



2016

Production Server – Basement Studio. Our current NewTek server was originally deployed at our previous studio location in 2005. While this unit is currently serving our needs well, it is anticipated to be at or beyond end-of-life in a couple years. The server will not only be obsolete from a functionality standpoint, it will have seen a ten year life, which is substantial for any computer equipment. We are looking to replace this unit with a new NewTek solution, which would offer improved reliability, increased storage, and the ability to produce programming in high definition. Additionally, this server runs on a WindowsXP platform, which is no longer supported by Microsoft as of 2014. If deemed a security risk, we may have to cease utilizing the on-line features of this device.

Estimated cost: \$24,990

2016

Playback / Message Board Server. Our existing server was deployed in 2008. While this unit currently serves our basic needs, we are looking to eventually upgrade to a more modern product. The current solutions offered by TightRope Media Systems would provide us with the following enhancements:

- Improved ease of use, through web-based console. This would allow us to easily post messages and update the playback schedule from remote locations. The user management features would allow us to designate access to these functions to emergency personnel, department heads, and their designees as needed.
- Enhanced schedule functions. The Tightrope solutions offer a day-to-day schedule, instead of a generic 7 day template. We would gain the ability to make scheduling decisions months ahead of time, and automatically rotate weekly/monthly episodes of our regular programs.
- Turn-key website content. Tightrope Servers generate automatic online program guides, which would be embedded on our website, as well as the Town's website. Additionally, messages posted on Channels 17 and 23 would also be accessible online.
- Provide Increased Storage. Our current server regularly approaches its maximum storage capacity. The new server would allow us to maintain and occasionally replay more of our older programs.

✓ **Estimated cost: \$40,000**

2017

Library Facility Enhancements. PlaistowAccess is in early discussions with PPL as to how to improve the quality of programming originating at the library facility. We are looking to make this a more user friendly setup, with the ability to put out higher quality programs with less setup time. We would also look to provide dedicated equipment at this site. While we (cable) would provide funds for wiring and equipment, we are looking for PPL to assist us in providing space and visual enhancements as needed.

Estimated cost: \$15,000

Remote Broadcast Functionality. Currently, we only have the ability to broadcast live from Town Hall, and from Plaistow Public Library. While our broadcast infrastructure is being upgraded at Town Hall in 2014, we still retain an analog/coax link from the Public Library. We would like to consider various options to provide a reliable digital/HD connection from various locations back to Town Hall. Considerations currently include:

- Replacing transmission equipment to send video digitally from PPL to Town Hall, using existing coax connection, if possible.
- Utilizing existing data connections from within various town facilities, including PPL, to transmit video back to Town Hall for broadcast.
- Equipment to transmit video from “any” location with an existing Internet connection, to Town Hall.
- Equipment to transmit video via cellphone/smartphone, to Town Hall, from anywhere with reliable cellular/data service.

Estimated cost: \$7,500 (note that this is a rapidly changing technology. Estimate to be updated to reflect options being considered)

2018

HD Broadcast Equipment and 3rd Floor Production Equipment. In order to televise government meetings in High Definition, our 2nd/3rd Floor operations will need to be updated to HD capabilities. This will require replacing the camera control interface and 4 PTZ cameras. Existing cameras were installed c. 2005, and will be approaching 12+ years of use by this time. A recently installed Production Switcher is already HD-ready. In order to broadcast in HD, we may also need to purchase transmitter/encoder equipment to send our signal to the cable company.

Estimated cost: \$30,000

2019

Basement Studio Expansion. As our station and programming grows, we will have additional space needs. We are looking to take the remaining unfinished basement area which is reasonably viable for renovation. This additional space would provide a clean and safe storage area for equipment and props. As the studio becomes more publically utilized, we will also need a secure office area, which would be separate from the common areas frequented by producers, volunteers, and visitors.

Estimated cost: \$20,000

2020

New Microphones for Town Hall. Explore replacing microphones at Town Hall; wireless systems to be considered. Existing microphone set would be re-deployed to other locations.

Estimated Cost: \$10,000

Safety Complex Presence. With expansion/renovations proposed for PPD/PFD facility, there is a desire to be able to record events and broadcast meetings from a general purpose room at this location. While some existing resources may be redeployed to this site, there will be significant wiring and infrastructure needs for this location. As further details are known in regards to how the site would be utilized, equipment details would be provided.

Estimated Cost: \$30,000