

BUILT IN MINUTES. OFF WITH ONE SWITCH.

One small script runs the whole bridge from any Mac or Linux laptop. Everything it creates in the City's Cloudflare account is named **CITY BRIDGE**, and **down** removes all of it. The floor carries the **Line** — push-to-talk voice and a who's-where radar for staff, behind the same login.

\$ up

BUILD OR REFRESH
THE BRIDGE

\$ check

WHO'S ON, THEIR DEVICES,
AND A LIVE MESH TEST

\$ down

THE ONE SWITCH:
EVERYONE OFF, ALL OF IT GONE

01 BEFORE · THE SETUP

A · ACCOUNT

TURN ON ZERO TRUST.

In one.dash.cloudflare.com choose the Free plan and a team name, like **stl-bridge**. Covers up to 50 people.

B · KEY

MAKE A TOKEN.

Custom API token with **Zero Trust** Edit, both **Access** permission groups Edit, and **Account Settings** Read. ITSA keeps it.

C · BUILD

RUN UP.

Paste the token, then the short list of emails. About a minute.

```
$ python3 bridge.py up
```

02 DAY OF · THE PEOPLE

A · INSTALL

ONE APP PER DEVICE.

Cloudflare One Client on Mac and Windows.
Cloudflare One Agent on iPhone and Android.

B · SIGN IN

TEAM, EMAIL, CODE.

Pick Zero Trust security, type the team name, enter the code Cloudflare emails. It stays on by itself.

```
$ python3 bridge.py check
```

C · TALK

OPEN THE LINE.

From the floor, cityops.9brt.com/line. Pick a net code the team knows — **CITY-HALL, STREETS-2, EOC** — hold the button to talk. Radar shows every device on the net at its real bearing and distance.

03 AFTER · THE SWITCH

A · OFF

RUN DOWN.

Type **OFF** when it asks. The Line goes quiet with the floor.

```
$ python3 bridge.py down
```

B · GONE

NOTHING LEFT BEHIND.

Bridge devices signed off. Short list, profile and rules deleted. Network switches put back.

C · KEYS

REVOKE THE TOKEN.

Delete it in Cloudflare. Run **up** again any time to bring the bridge back.

What it builds: a short-list group and enrollment rule, an always-on device profile (all traffic and DNS through Cloudflare, mesh 100.96.0.0/12 open), a rule blocking 13 threat categories, and the floor's voice net (one room per net code, voice relayed, never stored). Needs python3 and curl. Nothing to install.