



NSC3TM

**MEDIA BROADCASTING AND MANAGEMENT
SOLUTION FOR PROFESSIONALS**

SCALABLE & SECURED

SERVICE DESCRIPTION

Healthcare

1. Overview

The NSC3 Solution is a SaaS based system to improve crisis management. It offers cooperation between authorities, general work safety and proficiency.

The NSC3 Solution consists of a web browser based WebApp application and client applications running on mobile devices, drones and IoT devices.

All data transmissions (video, photos, sound, messaging) between applications are prompt and fully encrypted.

2. NSC3 WebApp

The NSC WebApp is the main body and communications hub, operated by e.g. operation leaders, responsible doctors and officers in field. The only system requirement for WebApp is an up-to-date web browser (Chrome, Firefox, MS Edge).

WebApp users (doctors) will observe video streams and photos from mobile applications in real time as well as send and receive written messages (Chat) and voice (Click to talk) with other first aid units in the field.

The administrator creates organizations, in which he/she creates one user as a Controller. The Controller creates additional users, Viewers along with missions, which allow users (doctors and first aid units) to communicate with each other.

One example of the healthcare organization is a Primary care center, where one doctor acts as the Controller and other personnel are Viewers.

A Mission is e.g. a single first aid task, where a real time video connection is needed. Viewer may be either a mobile user or WebApp user having access to mission groups. The permission to groups can only be granted by the Controller.

3. NSC3 MobileApp

The MobileApp is a client application for mobile devices (iOS, Android) allowing mobile users (e.g. paramedics) to send and receive audio, video, voice messages (Click to Talk), text messages (Chat) and images from and to other mobile users and WebApp users inside the mission. All in real time.

Mobile users connect to the system by either manually entering server address and credentials or by reading a QR code and entering credentials given by the Controller.

4. Server and communication services

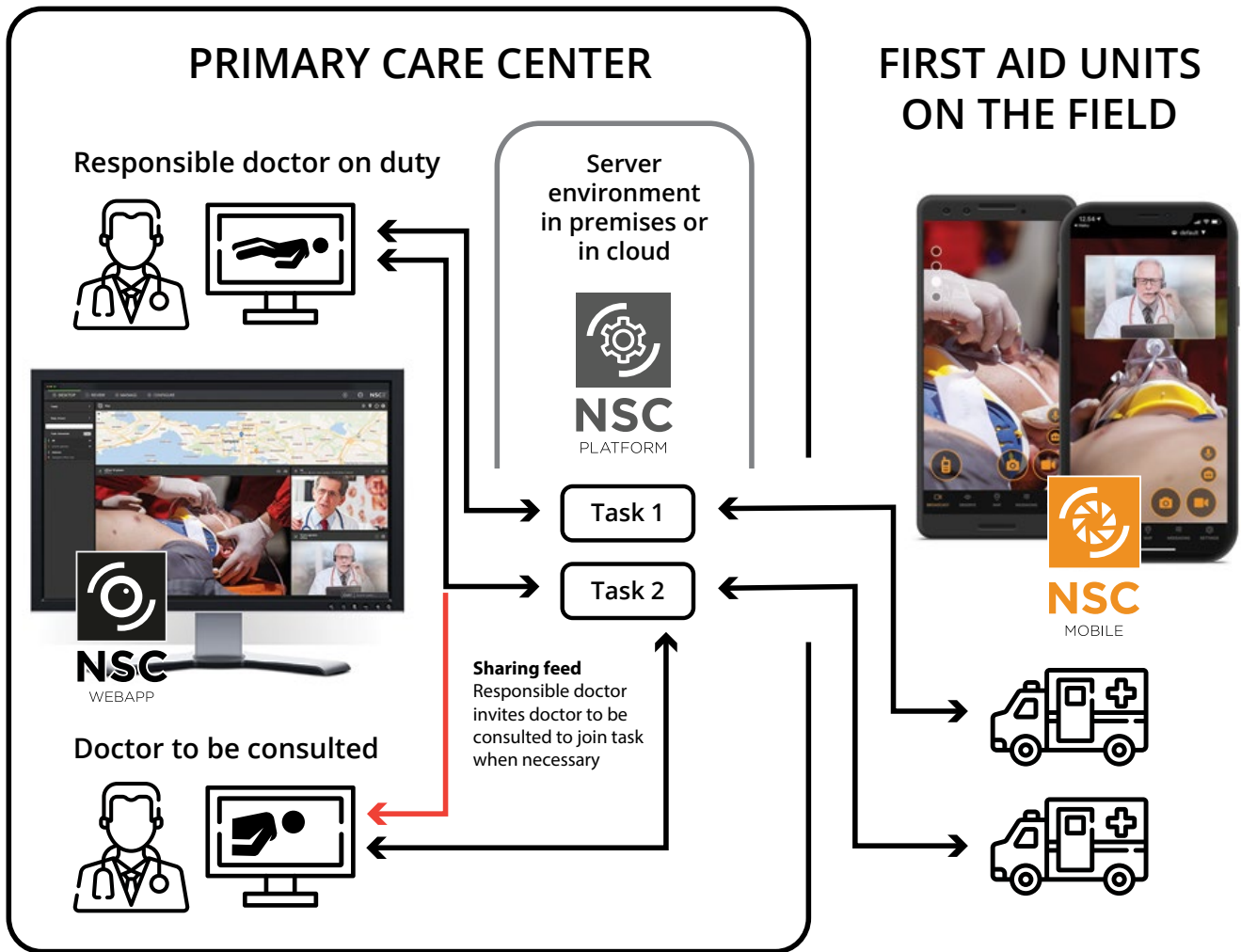
The NSC3 Platform is hosted in a customer preferred service platform equivalent to AWS or Azure, on-premises by the customer or through NSION as a part of the service agreement.

Communication between nodes is handled through end-users mobile and data network operators. This is fully controlled and managed by the end-user organization.

All data transmitted in the system is automatically recorded for the time chosen by the end-user organization. Images, videos and audio files can be exported for permanent storage.

5. Task management and setting up for operations

When the system setup is done the controller will build up the organization's taxonomy that refers to the current organization. Each paramedic unit is equal to one task in the system. The controller can also arrange different multi-unit tasks.



TASK 1

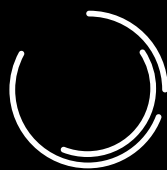
1. First aid unit consults responsible doctor
2. Responsible doctor opens a task to the NSC3 System and gets realtime information about patient's state and gives needed instructions to first aid unit
3. First aid unit goes to standby to await a new task

TASK 2

1. First aid unit consults responsible doctor
2. Responsible doctor opens a task to the NSC3 System and adds another doctor to be consulted to the task
3. Doctors who are joined to task gets realtime information about patient's state and are able to define directly correct place for coming treatment

TASK 3

1. First aid unit consults field supervisor
2. Field supervisor opens a task to the NSC3 System and gets needed realtime video from target and gives needed instructions to first aid unit
3. First aid unit goes to standby to await a new task



NSION

TECHNOLOGIES

NSION is a major technology innovator in the growing sector of government related high security video and data management market. One of the biggest challenges is to optimize data security and speed in video data transferring in complex life critical field operations. NSION solves the problems with a unique high throughput platform, which enables modular integration of command and control systems to multiple different video production technologies.