

CONTENT DISTRIBUTION OVERVIEW

TRN's production facility will receive and produce the video and audio content for the MARTA system. From this facility, TRN will send MARTA's video and audio content through a broadband connection to the Line Distribution Points (LDP). The LDPs will continuously receive the content, store and then wirelessly transmit the content, at specific periods throughout the day, to the VMC. The VMC is located inside of each married pair and is connected to a coaxial wiring infrastructure. The VMC receives the updated content and at a specific time, stops playing the old content and begins playing the new content. The VMC transmits the video content using a video distribution hub which is hard wired to each video display. The audio content is transmitted from the VMC through the coaxial infrastructure to audio transmission antennas in the married pair, where the content is transmitted to the passengers' personal FM radios or cell phones.

This process is repeated throughout the day and does not require any operational assistance or support from MARTA. The VMCs are intended to be modular by design. The components are small stainless steel enclosures that can be mounted at a variety of angles and various surfaces. TRN equipment will not interfere with MARTA's communications.

