



### Network Requirements

WAND's digital menu board solution is attached to your local computer network, and uses your location's connection to the internet to communicate with WAND's Total Restaurant Management platform. For that communication to happen and you to realize the full benefits of WAND's solution, a few things need to happen.

Your internal IT staff, outsourced IT, or IT security provider will know what to do with the following information:

### Recommended Practices

- Configure the internal network to segregate digital menu boards from the cardholder data environment.
- Use DHCP to assign IP addresses to digital menu boards. Note that the default configuration of a WAND media player is to lease an IP address from the local DHCP pool.
- Allocate appropriate bandwidth for WAND's digital menu board solution to communicate with WAND's Total Restaurant Management platform. We recommend a minimum of 1 Mbps for an optimal experience.

### Network Configuration Requirements

#### Windows Based Digital Devices

- Outbound NTP: 123 (\*.us.pool.ntp.org, time1.wandcorp.com and time2.wandcorp.com)
- Outbound 443 (\*.WANDcorp.com)
- Outbound 80, 443 (\*.logmein.com)
  - Outbound 28888 (\*.wandcorp.com) if using WAND is being used as a remote access proxy
- Trusted Domains
  - \*.googleapis.com

#### Chrome Based Devices

- DNS – Port 53 (TCP & UDP)
- NTP – Port 123 (UDP)
- HTTPS/SSL – Port 443 (TCP)
- HTTP – Port 80 (TCP)
- PING (ICMP) – (Ability to ping outbound google domains)
- Trusted Domains
  - \*.google.com
  - \*.googleapis.com
  - \*.googleusercontent.com
  - \*.gstatic.com
  - \*.wandcorp.com

#### All Devices

- Trusted Domains
  - code.jquery.com
  - cdnjs.cloudflare.com
  - googleapis.com

Questions? Reach out to the WAND Installation Team at  
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