

# System Requirements

## Digital Signage

All Digital Signage units must be installed in a common subnet with the following characteristics:

- DHCP is available
- DHCP assigns at least one DNS server
- UDP Broadcast is available

In addition to this, the Director must have access to the internet at the following combination of IP-addresses and ports for outbound traffic:

- 5.178.78.226
  - TCP 6911
- 5.178.78.227, 217.119.170.56/29
  - TCP 12322
- 5.178.78.232
  - TCP 80,443
- UDP 123
- UDP 53
- UDP 5938

### Network Load

The amount of data that the Director retrieves from the internet varies with the number of slides to be displayed.

A rule of thumb is 2 MB per product shown.

Additional screens showing the same material does not demand an increase in network connection bandwidth.

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