



NYSE

NYSE Chicago Operating in Cermak the week of 9/28/20

QUICK REFERENCE

- NYSE Chicago will operate out of the Cermak data center from 9/28/20 through 10/2/20. All other NYSE exchanges will continue to operate out of the Mahwah datacenter.
- Customers should use the same IDs for connecting to NYSE Chicago in Cermak as are used in production.
- Customers must change their systems to connect to Cermak IP Addresses. This includes all order entry and drop copy sessions, as well as any other systems connected to NYSE Chicago production environments.
- LCN connections on the refreshed platform in Mahwah can be used to connect to Cermak. LCN connections that have not yet moved to the refreshed platform cannot be used to connect to Cermak.
- LLN connections in Mahwah cannot be used to connect to NYSE Chicago in Cermak.
- Customers must accept multicast Market Data flow from NYSE Chicago Cermak source networks.

FREQUENTLY ASKED QUESTIONS

GENERAL QUESTIONS

1. **Question:** Will the NYSE offer testing in which customers can perform connectivity, order entry, drop copy and market data testing in Cermak?

Answer: Yes. The NYSE will offer Cermak test opportunities on 9/19/20 and 9/26/20, as well as a connectivity test in Mahwah on October 3, 2020.

2. **Question:** Will the NYSE allow testing during the week?

Answer: No. While Mahwah systems are up, connections to Cermak are blocked.

ORDER ENTRY / DROP COPY

3. **Question:** If I currently connect to sessions in Mahwah, will those same sessions be available in Cermak?

Answer: Yes. The session information for Cermak, including the LoginID, SenderCompID and TargetCompID, configuration of features like max order size, self-trade prevention, cancel on disconnect, port numbers, etc. will be identical to each Customers' current Mahwah sessions. However, targeted IP Addresses are different for Cermak.

4. **Question:** Who can I contact to obtain the DR information for my sessions?

Answer: The Connectivity team is available by phone or email:
 Tel: (212) 896-2830 Option 2, 1
 E-Mail: connectivity@nyse.com

5. **Question:** If I target my Mahwah production IP and the relevant NYSE platform is running out of Cermak, will my connections be redirected from the production IPs to Cermak?

Answer: No. Connections to Mahwah IPs will not be redirected to Cermak. Customers must target the Cermak IP and Port for the session(s).

6. **Question:** Can I connect to both Mahwah and Cermak at the same time?

Answer: No, only one site is available at a time. While NYSE Chicago is operating out of Cermak, Mahwah will not be available.

7. **Question:** What are the addresses that I would need to permission order flow to when NYSE Chicago is operating in Cermak?

Answer:

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Application	Type	API	IP Range	Port Range
Pillar Native Gateway	Order Entry/ Drop Copy	FIX & Binary	162.68.90.0/23 162.68.94.0/23	40000-49999

MARKET DATA

8. **Question:** For Market Data from Cermak, do I need to join new channels to receive data?

Answer: No. Customers will join the same channels as for production. However, the multicast data customers receive will be from Cermak source network instead of Mahwah.

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Feed Type	Mahwah	Cermak
Multicast A	162.69.84.0/24	162.68.84.0/24
Multicast B	162.69.86.0/24	162.68.86.0/24

9. **Question:** Can we make TCP retransmission requests to the Mahwah IPs/Ports?

Answer: No, TCP retransmission requests should be made to the Cermak IP addresses/ports for the Pillar Publisher platform.

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Application	Type	API	IP Range	Port Range
Pillar Publisher	Prop Market Data	Binary	162.68.91.250-251 162.68.95.250-251	35000-39999

10. Question: Will our current retransmission IDs work in Cermak?

Answer: Yes. Retransmission IDs are synced between Mahwah and Cermak.

11. Question: Is there a spreadsheet with all the Market Data Production and DR IP/Port/RP information?

Answer: Access the updated spreadsheet here:

www.nyse.com/publicdocs/nyse/data/IP_Addresses.xls

NETWORK CONNECTIVITY - ICE Global Network (IGN)

12. Question: Does IGN have a presence at Cermak?

Answer: Yes. Please verify with IGN (or your firm's network provider) to ensure your service is provisioned to reach Cermak.

13. Question: Can I use my Mahwah IGN HA IP to connect to the DR site?

Answer: Yes. Firms can use their Mahwah IGN HA IP port to access NYSE Chicago in Cermak.

14. Question: Can I use my Mahwah IGN LCN and LLN connections to connect to Cermak?

Answer: Firms can use IGN LCN connections on the refreshed platform to connect to NYSE Chicago in Cermak. Legacy LCN or Mahwah LLN connections CANNOT be used to connect to NYSE Chicago in Cermak.

15. Question: Does my Rendezvous Point (RP) need to change to connect to Cermak?

Answer: No change is needed to the rendezvous points to connect to NYSE Chicago in Cermak.

16. Question: How do I contact the IGN Sales, Engineering and Network operations groups?

Answer: Please contact the IGN Sales, Engineering and Network Operations groups using the information below:

Sales

Tel: US 770 661 0010, Option 3 / EU +44 207 429 4610

Email: iceglobalnetwork-info@theice.com

Customer Engineering - (Provisioning Group)

Tel: US 212.894.5488 / EU +44 (0)207.429.4530

Email: clientprovisioning@theice.com

Network Operations 24x7 - (Production Issues)

US 770 661 0010, Option 1 / EU +44 203 808 6638, Option 1

APAC +61 3 8593 5999, Option 1

Email: clientnetworks@theice.com