

LIVE STREAMING OF RELIGIOUS SERVICES

SUMMARY

For many people across the world, religion plays an important part in their daily lives and identities. It is also commonly regarded as consisting of the way people deal with ultimate concerns about their lives and their fate. Religion is very important in local communities, because people can interact directly with local religion leader and have a stronger relationship between people living in that community.

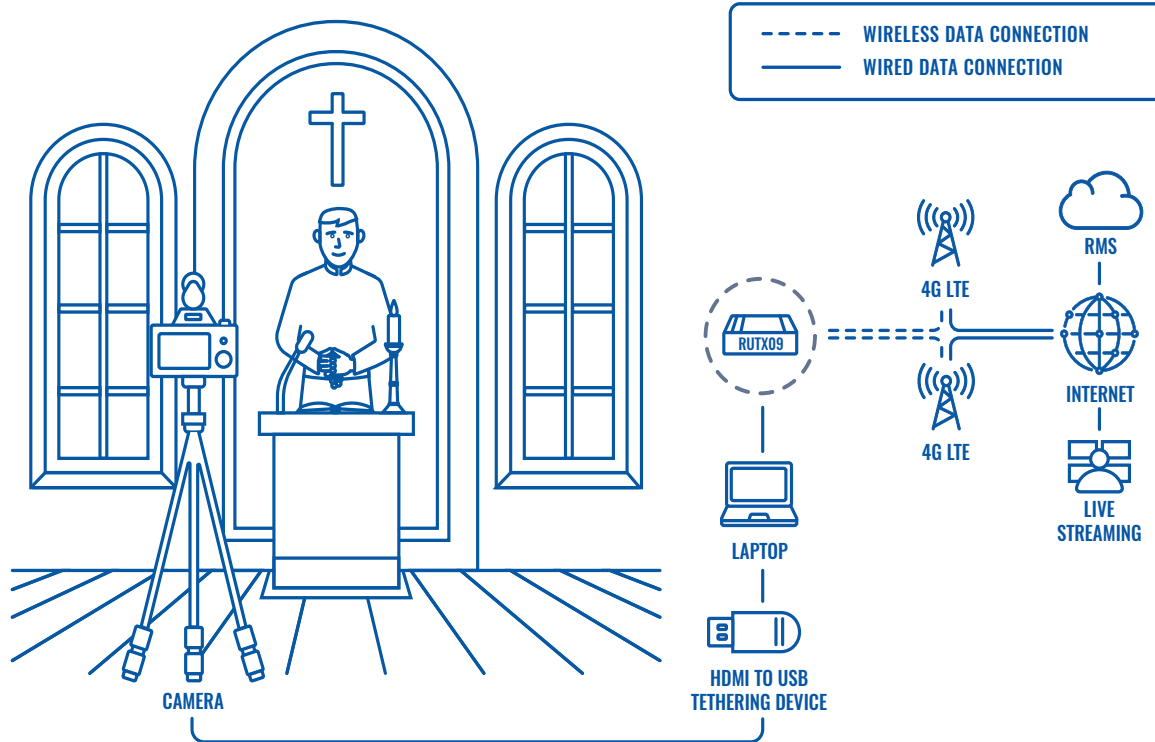
CHALLENGE

In many countries around the globe, people are living under quarantine conditions. Therefore all prayer homes are closed, and people are unable to gather and socialize in local church communities. Now, when faith is more important than ever, many religious people are struggling to cope and abandon their habits of meeting families, friends, and likeminded people in the house of prayer. However, technology can help in this situation by building virtual bridges between priests or pastors and their local church communities. Video cameras, simple laptops are easily accessible; however, to transport religious experience into the virtual realm and everybody's homes – one key component is missing – reliable and easy to deploy connectivity to the Internet.

SOLUTION

As presented in the topology, the solution focuses on live video streaming of holy Mass in the churches. The solution consists of equipment that requires minimal human interaction: a camera, an HDMI to USB tethering device, a laptop, and one of our RUTX09 professional cellular routers. Most DSLR cameras can offer excellent video quality.

TOPOLOGY



However, they are not designed to act as a live streaming device. With HDMI to USB tethering device, the laptop recognizes the camera as it would a webcam – allowing even 4K quality streams. The RUTX09 was chosen for this solution because of a very capable 4G LTE CAT 6 mobile module, which can provide reliable connectivity with speed up to 300 Mbps. Besides, you have the freedom to mount the router where best cellular signal is reachable and connect to the laptop using Dual Band WiFi. Dual SIM functionality with Auto Failover allows leveraging the connection between two mobile operators to keep the live stream in case of any signal drops. Equally important in this solution is to make it plug and play, with RUTX09 paired with our Remote Management System (RMS), it is possible to configure the router or multiple routers remotely and simply send them out to different locations. Even people with no or little technical know-how will have no problem enabling their cellular connectivity with RUTX09.

BENEFITS

- Performance – RUTX09 with LTE CAT 6 cellular module provides speeds up to 300 Mbps.
- Functionality – 2 SIM card slots, provides flexibility to choose between different mobile operators in different areas.
- Live Video Streaming – minimizes the social distancing and enables to connect with local religion leaders.
- Easy Management – Remote Management System allows to efficiently upload FW or change settings in a single-window configuration even for a vast fleet of routers.

WHY TELTONIKA?

RUTX09 rugged router offers a high bandwidth of up to 300 Mbps, with 2 SIM card slots. It is powerful yet easy to deploy and is capable of providing high cellular data speeds. The router is compatible with Teltonika RMS, which allows you to manage and monitor all Teltonika Networks devices conveniently and remotely.

