

National Clearing Company of Pakistan Limited
8th Floor, Pakistan Stock Exchange Building, Stock Exchange Road, Karachi

NCCPL/CM/FEBRUARY-20/05

February 10, 2020

Hardware and Software Specifications Requirement for NCCPL Terminal Users

Dear Market Participants,

National Clearing Company of Pakistan Limited (NCCPL) has always strived to improve its services from time-to-time by following latest trends, especially in the field of technology. For the facilitation of Market Participants, NCCPL is revising up its Hardware and Software Specifications I.e. from Windows 7 to Windows 10 for the NCC Terminal clients.

In this respect, Market Participants are requested to ensure compliance with revised specifications of hardware and software till February 28, 2020 for ensuring smooth transition to new upgrade.

Desktop Specifications For NCCPL Applications		
Overview	For enhanced performance and efficiency of NCCPL business applications, a dedicated PC complying below listed hardware/software configuration is mandatory.	
Hardware Requirements		
Processor	Intel Core i3 series or above	
RAM	Minimum 4 GB, preferable 8 GB	
Hard Disk	80 GB min	
Peripheral Devices	Keyboard, Mouse, LCD, LAN card & UPS (30 min)	
Software Requirements		
Operating System	Licensed Windows -10 Professional (64 bit), latest build with Critical Fixes.	
Adobe Acrobat Reader DC	19.0 or above and always keep up to date based on principal release notes	
Security Software	Licensed version of well-known Antivirus / Antimalware and Host Intrusion Prevention System (HIPS), wherein Forticlient must be exempted.	
Web browser	All NCC applications except Biosys - CKO	Internet Explorer 11.0
	Biosys – CKO	Firefox (recent version) / Google Chrome (recent version)
Modes of connectivity	• LAN (only for Stock Exchange building) • Multinet / CyberNet Leased Line - Fiber • Internet DSL (through Static IP only)	
PC dedicated only for NCCPL Applications	In order to obtain maximum security / performance, please ensure that the PC with the recommended configuration must be used only for NCCPL applications. Unnecessary software should not be installed on these systems. Internet browsing on the same PC is strongly discouraged (other than purposes of connecting through Internet DSL).	
Disclaimer	To get the maximum performance from the systems provided by NCCPL, we strongly recommend adhering to its recommendations. NCCPL may not be able to fully support reported issues in case of any non-compliance in this regards.	



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For any further clarification, feel free to contact our Customer Support Department at UAN No. 021-111-111-622.

Regards,

Sd

Syed Abdul Ahad Hasan
Sr. Manager PD & CSS

Cc:

1. **Chief Executive Officer - Pakistan Stock Exchange Limited**
2. **Chief Executive Officer - Central Depository Company of Pakistan Limited**
3. **Chief Executive Officer - Mutual Fund Association of Pakistan**
4. **Chairman - Pakistan Banking Association**
5. **Managing Director- Pakistan Mercantile Exchange Limited (For Circulation to all AI of PMEX)**