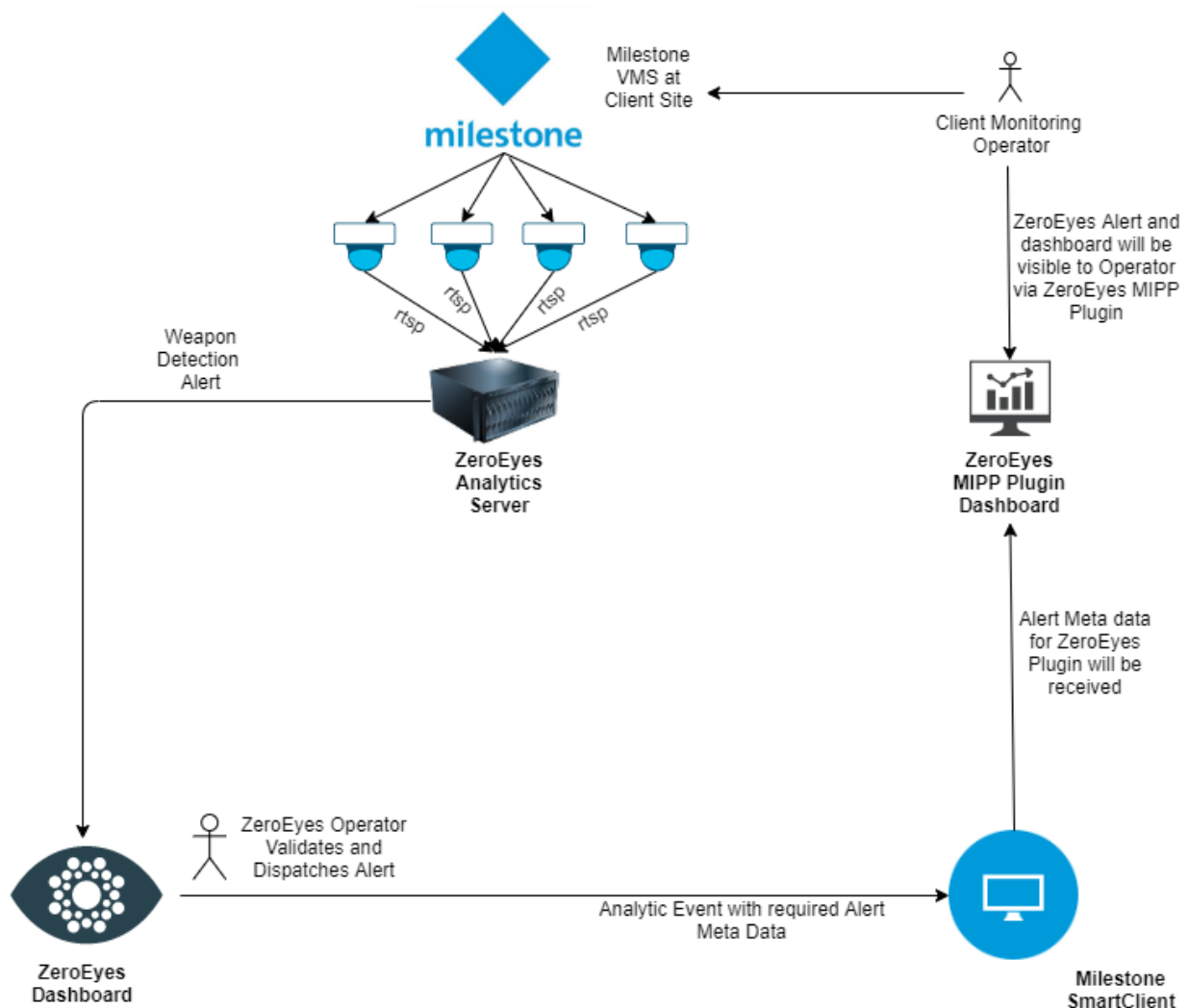# Architecture Diagram

High Level Architecture Diagram for Integration between ZeroEyes and Milestone systems.

Architecture Components:

- Milestone VMS
- ZeroEyes Analytics Server
- ZeroEyes Monitoring Dashboard
- MileStone Smart Client
- ZeroEyes MIPP Plugin for SmartClient

Event/Data Flow:

- Client Camera managed by Milestone VMS will be accessed by ZeroEyes Analytics server via rtsp protocol.
- ZeroEyes Analytics server will continuously analyze live camera feeds. When Analytics server detects any gun then it generates alert and sends it to ZeroEyes monitoring dashboard
- ZeroEyes monitoring operator will validate the alert received on monitoring dashboard . This alert if found valid will be dispatched
- Dispatch operation creates Analytic Event object compatible with Milestone Smart Client.
- ZeroEyes Plugin on Milestone Smart client will receive alert image and meta data with which it will display the alert image and ZeroEyes Dashboard on the plugin.