



Cboe Europe Ports Information API

Version 1.3

25 March 2021

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1 Introduction

1.1 Overview

The Cboe Ports Information API (Ports Info API) may be used by Participants to retrieve and monitor port connection and port attribute information.

1.2 Requirements

You must be able to use the Cboe Secure Web API. General details on how to access this are available in the Specification Document.

1.3 Access

The Ports Info API is accessed via a URL using the HTTPS protocol and is served from the `api.batstrading.co.uk` domain.

BXE

https://api.batstrading.co.uk/bxe/account/ports_info/

CXE

https://api.batstrading.co.uk/cxe/account/ports_info/

DXE

https://api.batstrading.co.uk/dxe/account/ports_info/

TRF

https://api.batstrading.co.uk/trf/account/ports_info/

CEDX

https://api.batstrading.co.uk/cedx/account/ports_info/

Access to our UAT environments is through the `api.certification.batstrading.co.uk` domain.

BXE

https://api.certification.batstrading.co.uk/bxe/account/ports_info/

CXE

https://api.certification.batstrading.co.uk/cxe/account/ports_info/

DXE

https://api.certification.batstrading.co.uk/dxe/account/ports_info/

TRF

https://api.certification.batstrading.co.uk/trf/account/ports_info/

CEDX

https://api.certification.batstrading.co.uk/cedx/account/ports_info/

2 Command Details

2.1 viewPortConnections

Use this command to retrieve CSV formatted data of your ports and their associated connection information. The data will reflect the same information presented in the View Port Connection Info available under the More Options link in the Ports Dashboard and is subject to change. Each port type will have its own header row and a blank line will be inserted between port types.

Parameter	Description
command	viewPortConnections

Example Request (GET)

```
?command=viewPortConnections
```

Example Response

```
"Type","Primary IP (SLOUGH - LD4)","Secondary IP (PARK ROYAL - LD3)","Port","Username","Session Sub Id",
"Password","Allowed Order Entry MPIDs","Allowed Trade Capture MPIDs"
"BOE","127.0.0.1","127.0.0.2","10100","BATS","0001","batstest","BATS:01","BATS:01"
"BOE","127.0.0.1","127.0.0.2","10101","BATS","0002","batstest","BATS:01","BATS:01"
"BOE","127.0.0.1","127.0.0.2","10102","BATS","0003","batstest","BATS:01","BATS:01"

"Type","Primary IP (SLOUGH - LD4)","Secondary IP (PARK ROYAL - LD3)","Port","SenderCompId",
"SenderSubId","TargetCompId","TargetSubId","Allowed Order Entry MPIDs","Allowed Trade Capture MPIDs"
"FIX","127.0.0.1","127.0.0.2","10103","BATS","0004","BATS","DEV","BATS:01","BATS:01"
"FIX","127.0.0.1","127.0.0.2","10104","BATS","0005","BATS","DEV","BATS:01","BATS:01"
"FIX","127.0.0.1","127.0.0.2","10105","BATS","0006","BATS","DEV","BATS:01","BATS:01"
"FIX","127.0.0.1","127.0.0.2","10106","BATS","0007","BATS","DEV","BATS:01","BATS:01"
"FIX","127.0.0.1","127.0.0.2","10107","BATS","0008","BATS","DEV","BATS:01","BATS:01"

"Type","Primary IP (SLOUGH - LD4)","Secondary IP (PARK ROYAL - LD3)","Port","SenderCompId",
"SenderSubId","TargetCompId","TargetSubId"
"ODrop","127.0.0.1","127.0.0.2","10200","BATS","0009","BATS","DEV"
"ODrop","127.0.0.1","127.0.0.2","10201","BATS","0010","BATS","DEV"

"Type","Primary IP (SLOUGH - LD4)","Secondary IP (PARK ROYAL - LD3)","Port","Username","Password"
"Pitch","127.0.0.1","127.0.0.2","10504","BATS","p1bats"
"Pitch","127.0.0.1","127.0.0.2","10507","BATS","p2bats"

"Type","Unit","Primary IP (SLOUGH - LD4)","Secondary IP (PARK ROYAL - LD3)","Port","Username",
"Session Sub Id","Password"
"Spin","mcp_ss_01","127.0.0.1","127.0.0.2","18998","BATS","0023","s1bats"
"Spin","mcp_ss_01","127.0.0.1","127.0.0.2","18998","BATS","0024","s2bats"
"Spin","mcp_ss_01","127.0.0.1","127.0.0.2","18998","BATS","0025","s3bats"
```

2.2 viewPortAttributes

Use this command to retrieve CSV formatted data of your order handler ports and their associated attribute information. The data will reflect the same information presented in the View Port Attributes Info available under the More Options link in the Ports Dashboard and is subject to change. Each port type will have its own header row and a blank line will be inserted between port types. The attribute label is given in the leftmost column, with the right-side columns showing the setting for each port (IP Port values given in the header row). The firm name will also be presented in the header row along with the port type.

Parameter	Description
command	viewPortAttributes

Example Request (GET)

```
?command=viewPortAttributes
```

Example Response

```
"BATS Trading, Inc., FIX, IP Port","10103","10104","10105","10106","10107"
"Authentication","","","",""
"Sender Comp Id","BATS","BATS","BATS","BATS","BATS"
"Sender Sub Id","0004","0005","0006","0007","0008"
"Target Comp Id","BATS","BATS","BATS","BATS","BATS"
"Target Sub Id","DEV","DEV","DEV","DEV","DEV"
"Attributes","","","",""
"Allowed Clearing MPID(s)","BATS: XLON","BATS: XLON","BATS: XLON","BATS: XLON","BATS: XLON"
"Allowed MPID(s) for Trade Reports","BATS: XLON","BATS: XLON","BATS: XLON","BATS: XLON","BATS: XLON"
"Allow Test Symbols Only","No","No","No","No","No"
"Allow Trade Capture","No","No","No","No","Yes"
"FIX Version","FIX 4.2","FIX 4.2","FIX 4.2","FIX 4.2","FIX 4.2"
"Default Routing Instruction","B (Cboe Only)","B (Cboe Only)","B (Cboe Only)","B (Cboe Only)","B (Cboe Only)"
"Maximum Order Size","BATS: 100000","BATS: 100000","BATS: 100000","BATS: 99999999","BATS: 100000"
"Maximum Order Value","BATS: XBSE: 10,000,000 EUR, XZAG: 10,000,000 EUR, XLJU: 10,000,000 EUR,
XBUD: 10,000,000 EUR, XBRA: 10,000,000 EUR, XPRA: 10,000,000 EUR, XTAL: 10,000,000 EUR,
XMAL: 10,000,000 EUR, XRIS: 10,000,000 EUR, XLUX: 10,000,000 EUR, XIST: 10,000,000 EUR,
XMCE: 10,000,000 EUR, XLIT: 10,000,000 EUR, XJSE: 10,000,000 EUR, XCYS: 10,000,000 EUR,
XATH: 10,000,000 EUR, XICE: 10,000,000 EUR, XSTO: 10,000,000 EUR, XPAR: 10,000,000 EUR,
XWBO: 10,000,000 EUR, XWAR: 10,000,000 EUR, XSWX: 10,000,000 EUR, CHIX: 10,000,000 EUR,
XLIS: 10,000,000 EUR, None: 10,000,000 EUR, XNYS: 10,000,000 EUR, XOSL: 10,000,000 EUR,
XBRU: 10,000,000 EUR, XCSE: 10,000,000 EUR, XAMS: 10,000,000 EUR, XETR: 10,000,000 EUR,
XHEL: 10,000,000 EUR, XDUB: 10,000,000 EUR, XBUL: 10,000,000 EUR, XLON: 10,000,000 EUR,
MTAA: 10,000,000 EUR","BATS: XBSE: 10,000,000 EUR, XZAG: 10,000,000 EUR, XLJU: 10,000,000 EUR,
XBUD: 10,000,000 EUR, XBRA: 10,000,000 EUR, XPRA: 10,000,000 EUR, XTAL: 10,000,000 EUR,
XMAL: 10,000,000 EUR, XRIS: 10,000,000 EUR, XLUX: 10,000,000 EUR, XIST: 10,000,000 EUR,
XMCE: 10,000,000 EUR, XLIT: 10,000,000 EUR, XJSE: 10,000,000 EUR, XCYS: 10,000,000 EUR,
XATH: 10,000,000 EUR, XICE: 10,000,000 EUR, XSTO: 10,000,000 EUR, XPAR: 10,000,000 EUR,
XWBO: 10,000,000 EUR, XWAR: 10,000,000 EUR, XSWX: 10,000,000 EUR, CHIX: 10,000,000 EUR,
XLIS: 10,000,000 EUR, None: 10,000,000 EUR, XNYS: 10,000,000 EUR, XOSL: 10,000,000 EUR,
XBRU: 10,000,000 EUR, XCSE: 10,000,000 EUR, XAMS: 10,000,000 EUR, XETR: 10,000,000 EUR,
XHEL: 10,000,000 EUR, XDUB: 10,000,000 EUR, XBUL: 10,000,000 EUR, XLON: 10,000,000 EUR,
MTAA: 10,000,000 EUR","BATS: XBSE: 10,000,000 EUR, XZAG: 10,000,000 EUR, XLJU: 10,000,000 EUR,
XBUD: 10,000,000 EUR, XBRA: 10,000,000 EUR, XPRA: 10,000,000 EUR, XTAL: 10,000,000 EUR,
XMAL: 10,000,000 EUR, XRIS: 10,000,000 EUR, XLUX: 10,000,000 EUR, XIST: 10,000,000 EUR,
XMCE: 10,000,000 EUR, XLIT: 10,000,000 EUR, XJSE: 10,000,000 EUR, XCYS: 10,000,000 EUR,
XATH: 10,000,000 EUR, XICE: 10,000,000 EUR, XSTO: 10,000,000 EUR, XPAR: 10,000,000 EUR,
```

XWBO: 10,000,000 EUR, XWAR: 10,000,000 EUR, XSWX: 10,000,000 EUR, CHIX: 10,000,000 EUR,
 XLIS: 10,000,000 EUR, None: 10,000,000 EUR, XNYS: 10,000,000 EUR, XOSL: 10,000,000 EUR,
 XBRU: 10,000,000 EUR, XCSE: 10,000,000 EUR, XAMS: 10,000,000 EUR, XETR: 10,000,000 EUR,
 XHEL: 10,000,000 EUR, XDUB: 10,000,000 EUR, XBUL: 10,000,000 EUR, XLON: 10,000,000 EUR,
 MTA: 10,000,000 EUR", "BATS: XBSE: 10,000,000 EUR, XZAG: 10,000,000 EUR, XLJU: 10,000,000 EUR,
 XBUD: 10,000,000 EUR, XBRA: 10,000,000 EUR, XPRA: 10,000,000 EUR, XTAL: 10,000,000 EUR,
 XMAL: 10,000,000 EUR, XCRIS: 10,000,000 EUR, XLUX: 10,000,000 EUR, XIST: 10,000,000 EUR,
 XMCE: 10,000,000 EUR, XLIT: 10,000,000 EUR, XJSE: 10,000,000 EUR, XCYS: 10,000,000 EUR,
 XATH: 10,000,000 EUR, XICE: 10,000,000 EUR, XSTO: 10,000,000 EUR, XPAR: 10,000,000 EUR,
 XWBO: 10,000,000 EUR, XWAR: 10,000,000 EUR, XSWX: 10,000,000 EUR, CHIX: 10,000,000 EUR,
 XLIS: 10,000,000 EUR, None: 10,000,000 EUR, XNYS: 10,000,000 EUR, XOSL: 10,000,000 EUR,
 XBRU: 10,000,000 EUR, XCSE: 10,000,000 EUR, XAMS: 10,000,000 EUR, XETR: 10,000,000 EUR,
 XHEL: 10,000,000 EUR, XDUB: 10,000,000 EUR, XBUL: 10,000,000 EUR, XLON: 10,000,000 EUR,
 MTA: 10,000,000 EUR"

"Port Order Rate Threshold", "BATS: 5000", "BATS: 5000", "BATS: 5000", "BATS: 5000", "BATS: 5000"
 "Symbol Order Rate Threshold", "BATS: 5000", "BATS: 5000", "BATS: 5000", "BATS: 5000", "BATS: 5000"
 "Cancel on Disconnect", "Yes", "Yes", "Yes", "Yes", "Yes"
 "Send Trade Breaks", "All Breaks", "None", "None", "None", "None"
 "Default PTP Value", "No MTP (Cancel Newest)", "None", "None", "None", "None"
 "Cancel on Reject", "No", "No", "No", "No", "No"
 "Unique Wash Execution IDs", "Yes", "No", "No", "No", "No"
 "Send Fix tag 40 (order type)", "No", "No", "No", "No", "No"
 "Execution Collar (%)", "BATS: 20", "BATS: 20", "BATS: 20", "BATS: 20", "BATS: 20"
 "Reject Orders on DROP Port Disconnect", "No", "No", "No", "No", "No"
 "Reject Orders on DROP Port Timeout (sec)", "30", "30", "30", "30", "30"
 "Cancel Open Orders on DROP Port Disconnect", "No", "No", "No", "No", "No"
 "Gross Daily Risk Limit Order Notional Cutoff", "BATS: ", "BATS: ", "BATS: ", "BATS: "
 "Gross Daily Risk Market Order Notional Cutoff", "BATS: ", "BATS: ", "BATS: ", "BATS: "
 "Net Daily Risk Limit Order Notional Cutoff", "BATS: ", "BATS: ", "BATS: ", "BATS: "
 "Net Daily Risk Market Order Notional Cutoff", "BATS: ", "BATS: ", "BATS: ", "BATS: "
 "Send Fix tag 9303 (routing instruction)", "Yes", "No", "No", "No", "No"
 "Order Persistence on ME Disconnect", "Yes", "Yes", "Yes", "Yes", "Yes"
 "Duplicative Order Seconds", "Unlimited", "Unlimited", "Unlimited", "Unlimited", "Unlimited"
 "Duplicative Order Count", "Unlimited", "Unlimited", "Unlimited", "Unlimited", "Unlimited"
 "Duplicative Order Action", "Off", "Off", "Off", "Off", "Off"

"Cboe Europe Limited, Inc., BOE, IP Port", "10100", "10101", "10102"
 "Authentication", "", "", ""
 "Username", "BATS", "BATS", "BATS"
 "Sender Sub Id", "0001", "0002", "0003"
 "Password", "batstest", "batstest", "batstest"
 "Attributes", "", "", ""
 "Allowed Clearing MPID(s)", "BATS: XLON", "BATS: XLON", "BATS: XLON"
 "Allowed MPID(s) for Trade Reports", "BATS: XLON", "BATS: XLON", "BATS: XLON"
 "Allow Test Symbols Only", "No", "No", "No"
 "Allow Trade Capture", "No", "No", "Yes"
 "Default Routing Instruction", "B (Cboe Only)", "B (Cboe Only)", "B (Cboe Only)"
 "Maximum Order Size", "BATS: 100000", "BATS: 100000", "BATS: 100000"
 "Maximum Order Value", "BATS: XBSE: 10,000,000 EUR, XZAG: 10,000,000 EUR, XLJU: 10,000,000 EUR,
 XBUD: 10,000,000 EUR, XBRA: 10,000,000 EUR, XPRA: 10,000,000 EUR, XTAL: 10,000,000 EUR,
 XMAL: 10,000,000 EUR, XCRIS: 10,000,000 EUR, XLUX: 10,000,000 EUR, XIST: 10,000,000 EUR,
 XMCE: 10,000,000 EUR, XLIT: 10,000,000 EUR, XJSE: 10,000,000 EUR, XCYS: 10,000,000 EUR,
 XATH: 10,000,000 EUR, XICE: 10,000,000 EUR, XSTO: 10,000,000 EUR, XPAR: 10,000,000 EUR,
 XWBO: 10,000,000 EUR, XWAR: 10,000,000 EUR, XSWX: 10,000,000 EUR, CHIX: 10,000,000 EUR,
 XLIS: 10,000,000 EUR, None: 10,000,000 EUR, XNYS: 10,000,000 EUR, XOSL: 10,000,000 EUR,
 XBRU: 10,000,000 EUR, XCSE: 10,000,000 EUR, XAMS: 10,000,000 EUR, XETR: 10,000,000 EUR,
 XHEL: 10,000,000 EUR, XDUB: 10,000,000 EUR, XBUL: 10,000,000 EUR, XLON: 10,000,000 EUR,
 MTA: 10,000,000 EUR", "BATS: XBSE: 10,000,000 EUR, XZAG: 10,000,000 EUR, XLJU: 10,000,000 EUR,
 XBUD: 10,000,000 EUR, XBRA: 10,000,000 EUR, XPRA: 10,000,000 EUR, XTAL: 10,000,000 EUR,
 XMAL: 10,000,000 EUR, XCRIS: 10,000,000 EUR, XLUX: 10,000,000 EUR, XIST: 10,000,000 EUR,
 XMCE: 10,000,000 EUR, XLIT: 10,000,000 EUR, XJSE: 10,000,000 EUR, XCYS: 10,000,000 EUR,
 XATH: 10,000,000 EUR, XICE: 10,000,000 EUR, XSTO: 10,000,000 EUR, XPAR: 10,000,000 EUR,
 XWBO: 10,000,000 EUR, XWAR: 10,000,000 EUR, XSWX: 10,000,000 EUR, CHIX: 10,000,000 EUR,
 XLIS: 10,000,000 EUR, None: 10,000,000 EUR, XNYS: 10,000,000 EUR, XOSL: 10,000,000 EUR,
 XBRU: 10,000,000 EUR, XCSE: 10,000,000 EUR, XAMS: 10,000,000 EUR, XETR: 10,000,000 EUR,
 XHEL: 10,000,000 EUR, XDUB: 10,000,000 EUR, XBUL: 10,000,000 EUR, XLON: 10,000,000 EUR,
 MTA: 10,000,000 EUR", "BATS: XBSE: 10,000,000 EUR, XZAG: 10,000,000 EUR, XLJU: 10,000,000 EUR,
 XBUD: 10,000,000 EUR, XBRA: 10,000,000 EUR, XPRA: 10,000,000 EUR, XTAL: 10,000,000 EUR,

XMAL: 10,000,000 EUR, XCRS: 10,000,000 EUR, XLUX: 10,000,000 EUR, XIST: 10,000,000 EUR,
 XMCE: 10,000,000 EUR, XLIT: 10,000,000 EUR, XJSE: 10,000,000 EUR, XCYS: 10,000,000 EUR,
 XATH: 10,000,000 EUR, XICE: 10,000,000 EUR, XSTO: 10,000,000 EUR, XPAR: 10,000,000 EUR,
 XWBO: 10,000,000 EUR, XWAR: 10,000,000 EUR, XSWX: 10,000,000 EUR, CHIX: 10,000,000 EUR,
 XLIS: 10,000,000 EUR, None: 10,000,000 EUR, XNYS: 10,000,000 EUR, XOSL: 10,000,000 EUR,
 XBRU: 10,000,000 EUR, XCSE: 10,000,000 EUR, XAMS: 10,000,000 EUR, XETR: 10,000,000 EUR,
 XHEL: 10,000,000 EUR, XDUB: 10,000,000 EUR, XBUL: 10,000,000 EUR, XLON: 10,000,000 EUR,
 MTAA: 10,000,000 EUR"

"Port Order Rate Threshold","BATS: 5000","BATS: 5000","BATS: 5000"
 "Symbol Order Rate Threshold","BATS: 5000","BATS: 5000","BATS: 5000"
 "Cancel on Disconnect","Yes","Yes","Yes"
 "Send Trade Breaks","None","None","None"
 "Default PTP Value","None","None","None"
 "Cancel on Reject","No","No","No"
 "Execution Collar (%)","BATS: 20","BATS: 20","BATS: 20"
 "Reject Orders on DROP Port Disconnect","No","No","No"
 "Reject Orders on DROP Port Timeout (sec)","30","30","30"
 "Cancel Open Orders on DROP Port Disconnect","No","No","No"
 "Gross Daily Risk Limit Order Notional Cutoff","BATS: ","BATS: ","BATS: "
 "Gross Daily Risk Market Order Notional Cutoff","BATS: ","BATS: ","BATS: "
 "Net Daily Risk Limit Order Notional Cutoff","BATS: ","BATS: ","BATS: "
 "Net Daily Risk Market Order Notional Cutoff","BATS: ","BATS: ","BATS: "
 "Order Persistence on ME Disconnect","Yes","Yes","Yes"
 "Duplicative Order Seconds","Unlimited","Unlimited","Unlimited"
 "Duplicative Order Count","Unlimited","Unlimited","Unlimited"
 "Duplicative Order Action","Off","Off","Off"

3 Support

Please email questions or comments regarding this specification to tradedeskeurope@cboe.com.

4 Revision History

Protocol Version	Date	Description
1.0	3 April 2015	Initial version.
1.1	19 February 2016	Updated for new branding.
1.2	31 May 2019	Added DXE environment.
1.3	25 March 2021	Added CEDX environment.