

Annexure-II

TECHNICAL SPECIFICATIONS FOR MICRO ATMS (POS DEVICES)

Minimum technical specification of micro-ATM devices is as under:

1	PCI PED Certification.
2	EMV L1 & L2 Certification. (below mentioned parameters 2a,2b,2c should be satisfied according to NPCI specification)
2a	Terminal Type: 22
2b	Terminal Capabilities: 604000
2c	Additional Terminal Capabilities: 880080F000
3	Windows SDK and .NET (#) support for Key Injection.
4	Master Key storage process and information.
5	Terminal Master Key and Session Key loading APIs.
6	API to identify the status of Key. (Loaded/Not Loaded).
7	API to fetch device Model/Make name, Serial Number, Terminal Id, Firmware version.
8	API to fetch all the required tags with respect to NPCI specification. (Ex: 9F02, 9F03, 9F26, 9F06, 82, 9F36, 9F07, 9F27, 9F34, 84, 9F1E, 9F10, 9F40, 9F09, 9F33, 9F1A, 9F35, 95, 5F2A, 9A, 9F41, 9C, 9F37, 4F).
9	Track2Data and Pin block generation process.
10	API to update ARPC data.
11	API to get Reversal tags.
12	Device should be capable of supporting VISA, MASTER, RUPAY Cards.
13	Functionality to support for EMV/Swipe (Fallback).
14	USB & Bluetooth support for the communication of Pinpad and Device.
15	Direct swipe should not be allowed for chip-based card. Only in fallback, swipe should be allowed (in case of firmware-based device, this scenario should be handled by firmware level.)