



National Clearing Company of Pakistan Limited

8th Floor, Pakistan Stock Exchange Building, Stock Exchange Road, Karachi

NCCPL/CM/FEBRUARY-19/11

February 20, 2019

ALTERNATE NETWORK CONNECTIVITY ARRANGEMENTS FOR PARTICIPANTS USING LAN FOR NCC SYSTEMS

Dear Broker Clearing Members (BCMs) / Settling Banks (SBs),

The National Clearing Company of Pakistan Limited (NCCPL) would like to update that there is a change in networking connectivity arrangement for participants, stationed at PSX premises (KHI, LHR & ISB), who are using LAN for their below mentioned NCC Systems:

Region	Services
Karachi	NCSS, CGT, RMS, SLB
Lahore & Islamabad	NCSS, CGT, RMS, SLB, MTS

The participants are informed that PSX has recently notified NCCPL that it shall allocate networking cost to NCCPL which is estimated to amount Rs.9.6 million as certain participants are using PSX LAN connectivity for NCC Systems. The said charges by PSX would enhance networking cost for participants who are using PSX LAN connectivity for NCC Systems.

Keeping in view the current scenario and to avoid additional charges, the participants are advised to use the alternate networking solutions, **CONNECTIVITY via INTERNET or LEASED LINES**, which is comparatively cost effective and is being used by more than 200 participants since many years.

CONNECTIVITY VIA INTERNET (through DSL or Internet Leased Line)

All NCCPL services are available on Internet based VPN. Over 100+ users have already registered for this service with NCCPL and are satisfactorily carrying out their day-to-day business. Interested participants may avail this facility at any point in time after ensuring the following few pre-requisites:

1. Acquisition of Internet connection from any reliable vendor; at least 1 Mbps and preferably 2 Mbps bandwidth. Please ensure that Public IP provided from Internet service provider is **static**.
2. Request to NCCPL for white listing of customer public IP should be generated on company's letter head. This implies that services will only be allowed on that specific public IP for accessing NCCPL applications.
3. Installation of Internet VPN client profiles along with two-factor authentication to ensure enhanced security of data moving over the Internet channel.

CONNECTIVITY VIA DATA LEASED LINE (through Multinet or Cybernet)

All NCCPL services are available over leased line circuits of Multinet and Cybernet as well. Interested participants may avail this facility at any point in time after ensuring the following few pre-requisites:

1. Acquisition of leased line from nominated vendors; at least 1 Mbps and preferably 2 Mbps bandwidth. For Multinet connectivity, IP schemes shall be provided by NCCPL whereas Cybernet shall assign the IP scheme to customer in case of its connectivity.



National Clearing Company of Pakistan Limited

8th Floor, Pakistan Stock Exchange Building, Stock Exchange Road, Karachi

2. Request to NCCPL for white listing of customer IP should be generated on company's letter head. This implies that services will only be allowed on that specific private IP for accessing NCCPL applications.
3. Installation of VPN client profiles along with two-factor authentication to ensure enhanced security of data moving over the data channel.

This is a mandatory network connectivity transition requirement for all PSX LAN participants in order to ensure continued and non-disruptive services from NCCPL. Participants are hereby requested to make pre-requisite connectivity arrangements before **March 18th, 2019** keeping in view the aforementioned options.

For any further queries or concerns, please feel free to contact the Customer Support Department at UAN No. 021-111-111-622.

Regards,

____sd_____
Rehan Saif
Head of PD & CSS

CC:

1. Chief Executive Officer - Pakistan Stock Exchange Limited