

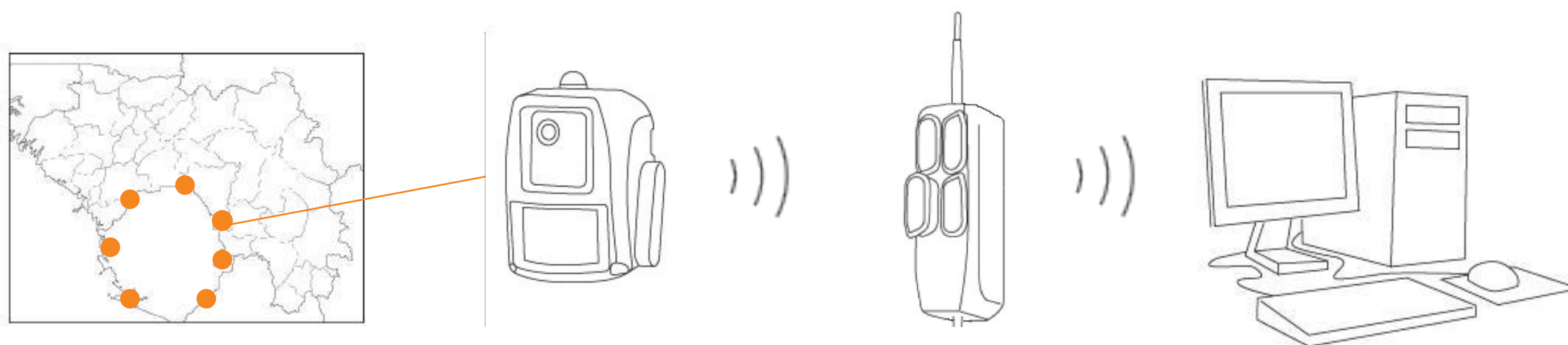
A black and white photograph of a city street corner. The main building is a multi-story structure with many windows. A sign on the building reads "FLORSHEIM" and "ESTABLISHED 1897". Scaffolding is erected along the sidewalk in front of the building. Thick white steam or smoke is rising from the ground in several places, particularly around the scaffolding and in the foreground. A striped traffic barrel is on the left. A white van is parked on the right. Pedestrians are visible on the sidewalk. The overall scene suggests a construction or renovation project in an urban environment.

Reconeyez

SYSTEM INSTALLATION

RECONEYEZ SYSTEM

ReconeyeZ is a visual surveillance system for remote areas. The system consists of 3 main components: Detector, Bridge and the Cloud UI server.



SURVEILLANCE AREA

- Remote area
- No wires or cables needed
- Wide area coverage

DETECTOR

Detector is an autonomous sensing device equipped with a battery, sensors for movement detection, HDR* cameras and a wireless communication interface

BRIDGE

Bridge forwards Detector data to the Command Center.

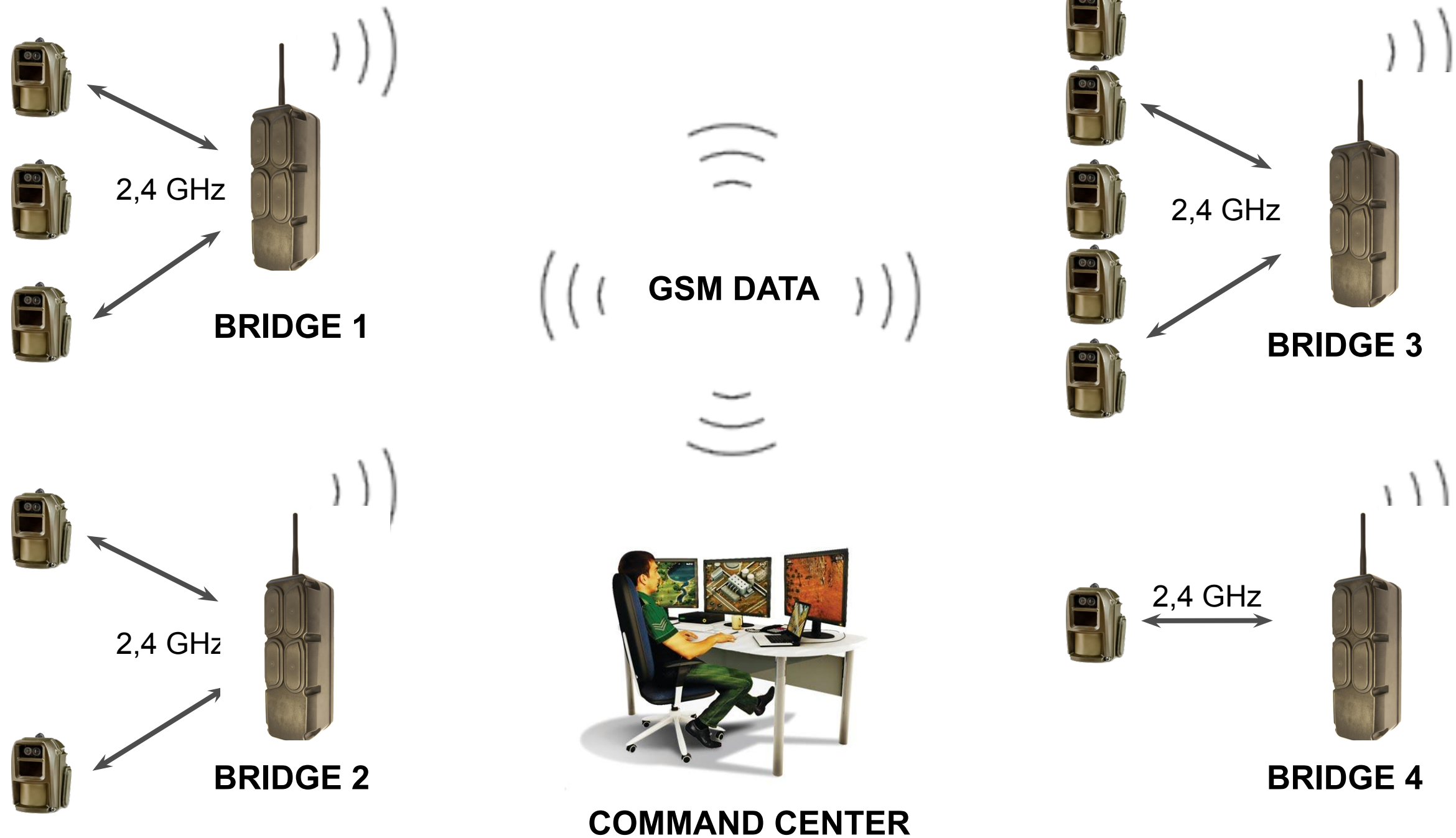
- GSM network (2G, 3G, 4G)
- Li-ion batteries
- Solar panel (optional)

COMMAND CENTER

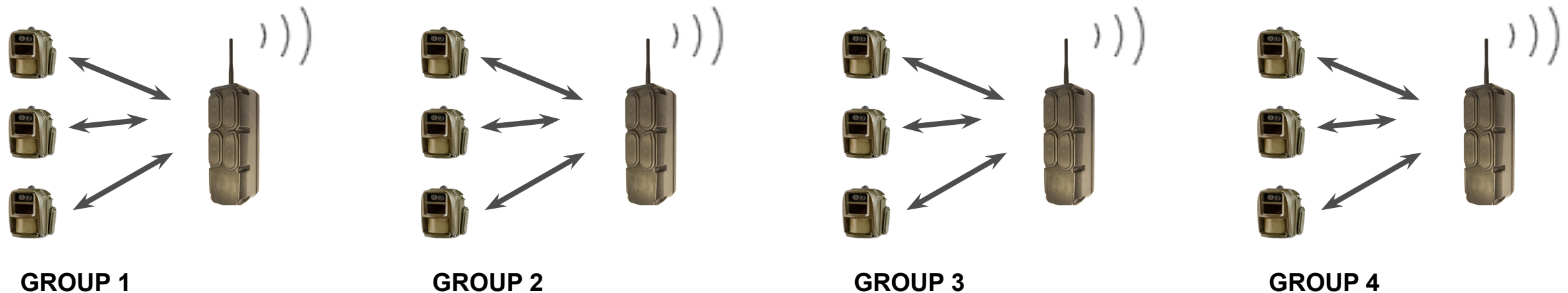
Command Center collects and stores information received from Bridges and Detectors. Command Center has web-based *User Interface* for alarm management.

*HDR – High Dynamic Range

RECON EYEZ SYSTEM



RECONEYEZ SYSTEM



Hundreds of ReconeyeZ devices can be connected to one server. The **number of Command centers and users is not limited** - secure connection to web-based user interface can be given to as many operators as necessary **regardless of their geographical location.**



COMMAND CENTER 1

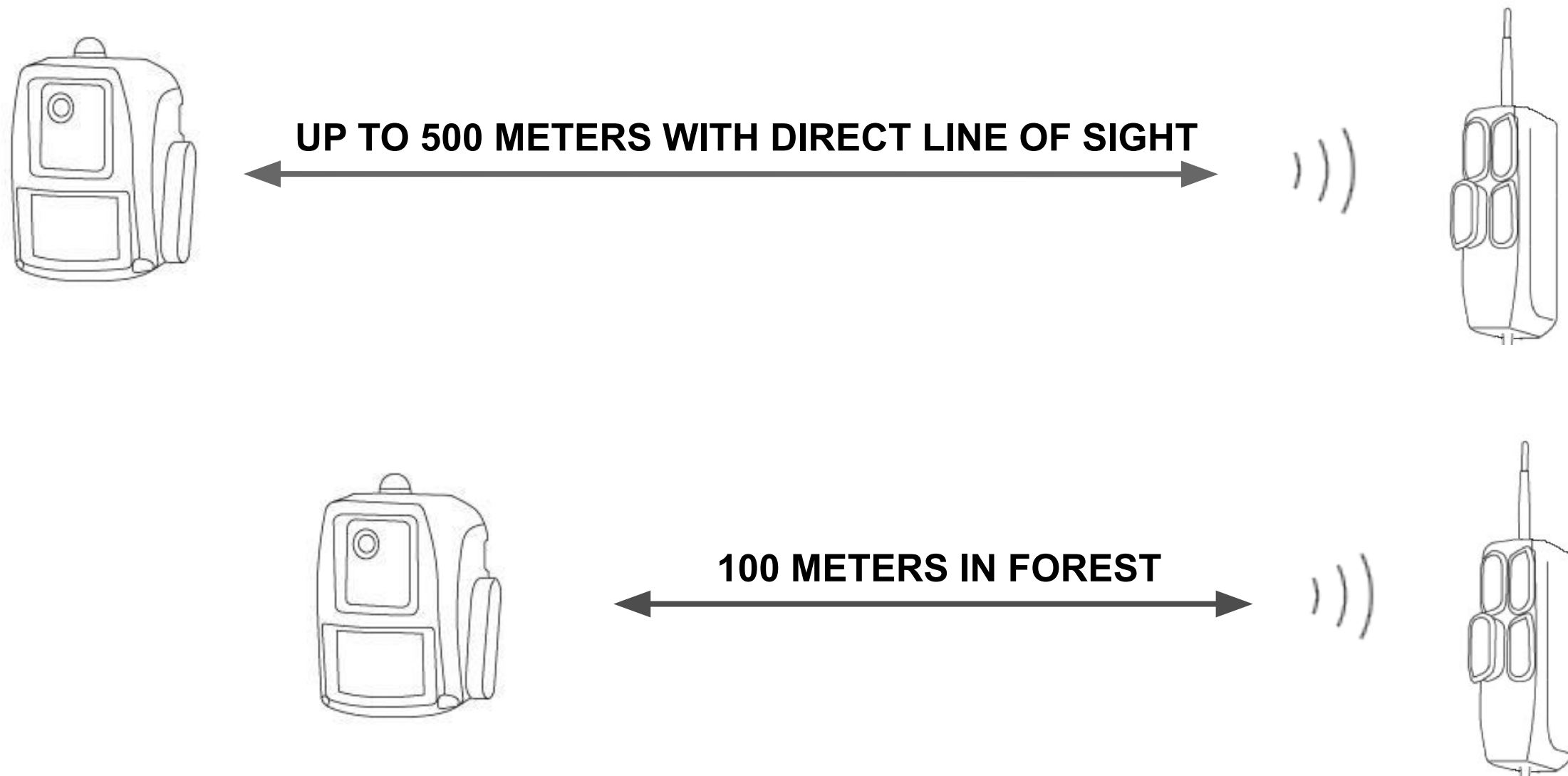


COMMAND CENTER 2

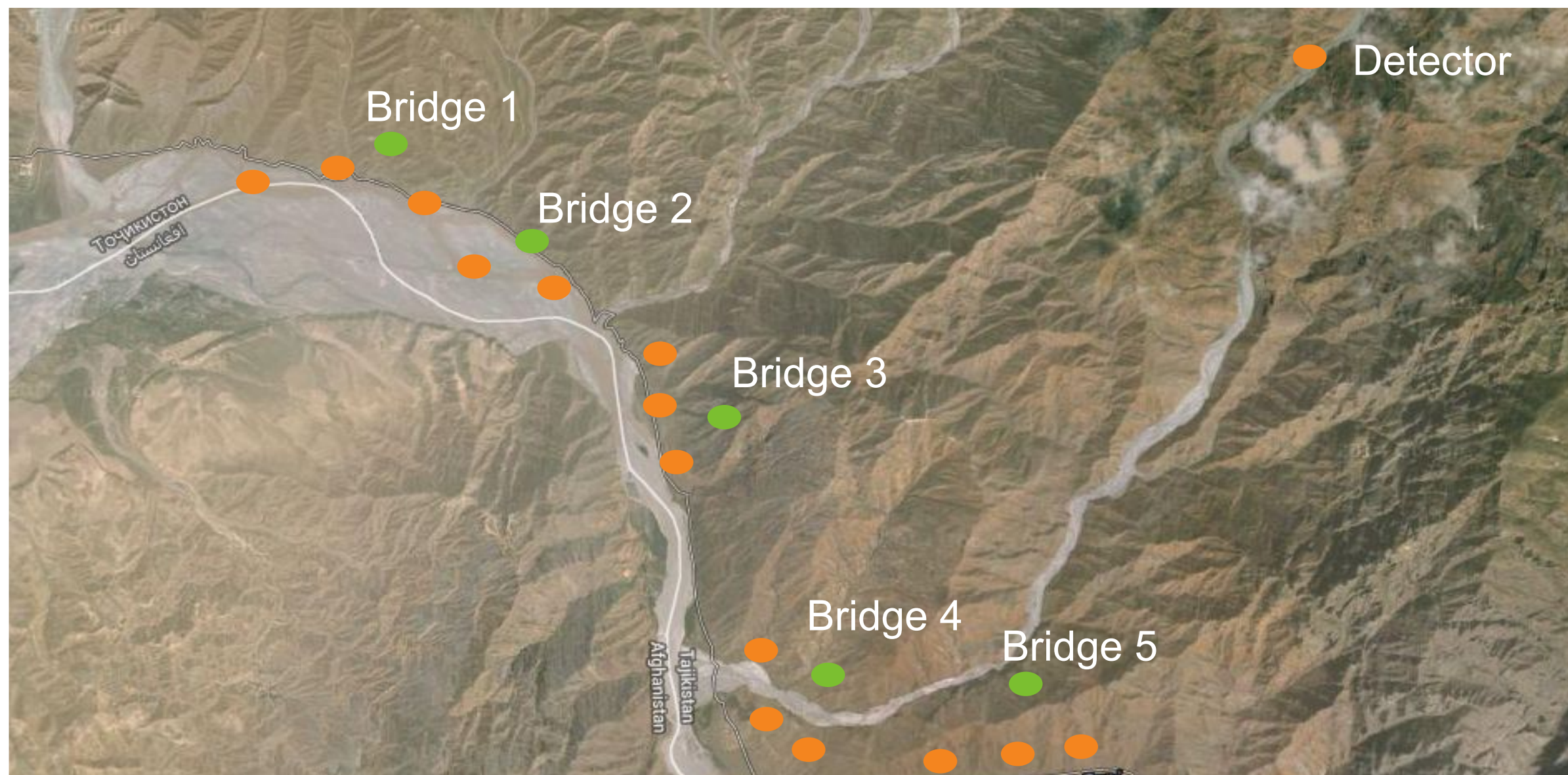


COMMAND CENTER 3

INSTALLATION: DISTANCES



INSTALLATION: DISTANCES



Distance between the Command Center and Bridges is unlimited, provided that each Bridge (mobile data) and Command Center are connected to the network (LAN, wifi etc).

As a rule tThere should be **one Bridge installed per hotspot..** Detectors should be installed around the Bridges. Install 1-8 Detectors in maximum 500 meters (if line of sight between devices) radius around the Bridge.



USER INTERFACE CONFIGURATION

All Reconeyez systems come with a **pre-configured server**.

User is provided with a **domain name** and **login name/password** that allows secure https connection to the User Interface of the server.

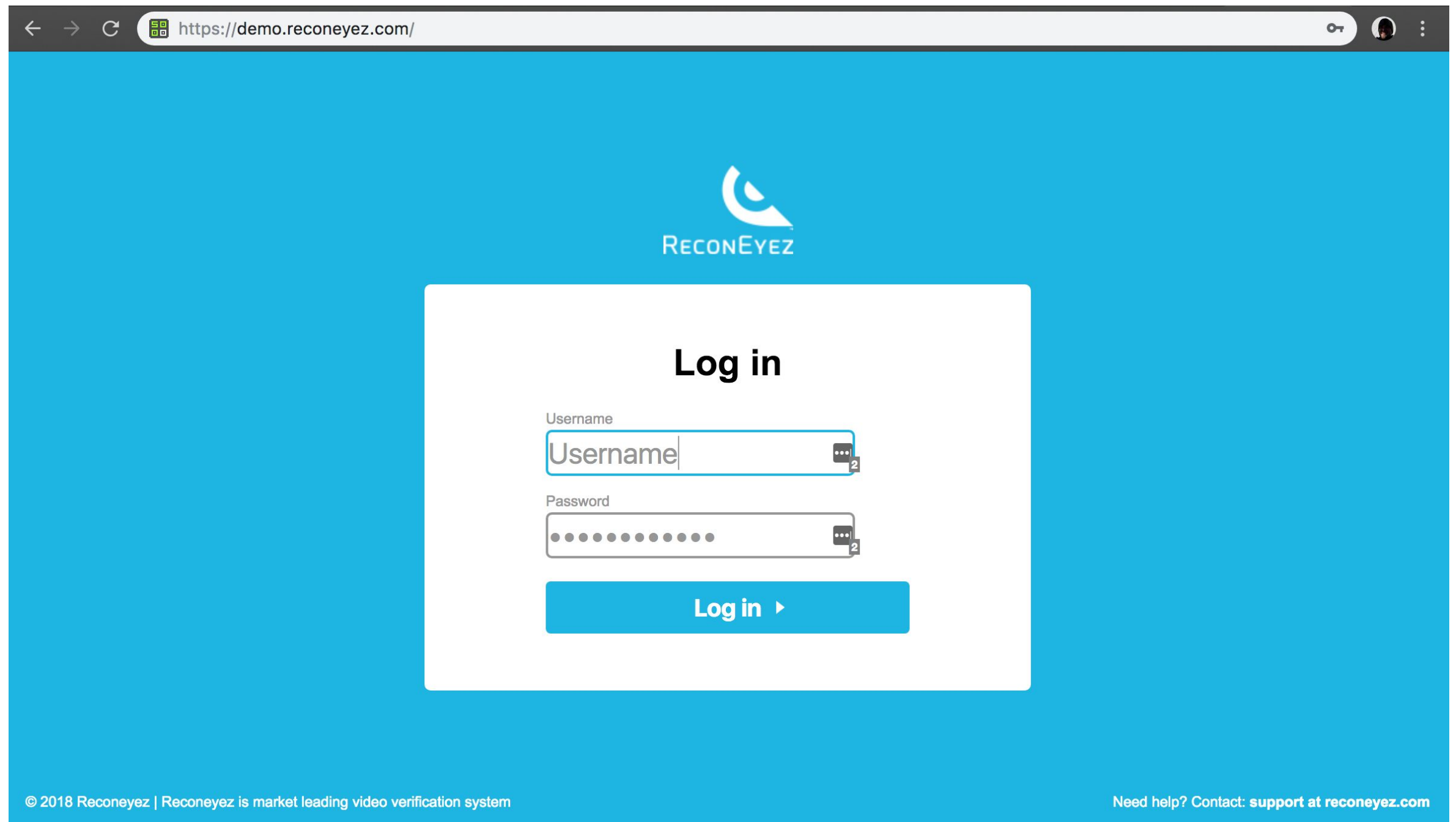
Depending on client security protocol server can be accessed from any computer, tablet or smartphone that has a network connection.





USER INTERFACE CONFIGURATION

Server User Interface (UI) is accessible from all workstations connected to the network. Please contact your local network administrator for more information.



The screenshot shows a web browser window with the URL <https://demo.reconeyez.com/>. The page has a blue background with the ReconEyeZ logo at the top center. Below the logo is a white box containing the login form. The form has the title "Log in" and two input fields: "Username" and "Password". The "Username" field contains the text "Username" and has a small icon with the number 2 next to it. The "Password" field is filled with dots and also has a small icon with the number 2 next to it. Below the input fields is a blue button with the text "Log in ►". At the bottom of the page, there is a footer with the text "© 2018 Reconeyez | Reconeyez is market leading video verification system" on the left and "Need help? Contact: [support at reconeyez.com](mailto:support@reconeyez.com)" on the right.

Log in

Username

Username

Password

Log in ►

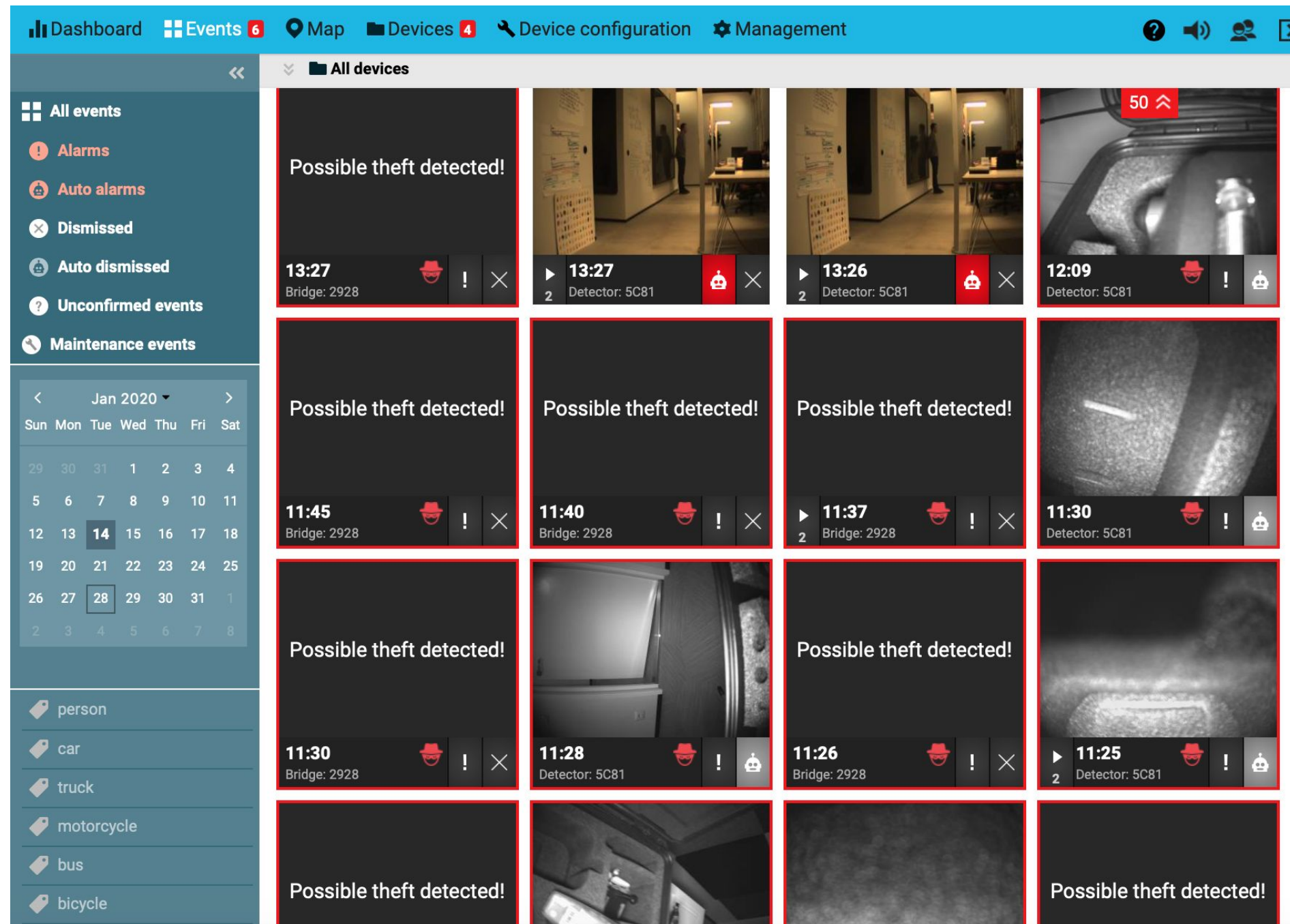
© 2018 Reconeyez | Reconeyez is market leading video verification system

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RECON EYEZ

USER INTERFACE CONFIGURATION



Command Center workstation is ready to receive and display alarms from Detectors, Bridges and Sirens.

USER INTERFACE CONFIGURATION

In the Command center
User interface:

1. Change passwords
2. Adjust time zone
3. Check that devices are activated
4. Determine device names, coordinates, area names



BEFORE INSTALLATION

Before going in the field, make sure that you have packed all necessary equipment with you and that all batteries are charged.



BEFORE INSTALLATION

Make sure that all batteries have:

- 1) Nut or security nut (optional security measure)
- 2) Seals (makes the device hermetic)
- 3) Sufficient voltage (are charged to full)



BEFORE INSTALLATION

For transportation of **Reconeyez devices** correct packaging must be used:

- **Military backpacks** with custom-made interior padding or
- Custom-made **heavy-duty pelicans**



Always pack detectors facing down to avoid damage to camera glass.

BEFORE INSTALLATION

Handheld device consists of:

1) Smartphone with a ReconEyez application

2) Connector mote

3) SIM card for Smartphone



BEFORE INSTALLATION

The main purpose of the Handheld unit is to:

- Configure Bridge to connect to Mobile network
- Measure Mobile signal of the Bridge;
- Request a test photo from the Detector to check motion (PIR) sensor coverage
- Measure signal quality between detector and bridge



BEFORE INSTALLATION

In order to use Handheld the following functions must be activated on the smartphone/tablet:

- Bluetooth
- GPS/ Location
- Internet (either Wifi or Mobile data) - optional

NB! 3.16 app requires SIM card!

NB! Google Play Services must be updated in your Android device if the GPS function does not work.



BRIDGE INSTALLATION



BRIDGE INSTALLATION: SIM CARD

Before going in the field for an installation of ReconeyeZ devices, it is necessary to **insert a SIM card** into the Bridge and **perform a connectivity test**.

SIM card requirements:

- should have good Mobile coverage in the area of installation;
- should be ordinary data SIM without any limitations;
- should have at least 1 GB monthly data plan;
- should have the PIN request deactivated;
- should come with the APN (Access Point Name) from the Mobile operator company – this is needed for Bridge configuration.
- should be preactivated and topped up



BRIDGE INSTALLATION: SIM CARD

To insert a SIM card, the upper left battery slot must be empty. After inserting a SIM card, insert all 4 batteries and fasten with nuts.

NB! Antennas must be attached to the Bridge before inserting batteries!

