NETWORK REQUIREMENTS FOR BISTRO TO GO KIOSK WITH LYNK TELEMETER

OVERVIEW

The GlobalConnect Bistro to Go Kiosk requires the InHand router for connectivity. The InHand router uses cellular connection to access the internet by default. You can set up the InHand router internet access can be through a Corporate LAN, private Internet drop, or private LAN by plugging into the WAN port. When using an unrestricted internet connection, no special configuration is usually required. If the following requirements are not met, the kiosk may have poor performance or not perform.

MINIMUM BANDWIDTH AND DATA TRANSFER REQUIREMENTS

- 2Mbps Down
- 1Mbps Up
- Data transfer per month less than 2GB

MINIMUM INTERNET ACCESS

The kiosk must be able to communicate with resources on the following domains and ports. All connections will be established outbound from the kiosk & are encrypted SSL connections (excluding DNS).

DNS

- Ports 80, 443

The kiosk can be configured to use an alternate DNS as long as the above resources may be resolved correctly.

- 8.8.8.8
- 8.8.4.4

DPI

Additionally, these hosts need to have DPI (Deep Packet Inspection) turned off as the kiosk will reject traffic where the SSL encryption certificate is invalid (which is the mechanism upon which DPI operates).

If this is on a local network, and it has enhanced security, the following IP addresses may need to be added to the whitelist:
52.5.154.83, 184.73.218.134, 3.91.120.100, 52.6.59.241, 54.156.49.215, 54.235.252.122

PORT REQUIREMENTS

The GC Kiosk requires TCP ports 80, 443

Domain	Port
*.apriva.com	443
hercules.usconnectme.com	443
*.globalconnectts.com	443
*.castlestech.net	443
*.amazonaws.com	443
*.iot.us-west-2.amazonaws.com	443
*.credentials.iot.us-west-2.amazonaws.com	443
*.s3.us-west-2.amazonaws.com	443
*.us-west-2.amazonaws.com	443
*.connecthq.live	443
*.theftdetective.com	443

DOMAINS

- hercules.usconnectme.com and hercules.caconnectme.com It is strongly recommended to whitelist this domain since server IP addresses may change. However, if IP address whitelisting is required, then the IPs are: 52.223.46.63, 35.71.139.175, 52.5.154.83, 184.73.218.134, 3.91.120.100, 52.6.59.241, 54.156.49.215, 54.235.252.122, 52.20.14.147, 100.24.184.26

- *.globalconnectts.com
- *.castlestech.net
- *.amazonaws.com
- *.connecthq.live
- *.theftdetective.com
- https://www.mcc-mnc-lookup.com/api/codes/

NOTE: IP-based whitelisting is not feasible for the GlobalConnect Bistro to Go Kiosk due to the AWS server endpoints not having static IPs.