

## Guidelines for adding local content to a COM1000 system

It may be desired to add local content to the channel ring of a property for various reasons. Some examples of local content that can be added include:

- Security Cameras
- Hotel Services Channel/Video
- Local Business Information
- Local Weather

Regardless of what the content is, to get it into the QAM and put it on the channel ring the content will be delivered via Ethernet and the format will be single program transport stream, mpeg2 or mpeg4. There are several ways to generate a single program transport stream, they include:

- IP cameras (output is already Ethernet transport stream)
- PC software such as VLC streaming a video file to the network
- Analog sources being converted to IP transport stream with other devices such as an AVN200, AVN441

Once you have the single program transport stream that you wish to add to the channel lineup you need to route it to the QAM. The first consideration is bandwidth. If you are routing a very low bandwidth stream you can bring it into the system via the management port. If you are routing multiple streams or have high bandwidth streams you will need to put a GbE1 card in slot 1 of the chassis to access a second gigabit speed Ethernet connection that is available via the slot 1 interface. The QAM is already using the primary gigabit interface.

The data will need to be routed to the QAM using the same IP address and port scheme that is used to assign content from the satellite cards to specific QAM channels. For a chassis with an ID of 1 the default QAM IP address will be 192.168.6.2. The port value is used to determine which RF major-minor the data is sent to. The port for the first QAM RF channel - first sub channel is 17. So to send the data to the QAM to be put on that channel the IP address to use is 192.168.6.2:17.

That is all there is to it. If the content is in the correct format and you have routed it properly to the QAM it will be on the desired channel on the RF plant.

For more information about the COM1000 system please check our website. [www.technicolor.com/mcs](http://www.technicolor.com/mcs)