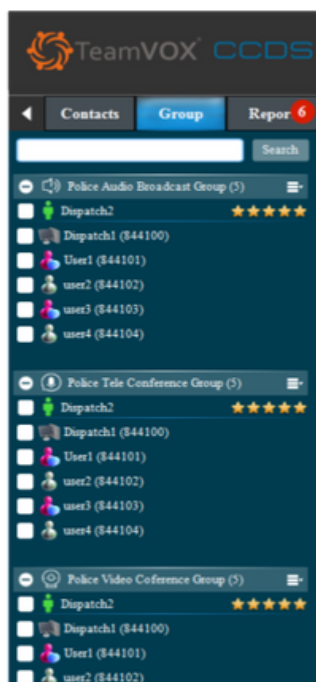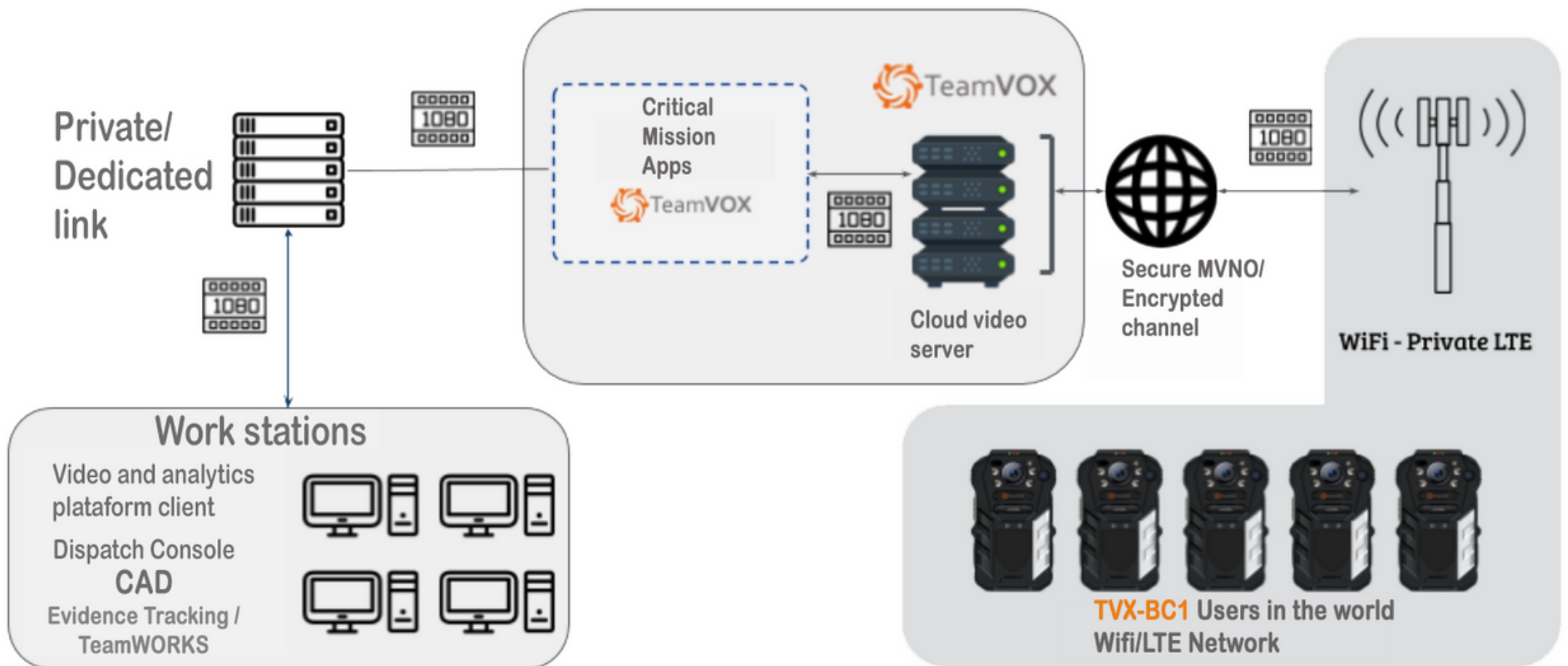# TVX-CCDS

The TVX-CCDS is an Image and Video Evidence Management platform. Field operators carrying a TeamVOX TVXBC1 body camera capture in field procedures and events that are then sent wirelessly or downloaded to a workstation where content is then uploaded to the organizations private cloud from where, using the TVX CCDS platform, it can be then viewed, reviewed, saved, managed, shared and/or analyzed. Expandable up to 25,000 body cameras*, this platform´s mission is to allow the user to monitor in real time the workforce´s tasks on the field through secure video and audio communications. Users are able to remotely activate some of the TVX-BC1 camera functions, manage it´s content, even download video/audio clips without intervention from the field operator. It also features the TeamVOX POC radio system that allows immediate voice interaction between team members. This Push to Talk over cellular network solution features a dispatch consoles and dynamically encrypted recording system, which guarantees the security of communications and sensible exchange of exchange information.

*(may require increased server capacity)

## Content Transmission topology over the mobile data network



Private/ Dedicated link

1080

Critical Mission Apps

TeamVOX

TeamVOX

1080

Cloud video server

Secure MVNO/ Encrypted channel

1080

WiFi - Private LTE

**Work stations**

Video and analytics plataform client

Dispatch Console **CAD**

Evidence Tracking / TeamWORKS

**TVX-BC1** Users in the world **Wifi/LTE Network**



The platform has a user management level that is administered under a license that includes all network assets (Terminals, users, databases, etc.) under a security scheme to prevent unauthorized access. The management is carried out by a web service from any part of the network and assigns privileges to the users of the system depending on their role in the organization (Supervisors, Reviewers, etc.) that allows to save evidence locally or remotely.

The platform has a geo-reference system that allows easy access to field operations, device management and immediate communication with users to inform the operational needs of the mission. The body cameras are perfectly adapted to the platform so that the operator can have remote control of it in an emergency, can open the microphone, record clips, activate the emergency strobe light, and more.

It allows to classify, in a clear and organized way, the evidences files, which are generated from the different sources that connect to it, with the possibility of adding tags (metadata) to users to facilitate their search and review on the platform. Review Users can search by tags like Data, location, groups, etc.

Although it has a wide variety of functions, the operation of the system is really simple and friendly, since we use graphical interfaces at all times to simplify interaction with the platform and access to information. You can also make video conferences with the members of the group you want, push-to video to send the video in real time from any device on the network to one or more elements at the same time, thereby achieving a high level to knowledge of the environment to make the best decisions based on the sources of information available at the time.

The platform offers to the managers the possibility of check the activity of its users, offering the detail of each user or workstation in exportable files for analysis locally or remotely, and supports redundancy support and the mechanism of load balance for reliability.

The system allows user manager to create groups of users and roles in the organization in a hierarchical manner to adapt to the way companies are organized. Permissions may vary depending on the user and their participation in the network. Users can be modified without the need to recreate or delete them if required. The platform allows you to view the status of the servers, where the services are installed, as well as the historical alarms generated by each server.

As additional functionality, all cameras can be managed in distributed workstations, which allow local backups, free storage, update applications, check devices, etc. The protection of the information is guaranteed from the moment it is generated. The system supports continuous recording and maintains up to 30s of recording before and after the generation of a video clip. It has night vision functions with 4 infrared lamps that allow you to run facial recognition applications even in such conditions. It has a laser pointer that allows the user to know exactly where the main lens of the camera is pointing when recording his video-evidence clips that later serve to justify actions taken in the line of duty.

**This device has been optimized to run the following application: TeamVOX PTT**

**Authorized Distributor:**