

2. Network Architecture

NOTE: Information subject to change without notification

2.1 Network Ports and Protocols

- UDP Multicast on group 239.255.255.248 and Port 5360
- UDP Unicast on Port 5360
- TCP Port 19091 (and above)

2.2 MFP HyPAS Application Start-Up

1. PinPoint Scan 3 HyPAS Application loads when the MFP is powered on
2. PinPoint Scan 3 HyPAS Application announces its presence on the network by sending out a UDP Multicast message to group 239.255.255.248 on port 5360.



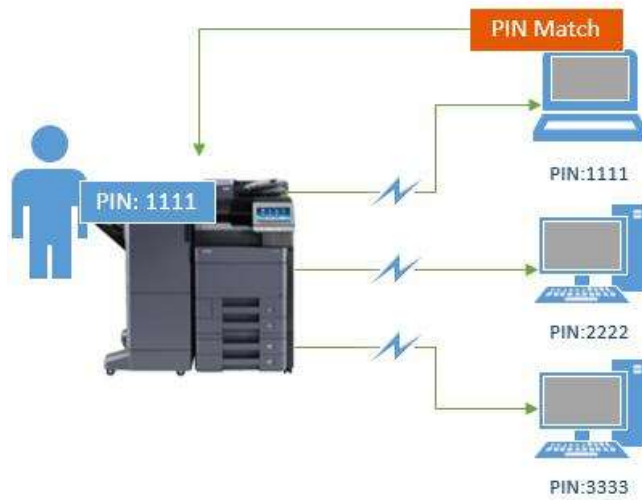
2.3 PC/MAC Application Start-Up

1. PinPoint Scan 3 client application starts when the user logs into their PC or MAC workstation.
2. PinPoint Scan 3 client application announces its presence on the network by sending out a UDP Multicast message to group 239.255.255.248 on port 5360.



2.4 Connecting to PC or MAC Workstation from the MFP Panel

1. User enters their PIN on the MFP Panel.
2. The PinPoint Scan 3 HyPAS Application sends a UDP Unicast message on Port 5360 with an irreversible hashed PIN.
3. The PC or MAC running the PinPoint Scan 3 Client application with the matching PIN will respond back to the MFP.



After verification, the MFP and workstation establish a HTTPS communication channel on TCP Port 19091 or higher. All further communication including image transfer occurs on this channel.