

TSF DIGITAL SIGNAGE SYSTEM Technical Datasheet



After fleeing their homes due to ongoing conflict or extreme poverty, refugees and internally displaced people around the world often find refuge in camps with only basic needs answered to and minimal access to information. Télécoms Sans Frontières (TSF), leading NGO in emergency telecoms and new technologies, has designed a digital solution to display up-to-date information that is easy to adapt and to translate into different languages.

TSF's **Digital Signage System** consists in installing TV screens at key strategic locations where populations will gather. These locations include distribution sites, screening sites and any other common area where camp residents spend time regularly.

Features
Services <ul style="list-style-type: none"> Dissemination of information on TV screens Remote control of TV screens Multiple users Technical <ul style="list-style-type: none"> Remote management Autonomous systems Multi-screens display Bandwidth efficient
Specifications
Softwares: Linux, Apache2, impressive Digital format: PDF files Server: managed by TSF Security: authentication, HTTPS



The system takes advantage of TSF's Internet connections and Wi-Fi network to connect the screens to the cloud, allowing remote access to manage and update the content of the information displayed in real time without needing to access each TV physically. Screens can be turned on and off remotely. In case of electricity outage, display will resume automatically when power comes back up.

Partner organizations can use the web interface from anywhere in the world to upload the information they want to share directly on the screens. Information will take form of PDF slideshows. Slideshows present the advantage of being light-weight file (bandwidth efficient), allowing clear, multi-language, visual messages to be displayed.

Télécoms Sans Frontières (TSF) is a leading NGO specialised in emergency telecommunications and new technologies. TSF intervenes across the globe in conflict zones and areas hit by natural disasters and works amongst both affected populations and aid organisations, putting the communication at the forefront of its efforts using ICT and telecoms material in order to benefit those who need it most.

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