

# Connecting your Bevi machine

To ensure on-time restocking, machine servicing and accurate consumption data insights your Bevi machine needs to be connected via WiFi, Ethernet or a cellular network. We do rely on a regular internet connection that keeps working long term without manual intervention. Without this connection your Bevi machine will still dispense beverages, but would not support any of the following smart features:



Usage information



Sustainability statistics



Inventory reporting



Device health



Machine alerts



Product and feature updates such as:

- New product releases (flavors, nutrition and ingredient information)
- Product improvements
- Seasonal animations



Need more information? Reach out to [support@bevi.co](mailto:support@bevi.co).



## What kind of data does the device send back to Bevi?

We only track anonymous user interactions, dispense data and hardware sensor readings. We use this data to track consumable levels, which informs us when to restock the Bevi. The data is sent encrypted to our cloud infrastructure.

## How does patching/updating of the device take place?

Each Bevi machine contains an embedded Android tablet. From the tablet we post regular events to our backend (<https://well.bevi.co>). Additionally, we send periodic updates to our applications to deliver the best performance. This process will download an apk from the same backend at <https://well.bevi.co> or <https://bevi-static.nyc3.digitaloceanspaces.com>.

These updates are done OTA, using your existing wireless connection when the Bevi machine connects to our cloud infrastructure. For WiFi we use the stock Android WiFi configuration support and can support WPA/WPA2 PSK and other types of security. We use standard https over port 443.

## Does the Bevi machine allow remote access over the internet, typically done through a reverse proxy type of connection?

No, the Bevi machine only makes outbound requests to our cloud infrastructure. No inbound requests or port opening are possible.

## Is the Bevi machine running a full OS, if so which one?

The Bevi machine runs a version of Android, based on AOSP.

## Does the Bevi machine have any open ports that could be reached from our network?

No, The Bevi machine only makes outbound requests to our cloud infrastructure. No inbound requests or port opening are supported for the Bevi machine. The tablet always calls out to the cloud, we do not call the tablet directly.

## Where are outbound requests sent to?

The Bevi machine makes outbound GET/POST HTTP requests to:

- <https://well.bevi.co>
- <https://bevi-static.nyc3.digitaloceanspaces.com>
- <https://bevitouchless.co> and <wss://bevitouchless.co>

## Were security coding practices used, and if so how is security done and have any audits been done by a 3rd party against the device?

No audits have been done by a 3rd party. When implementing new features we follow standard practices to ensure we do not introduce security vulnerabilities. We regularly update third-party software libraries we use, and follow security bulletins and patch high-risk items.

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