

Course topic index

- NC3L: what is it and its acronym
- Differences between the model with 5.7" and 12" display-single and double side
- PCI: what is it and how nc3l incorporates these specifications
- The regulations of PCI-PTS POI 4.x certification in the NC3L terminal
- How to open unit's front doors
- Display Module: 5,7" and 12"
- NC3L 5.7": Assembly Diagram scheme
- NC3L 12": Assembly Diagram scheme
- NC3L 12": Display assembly with the Multimedia card (IBase IB898)
- Display is not a Secure module, but what happens if disconnected?
 - Display Model: TIANMA=eol - AUO=New Model
- Multimedia Board: IBASE
 - Multimedia Board Ibase Model IB898 and its Peripherals
 - Multimedia Board Ibase Model IB818
- NC3L M7 – UPM Module: UPM = Universal Payment Module
 - What happens if UPM is disconnected?
 - Implementation of PCI-PTS POI 4.x certification: secure modules: their Management and deactivation needs
 - PCI-PTS POI 4.x=UPM Model 01 and PCI-PTS POI 5.x=UPM Model 03
 - Update from model 01 to model 03 constraints
 - UPM Types: Dev, Test, Prod
 - Dismounting sensors
 - Meaning of the LEDs
 - UPM Connection
 - UPM Peripherals
 - UPM Video Switch
- NC3L M7 –M7IF and M7PS Boards
 - M7IF Layout and Devices Connected
 - M7IF Serial ports activity Leds
 - M7IF USB Ports activity Leds
 - M7IF Sensor and Contacts
 - M7IF Jumpers
- M7PS = M7 Power Supply Board
 - M7PS: where it is mounted
 - M7PS-M7IF Diag Leds
 - M7PS Power Supply Output Leds
 - M7PS Peripherals: Display TIANMA
 - M7PS PERIPHERALS – Display AUO
 - M7PS Touch and Backlight display model: TIANMA
 - M7PS Touch and Backlight display model: AUO

- Ethernet Switch
- Which peripherals are Ethernet type?
- CRDI Board: what is it and what is its function?
- TBSP2 Board = the new model it replaced CRDI
 - Explanation of the operation of the thermostated relay
- NC3L: Power Supply Connections
- UX300 Card Reader
 - Card Reader UX300 connections
 - Card Reader UX300: the meaning of the 3 colored leds
- UX 400 Contactless Card Reader
 - UX-400: the meaning of the leds
- N5600: Barcode Reader
 - The boards that compose it
 - N5600 - Assembly Diagram scheme
 - N5600 - Assembly and meaning of the Leds
 - N5600 - Barcode Reader NC3L M7 programming
- Ticket Printer: Custom TG2460
 - Features and specifications
 - How to verify Chars Map
 - Quick Guide for How to update printer fonts
- IAMP Board: What is it and what is its function?
 - Layout and connections
- NC3L M7 Setup and Commissioning
 - *System* and *Secure* Menu: the two main menus to run the Setup and Commissioning of the NC3L terminals
 - Menu navigation tree
 - How to access to SYSTEM/MAINTENANCE MENU
 - SYSTEM and SECURE Menu Timeouts
 - SYSTEM INFO: Retrieve System Information
 - DEVICE CONFIGURATION - DEVICE SELECTION
 - Device Selection: NC3L Default Typical setup with meaning of the menu items
 - Verifone Devices (Card Reader) IP assignment
 - Device Config – Time Zone
 - Software Update
- M7 Maintenance Tool: what is it and how to run it?
 - Software Compare function
 - Main folders
 - Software Update function
 - Switch to UPM function
 - Date and Time function
 - Packages Deletion
 - Log Retrieval
- UPM Self Check Diagnostic tool

- How to access to Secure MENU: The Activation Process
 - NC3L – UPM WebAccess
 - Secure MENU Timeouts
 - Secure Menu: Date and Time
 - Secure Menu: Network Menu
 - Secure Menu: Card Reader UX300 Network settings
 - When activation is necessary?
 - Secure Menu: System Activation

- Certification Test