

## **FAQ on Trading Protocol**

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**1. Can members customize the trading front-end according to the requirements?**

Yes, if members desire to customize the trading front-end according to their requirements, they can do so by developing a Non-NEAT front-end.

**2. Where can a member procure/get Non- NEAT Front-end software solutions?**

Members can procure Non-NEAT Front-end software solutions from various Vendors/ Application Service Providers (ASP) empaneled with the Exchange or can develop themselves using the API specification documents.

**3. How can I develop the Non-NEAT front-end applications?**

For developing Non-NEAT front-end applications, members/vendors have to refer to Exchange provided documents. These documents describe the protocol to be used for Non-NEAT Front-end (NNF) applications to communicate with the Exchange's Trading System and thus serve as a development guide for the NNF developers.

**4. What are the methods to connect to the Exchange Trading Platform?**

There are two methods to connect the Exchange Trading Platform, 1. Using Exchange provided NEAT Adapter application 2. Direct Connection using API Protocol Please refer to the below link for more details.

<https://www.nseindia.com/trade/platform-services-neat-trading-system-protocols>

**5. How can I connect with using Exchange provided NEAT Adapter application?**

Exchange trading system is a 3-tier system with NEAT Adapter (NA) acting as a middleware between Front-End and Host End. The NA system consists of a software component running on server class hardware platform which allows access and connectivity to the Exchange trading systems. Exchange provided trading front ends – NEAT and NEATPlus software can connect to NEAT Adapter system, which in turn will communicate with the Exchange trading system, thereby facilitating trading.

**6. How can I connect using trimmed protocol?**

Members can connect directly to Exchange without any middle-ware application provided by the Exchange. Member systems must initiate a TCP socket connection to the address given by the exchange. Members can refer to the NNF Trimmed Protocol documents for details regarding connection feature.

**7. What is the trimmed protocol document?**

The Trimmed Protocol document is the protocol document of the Exchange which describes the general guidelines and message structures/flow required to be implemented for communication with the Exchange trading systems. The protocol has Structures for Order Entry Request, Order Modification/Cancelation Request and Response, Trade Modification, Trade Confirmation, Marketdata broadcast etc.

**8. Where can I get the Information related to various trading protocols provided by Exchange?**

You can refer the below link to get an information related to various trading protocols provided by Exchange:

<https://www.nseindia.com/trade/platform-services-neat-trading-system-protocols>