M3 Platform Overview

The M3 Platform is versatile and scalable, enabling deployment of any type of device: laptop *(Windows, Mac OS, Chrome)*, tablet and mobile phone *(Android, iOS, Windows)* and can support sites with both as little as 10 devices and up to 1000+.

The Platform can automate content management, control access, monitor device usage and generate the reporting needed to manage your business. Outsource the day-to-day tasks related to mobile device management by leveraging M3 Solutions Technologies.

Features

Content automation

- ✔ Automation of operating system and content deployment
- ✔ Synchronization of complex data structures
- ✔ Device wipe after each use
- ✔ Data push and pull

Asset management

- ✔ Infrastructure layout/design
- ✔ Deployment/troubleshooting
- ✔ Streamlined RMA process
- ✔ Reporting
- ✔ Battery stability
- ✔ Physically secure / lock device

Physical Interface

M3 Solutions Platform

M3 Solutions Countertop

![M3 SOLUTIONS]

Technical Resources Library

Cloud components
- M3 Dashboard, reporting/analysis and file repositories
- Samsung Knox
- Cloudflare
- Apple's ABM (DEP/VPP)
- Microsoft Cloud
- Centos 9 (Core)

Back-end integration options
- Customer file repositories
- VPNs
- Certificate issuance
- Scheduling, card, & identity-management systems
- Custom reporting & event propagation solutions
- Active Directory/LDAP/SSO/badging systems

Rental MFA options
- OTP code
- Checking a scheduling system
- Validating work order number
- Validating encryption certificate

MFA for customer resources
- Install user credentials on the device prior to rental enabling certificate-and-password MFA for sensitive internal resources.

MDM
- JAMF and Knox Manage (KM) with Knox Platform for Enterprise (KPE) and Knox Mobile Enrollment (KME)

Charging connectors
- M3 has customized wrappers and PCBs to internally interface with any device connecter (e.g. USB-C) and externally allow charging with any connector. We can tailor the charging connectors for what works best based on the environment. In addition, the wrapper ruggedizes the device for better long-term reliability.

On-screen survey / ticketing
- Customizable post-rental surveys allow device users to flag issues (broken/scratched screens, battery degradation that results in device resets in cold weather, or even requests for expanded access to intranet resources). Information is escalated to inhouse support team.

Controller

MODEL NUMBER	NSSPCC-10		
Key Feature	Configuration	Specification	Notes
Monitor	N/A	7", 800x480 VGA, Resistance Single Touch Screen USB Interface	Open Frame Metal Shell
Built-In Camera	N/A	USB UVC Video, 720p, 30FPS, USB interface	
Card Reader	iClass RFID Reader	HID Prox®, Indala® & EM Prox,MIFARE® Classic, MIFARE® DESFire® EV1, iCLASS®, iCLASS SE®, iCLASS® Seos®, iCLASS Elite®, and other SIOenabled credentials. USB interface	SKU "XXX" = "RFI"
	NFC RFID Reader	ISO 14443 Type A & B, ISO/IEC 18092 (NFC), MIFARE®, FeliCa, USB interface	SKU "XXX" = "RFD"
	Smart Chip & Magnetic Strip Reader	Read up to three tracks of magnetic stripe card data. Supports ISO7816 T=0 and T=1 cards not requiring VPP, with a speed range of 9600 bps to 115200 bps USB interface and external DC power 12V/1.5A at DC5.5/2.5mm Power Jack	SKU "XXX" = "SWP"
	1D Barcode Reader	650nm Visible Laser Bi-Directional Scanning. Support 5mil Resolution, EAN13, EAN 8, UPC-A, UPC-E, CODABAR(NW-7), CODE39, CODE93, INTERLEAVED_20F5, STANDARD_20F5, MATRIX_20F5, CODE128, EAN128(GS1-128), CODEII, CHINESE_POST	SKU "XXX" = "BCS"
Motherboard	CPU	Intel Celeron 1037U @ 1.8GHz	Or Higher
	Memory	2 Gigs	Or Higher
	Drive	120 Gigs SSD	Or Higher
	Operating System	Linux Centos 6.8+	
	Graphic	Integrated	
IO	USB Ports	USB2 Type A (7X)	
	LAN Connection	Gigabit Ethernet (1X) - Connections within system local LAN managed by SPCC	
	WAN Connection	Gigabit Ethernet (1X) - Internet connection provided by Premise	
Power Input		100-240V, 4.5-2.5A, 60-50Hz	
Compliance		CE, FCC, ROHS, NTRL	
Physical Dimensions (mm)		15(W)X342.25(H)X388.5(D)mm	
Net Weight (kg)		6kg	

Tablet Extension

MODEL NUMBER	NSTABOS-20		NSLAPOS-20	
Key Feature/Configuration	NSTABOS001-20A	NSTABOS011-20A	NSLAPOS001-20A	NSLAPOS002-20A
Fitting Device	Tablet iOS, ANDROID	Tablet Windows	Laptop	Laptop
Slot Size (mm x mm)	252 x 22	252 x 22	252 x 46	252 x 46
Number of Slots	10	10	6	8
IO Controller	10 Channels	10 Channels	6 Channels	10 Channels
Kiosk Control Port	USB 2.0 TYPE B X 1	USB 2.0 TYPE B X 1	USB 2.0 TYPE B X 1	USB 2.0 TYPE B X 1
Device Communication Port	USB 2.0 TYPE B X 1	100MBT RJ45 X 1	100MBT RJ45 X 1	100MBT RJ45 X 1
Multiple Kiosk Daisy Chain Port	NA	NA	100MBT RJ45 X 1	100MBT RJ45 X 1
Kiosk Power Input	DC12V/7A	DC12V/7A	DC12V/7A	DC12V/7A
External Device Charging Port	NA	DC5521 X 10	LENOVO RECTANGLE X 6	LENOVO RECTANGLE X 8
Slot Charging - USB	5V/500mA	5V/500mA	External Original Laptop Charger with Gender Bender, 3.25A Max	External Original Laptop Charger with Gender Bender, 3.25A Max
Slot Charging - None USB	NA	External Charger 3.25A Max	External LENOVO RECTANGLE 20V/3.25A Charger, OR External Original Laptop Charger with Gender Bender, 20V/3.25A Max	External LENOVO RECTANGLE 20V/3.25A Charger, OR External Original Laptop Charger with Gender Bender, 20V/3.25A Max
SSID Protection	YES	YES	NO	NO
Kiosk Inner Temperature Monitor	YES	YES	YES	YES
Rail Option	Removable Rail from Front	Removable Rail from Front	Removable Rail from Front	Removable Rail from Front
Compliance	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS
Physical Dimensions (W x H x L, mm)	355 X 343 X 373	355 X 343 X 373	368 X 343 X 373	484 X 343 X 373
Net Weight (kg)	28	28	25	29
Module Form	Open Frame	Open Frame	Open Frame	Open Frame