

MPERIA™ Training Syllabus

- MPERIA™ Platform- Feature and Benefits
- Controller Hardware and Software
- Controller Types and Features
- Port Identification
- Software Licensing
- Software Updates
- MPERIA™ Vision
- MPERIA™ Devices
- Controller Installations/Configuration
- Controller- Graphic User Interface (GUI)
- Marking One Side of a Print Target
- Marking two Sides of a Print Target
- Stitching Marking
- Font Management- Importing/Exporting pre-existing fonts
Adding fonts
- Image Management- Importing/Exporting of pre-existing
images
- Database- Importing and Export of pre-existing Databases
with USB.

- External I/O Warning Light Configuration
- MPERIA™ Creator-
 - Installation on PC
 - Message Creation
 - Profiles
 - Importing/Exporting of data and files
 - Set up from a Backup of live Controller
 - Relationship of MPERIA™ Controller, Simulator, and Creator
- Database Creation with Excel
- Database- Importing and Export of pre-existing Databases with USB and over the network.
- Building a Database Message
- Database Image selection
- Building more than Database
- MPERIA™ Networking
 - Switches/Routers with MPERIA™ Controllers
 - IP Settings and DHCP
 - MPERIA™ Controller Wireless
- Virtual Network Computing
 - VNC Factory PC to Controller
 - VNC Mobile Device to Controller

- Troubleshooting with VNC
- Troubleshooting over the internet
- Configuring Serial Ports
- External I/O Warning Light Configuration
- Use of HyperTerminal, Notepad++, and Putty tools
- Protocols
 - Line Action- Advantages and Disadvantages
 - Set Variable (Remote Field)
 - Selection by message (Scanner)
 - Selection by database (Scanner)
 - Online Barcode creation for Scanner selection of the database
 - Scanning Selection of a barcode on a mobile device
 - Plug Ins- Use of Data Capture Plugin
 - XML – Advantages and Disadvantages
 - Port 10001 and 10002
 - XML examples
 - XML usages
 - Command- Advantages and Disadvantages
 - PLC (No message creation with Command)
 - Port 10005 and 10006 (No responses 10006)
 - Debug

- Logs
- Diagnostic Reports
- Ports
 - 1-20000 Dedicated
 - 9100 common Label
 - VNC typically 5500 5800 5900
 - MPERIA™ first open port 20000 (Plugins)
- Windows Print Driver
 - Use with a Label Software Package (Bartender)
- MPERIA™ VIA Serve
- Back Up and Restoring MPERIA™ Controller, Simulator, and Creator (Magic IP 127.0.0.1 Loop Back)
- MPERIA™ Creator-
 - Installation on PC
 - Message Creation
 - Profiles
 - Importing/Exporting of data and files
 - Set up from a Backup of live controller
 - Sending and Receiving files over the network
 - Relationship of MPERIA™ Controller, Simulator, and Creator on a network.

MPERIA™ Devices

- Controller Platform Description
- Controller identification
- Device identification
- Device Peripherals identification
- Controller Overview menu
- Handling and Commissioning Devices
- Devices System Installation Simple Marking One Side of a Print Target
- Devices System Installation Simple Marking Two Sides of a Print Target
- Devices System Installation Simple Marking One Side Stacked
- Stand Installation
- Devices Daily Maintenance
- Device Maintenance by way of the Controller
- Device Maintenance by VNC
- Ink Systems Local
- Basic Troubleshooting Printing Problems