

SIERRA SYSTEM ADMINISTRATION

Encore – Configuring Your Firewall

The following is a summary of ports used by Encore. For a complete listing of ports used by other Innovative products, see the [Sierra Access through Local Firewalls](#). Ports must be open to both inbound and outbound traffic unless otherwise indicated. Required port configuration can include:

- Encore Main Ethernet Connection
- Encore Network Console
- Between Encore and Millennium Servers
- Between Encore and Sierra Application Servers
- Between Encore and Sierra Database Servers
- Encore Synergy Portfolios (30+ sources)
- Encore Main Ethernet Connection

Encore Main Ethernet Connection

Ensure that the following ports are open to the following Innovative IP addresses:

PORTS	IP ADDRESSES
22	
210 (outbound)	
1032	
52084	
58880	205.227.88.253
58980	205.227.90.15
60000 (Millennium)	8.4.224.250
60200 (Millennium)	
63000 (Sierra)	
63100 (Sierra)	

Ensure the following ports are open to the world:

PORTS
25 ¹ (outbound)
80
443
61080-61087

Note: ¹ you can use a relay server, if preferred.

Encore Network Console

Ensure the following ports are open to the Innovative IP:¹

PORTS	IP ADDRESSES
22 443	205.227.88.253

Note: ¹ Applies only to Turnkey Encore servers provided by III.

Between Encore and Sierra Application Servers

If there is a firewall between the Sierra application server and Encore, please make sure the servers can communicate on the following ports:

22	1031	52085
80	1032	54605
443	4550	60000
	4605	
	5000	

Between Encore and Sierra Database Servers

If there is a firewall between the Sierra database server and Encore, please make sure the servers can communicate on the following ports:

22	1032	62800
80		62900
443		63000
		63100

Encore Synergy Portfolios (30+ sources)

PORTS	IP ADDRESSES
54605 (Millennium or Sierra server)	Innovative IP range of 205.227.90.0 - 205.227.90.255 ¹
9797	Open to the world on Millennium/Sierra and Encore servers
8000	Open to the world
8006 ²	Outbound access

Training

¹ The library must open access to this range initially to start the implementation process; however, a specific IP address is assigned during the installation, and the library can then lock down access to allow only that IP.

² In Encore 4.2 and later releases, libraries using Encore Synergy Portfolios must allow outbound access on port 8006.

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