

Radio Station Live Stream

configuration | 4 Camera radio/video production system

Live Streaming / Video Production



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PTZOptics | 152 Robbins Rd | Downingtown, PA | 19335 USA | PTZOptics.com



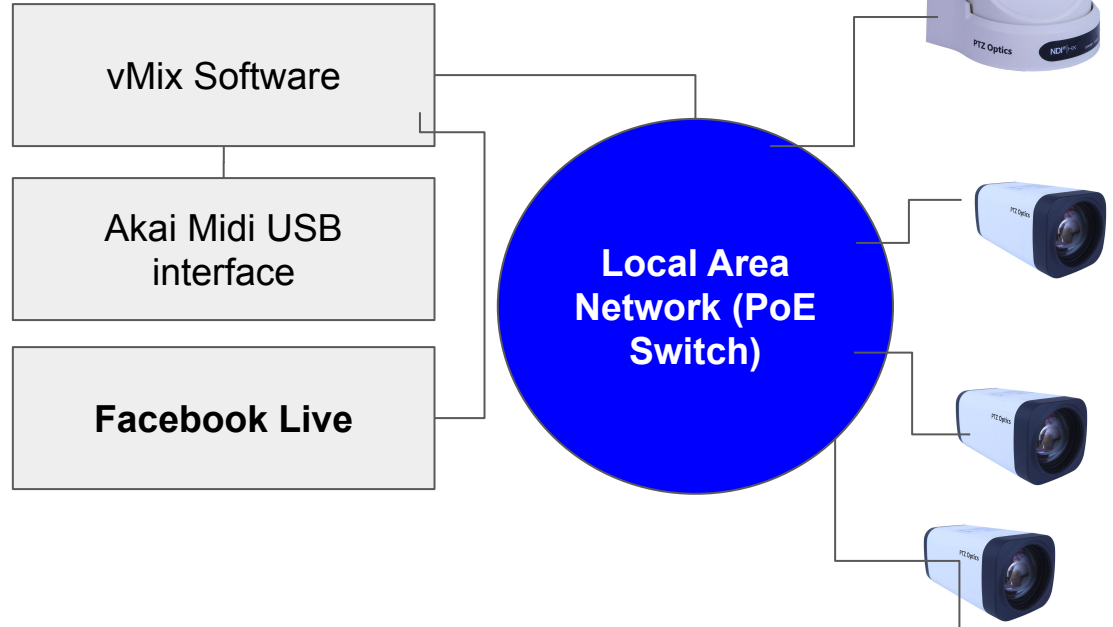
Application Diagram

Live Streaming Configuration

4 Camera System

Includes:

- (1) Custom Computer Switching System
- (1) vMix Software
- (1) PoE Network Switch
- (3) PTZOptics 12X-ZCams
- (1) PTZOptics 12X-NDI (PTZ)
- (1) AKAI MIDI USB interface



About the project

Radio is an amazing medium, “Truly we reach so many people” says Shawn Tempesta the host of Mix 94.1’s afternoon show. Tempesta explains, in his studio tour video available on YouTube that “The one problem is... in a digital world, there is no such thing as viral audio.” Motivated to grow his show’s presence online, Tempesta designed a live streaming studio using (4) four PTZOptics NDI cameras. (3) Three PTZOptics 12X-ZCam cameras are used to produce high quality close up shots of each host and (1) one PTZOptics 12X-NDI PTZ camera is used to capture additional shots of the entire studio.



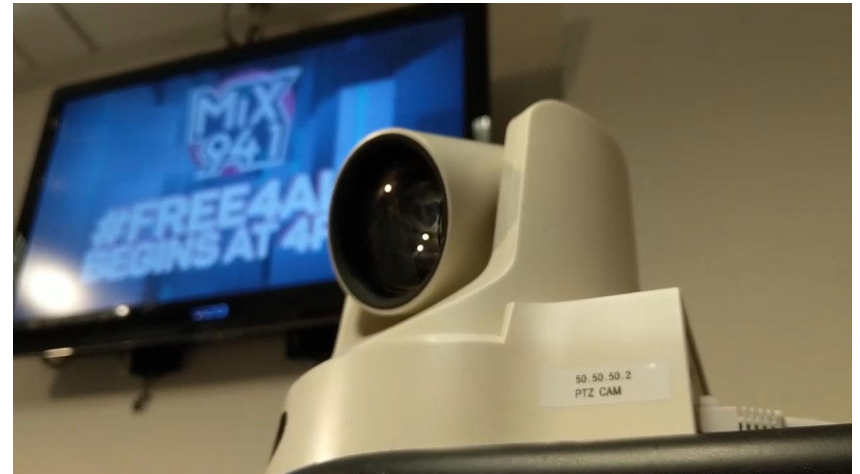
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Studio Design

Shawn has a setup that rivals traditional television. The beauty is that Shawn was able to purchase the entire system himself. This case study shows what one creative person can do on a budget to help promote their radio show. As you can see above each camera is only connected via a single Ethernet cable. Shawn sets up his streaming system every day because he owns it. Therefore each camera needed to be easy to setup and operate.



Technology Overview

- PTZOptics 12X-ZCAM NDI Cameras These cameras provide a high-quality NDI video feed to vMix which is used as the studios streaming software.
- PTZOptics 12X-NDI-WH This PTZ camera is used to produce wide-angle shots of the entire studio during the broadcast.
- AKAI USB MIDI Interface This USB MIDI interface is used to control vMix the live streaming software.

