

Specifications for FAC64 MBHSR Camera Controls and Legacy Server Retirement

Purpose: Provide a convenient view of an incident by tilting and panning a nearby camera toward the incident. If the camera is not in immediate use, footage of the incident will still be recorded.

Method: FATPOT will provide capabilities within the fusionPLATFORM to set up automated positioning of relevant pan, tilt, zoom (PTZ) using capabilities already provided by FLIR camera API. Initial discovery has been made to confirm that the camera vendor (FLIR) has a mature interface to make this possible. Cameras in the Boston region are mostly divided into two capability sets:

- Absolute positioning
- Relative positioning

The application/interface will enable the viewer to pan, tilt, zoom PTZ any camera within the GPS coordinates or Geo-coded address information of a 911 call, or any type of call filter used to trigger the camera. This will automate the camera to PTZ into the area of the incident, without any human interaction.

Platform: FATPOT will develop to FLIRs Video Management System (VMS) interface. There is a VMS server in each city. For incidents that are geo verified (a lat/long is provided), FATPOT will develop logic to translate location data to a PTZ coordinate for any camera that may have that incident within view.

FLIR users will always have priority to control the cameras.

Legacy Server Retirement: Legacy FATPOT servers are retired, taken out of service and replaced. The 10 agency servers will need their CAD adapters reengineered and migrated over to be able to communicate with the fusionPLATFORM environment.