



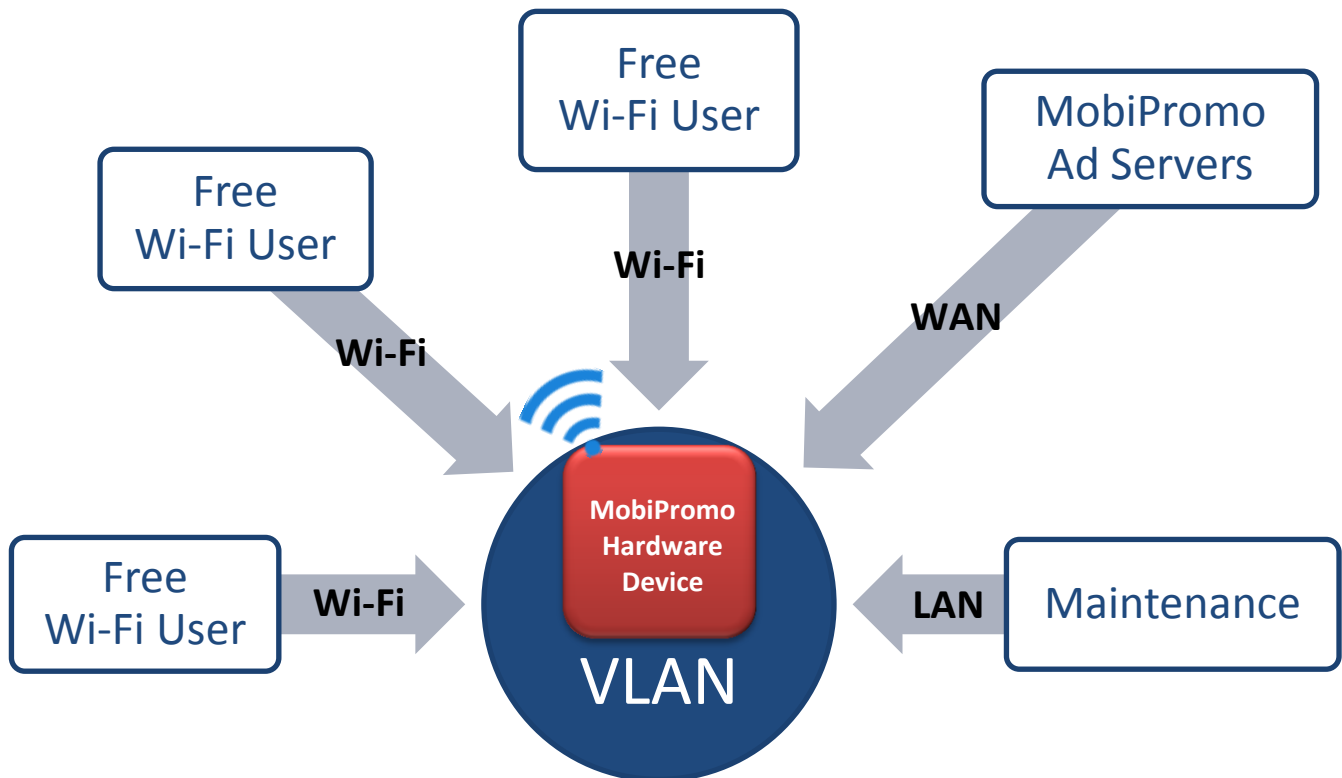
MobiPromo Device & Data Security

Mobile Network Marketing Corporation is committed to the security of MobiPromo devices, data, and privacy of Free Wi-Fi Users.



MobiPromo cloud-based networks are connected through a Virtual Private Network (VPN) tunnel that requires User device authentication and User verification via a unique token sent via SMS to the User. The MobiPromo authentication server does not allow access until the token code is associated with the User device that requested it. Upon correct authentication, the User access is logged and transferred to a cloud based ad server secured by 256 Bit Encryption Secure Socket Layer (SSL).

The diagram below shows an overview of the entire system and data flow between each component. Each component and its security aspect are explained in detail sections.



WAN Interface

- MobiPromo hardware device is connected to the Internet through the WAN interface.
- The WAN interface is protected by firewall.
- All unused/unwanted Ports are blocked on the WAN interface.
- Through the WAN interface, the MobiPromo device communicates with the MobiPromo servers and through a 256 Bit secure SSL connection.

LAN Interface

- LAN port is for troubleshooting and doing maintenance on the device.
- LAN is protected by firewall.
- SSH is enabled on a secret Port for maintenance procedures.
- Telnet is disabled.
- There is no Web Interface to access the device.

Wi-Fi Interface

- Free Wi-Fi users can connect to the access point through the Wi-Fi Interface.
- Internally a new tunnel / Virtual LAN is created over the wireless which isolates the Wi-Fi Interface from all other networks like LAN and WAN. This tunnel interface sends and receives packets over secure IPsec protocol.
- This secure tunnel is used for the Wi-Fi interface. A DHCP server within the MobiPromo device provides IP addresses to the Free Wi-Fi Users.
- All unused/unwanted Ports are blocked on the Wi-Fi interface.

MobiPromo Servers

- All communication to and from the MobiPromo server is encrypted by 256 Bit SSL connection.
- MobiPromo servers provide authentication and ad serving to the Free Wi-Fi Users.

Free Wi-Fi User

- The Free Wi-Fi Users connect through the Wi-Fi interface and hence they are using a VLA N that is isolated from all other network interfaces.
- Free Wi-Fi Users are authenticated by MobiPromo Authentication server.
- After authentication, the MobiPromo device brokers all communications between the Free Wi –Fi Users and the internet, and MobiPromo Ad server interactions.

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