receiving the Trading Partner’s certificate.

Environment	EDI Certificates	Trading Partner Certificates
Non- Prod (CERT)	To be Provided directly to the Trading Partners once other connectivity details are provided and confirmed	To be Provided by Trading Partner for Non-Prod environment via email
Prod	To be Provided directly to the Trading Partners once other connectivity details are provided and confirmed	To be Provided by Trading Partner for Prod environment via email

Table 11: Certificates for Web – Services

4.4 How to confirm Web Services connectivity

Response Code	Description
HTTP - 200	For connectivity purposes, EDI system will loopback the request and send the same content back to requestor with HTTP response - 200 to confirm the connectivity.

Table 12: Web Service Responses

5 HTTPS Browser – EDI Portal Access

OMES EDI allows Trading Partners to exchange EDI files via a web-based application – EDI Portal.

Details for accessing the EDI portal will be provided in a separate communication.

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6 Security Methods supported by EDI

(For reference only)

<p>SFTP: IP Whitelisting with SSH2 over SFTP and service account authentication.</p>
<p>Supported SSH Ciphers: aes256-ctr twofish256-ctr twofish256-cbc aes256-cbc</p>
<p>Supported Hash Functions: hmac-sha2-512, hmac-sha2-256</p>
<p>Supported Key-Exchange Algorithms: diffie-hellman-group-exchange-sha256</p>
<p>HTTPS: IP Whitelisting, with 2-way SSL and service account authentication</p>
<p>Supported Ciphers: ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 ECDHE_RSA_WITH_AES_256_GCM_SHA384 ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 ECDHE_RSA_WITH_AES_256_CBC_SHA384 ECDHE_ECDSA_WITH_AES_256_CBC_SHA ECDHE_RSA_WITH_AES_256_CBC_SHA DHE_DSS_WITH_AES_256_GCM_SHA384 DHE_RSA_WITH_AES_256_GCM_SHA384 DHE_RSA_WITH_AES_256_CBC_SHA256 DHE_DSS_WITH_AES_256_CBC_SHA256 DHE_RSA_WITH_AES_256_CBC_SHA DHE_DSS_WITH_AES_256_CBC_SHA RSA_WITH_AES_256_GCM_SHA384 RSA_WITH_AES_256_CBC_SHA256 RSA_WITH_AES_256_CBC_SHA</p>

Table 13: Security Method supported by EDI

7 Contact Information

7.1 Trading Partner Contact Information

Note: The Trading Partner must fill out the following information.

Item		Detail
Trading Partner Name		To be provided by Trading Partner
Trading Partner ID#		To be provided by Trading Partner
Responsible Manager	Name	To be provided by Trading Partner
	Email	To be provided by Trading Partner
	Phone	To be provided by Trading Partner
Primary Technical Contact	Name	To be provided by Trading Partner
	Email	To be provided by Trading Partner
	Phone	To be provided by Trading Partner
Secondary Technical Contact	Name	To be provided by Trading Partner
	Email	To be provided by Trading Partner
	Phone	To be provided by Trading Partner

Table 14: Trading Partner Information

7.2 Deloitte EDI Contact Information

For any questions or clarifications, Deloitte EDI Support team can be reached at usomesedisupport@deloitte.com

8 Appendix

Item	Detail
SFTP	Secured File Transfer Protocol
TPID	Trading Partner ID (7-digit ID allocated by ODM)
GUI	Graphical User Interface
OMES	Ohio Medicaid Enterprise System
EDI	Electronic Data Interchange
HTTP(s)	Hyper-Text Transfer Protocol (Secured)
IP	Internet Protocol
MIME	Multipurpose Internet Mail Exchange
N/A	Not Applicable
ODM	Ohio Medicaid Department
CERT	Trading Partner Certification Environment
PROD	Production environment
SSL	Secure Sockets Layer
SOAP	Simple Object Access Protocol (XML Protocol)
URL	Uniform Resource Locator
WSDL	Web Services Description Language (XML format for describing network services)
WS	Web Services

Table 15: Appendix