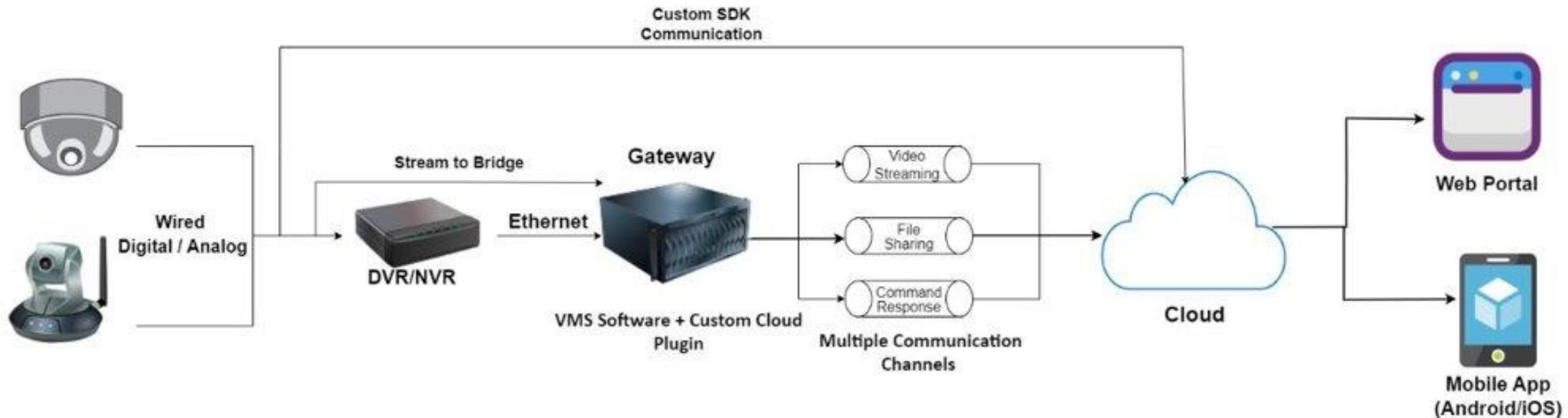
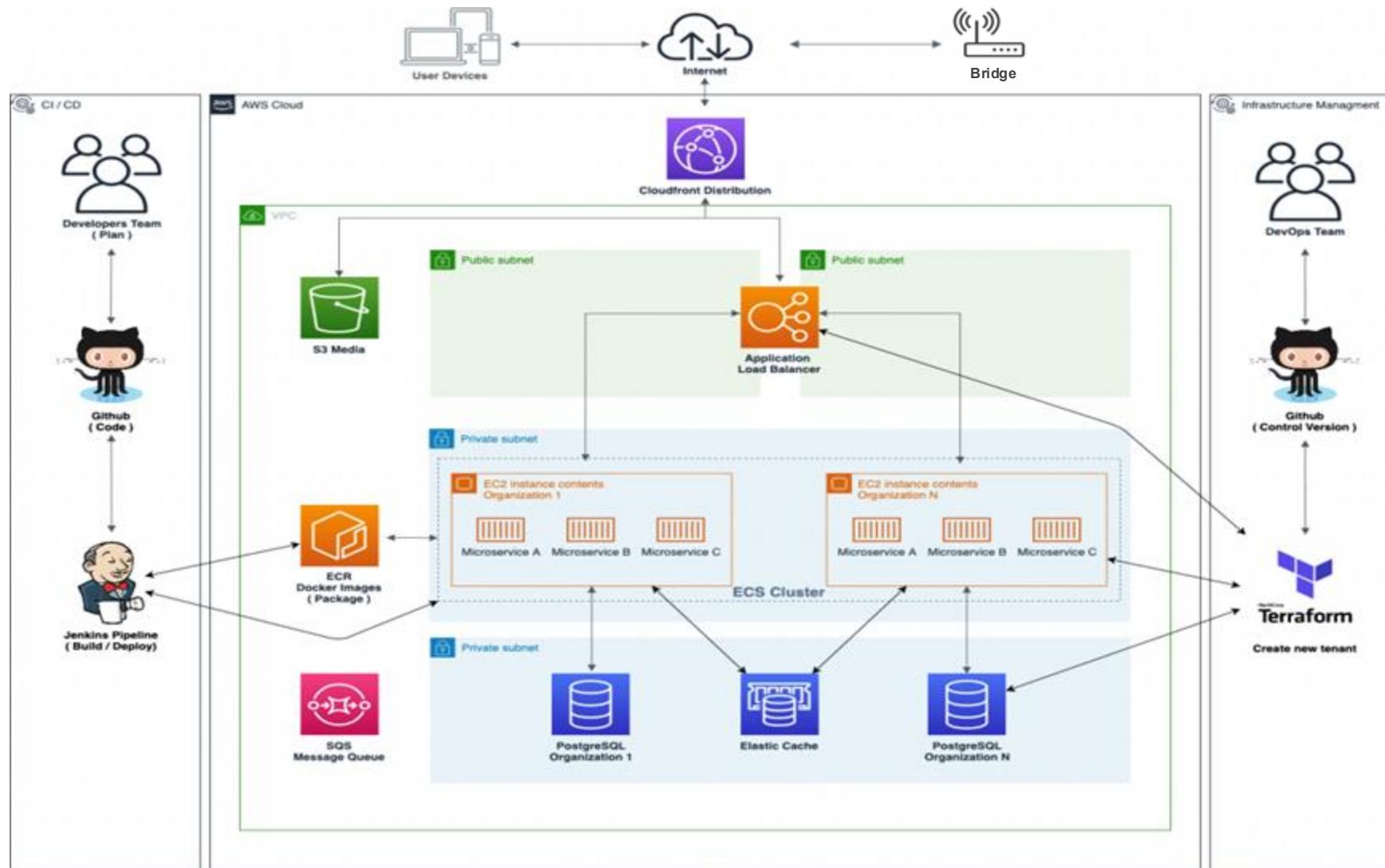


# Rapidise Cloud Video Management System Expertise



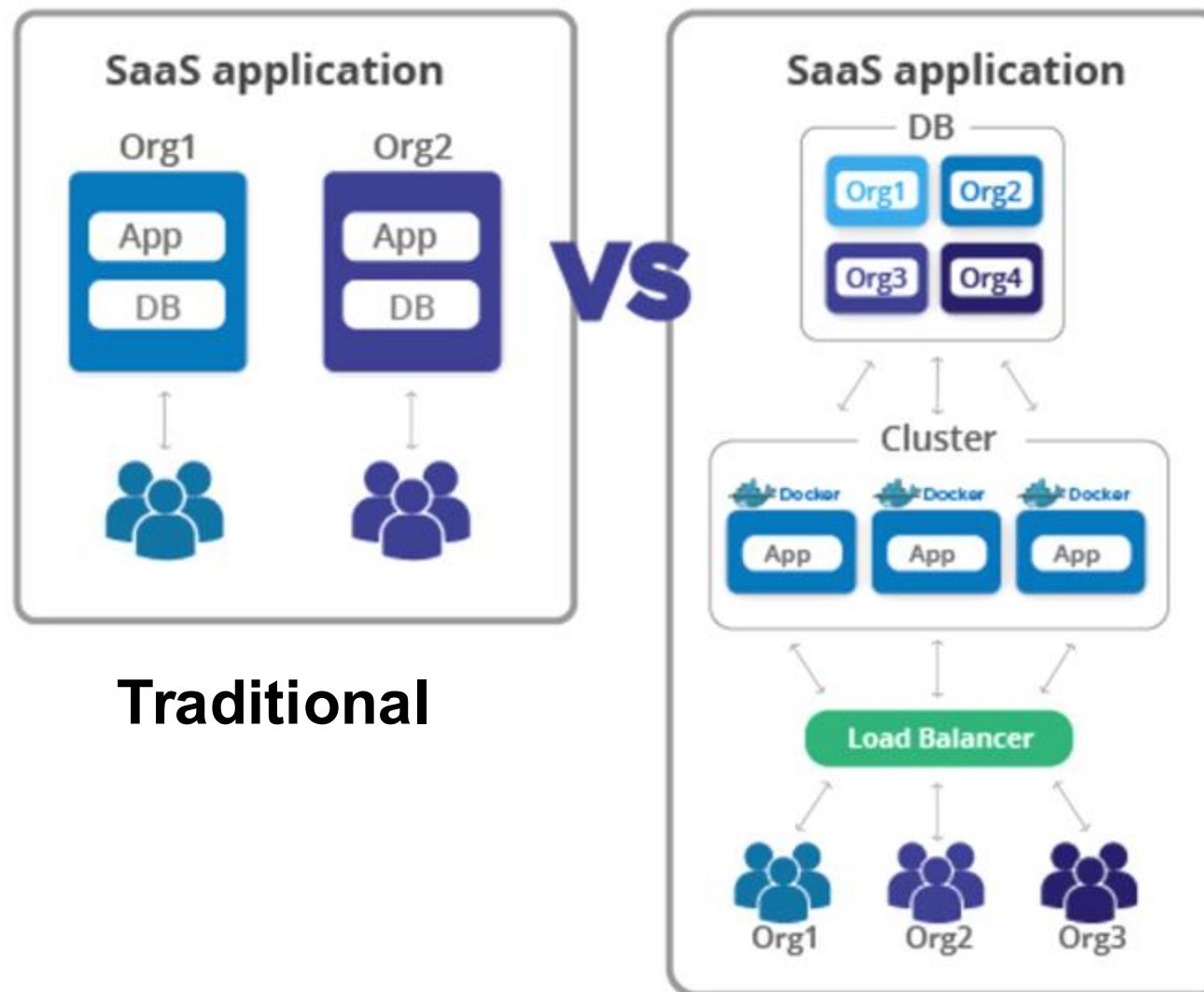
# Holistic End to End Cloud VMS





## Tech Stacks

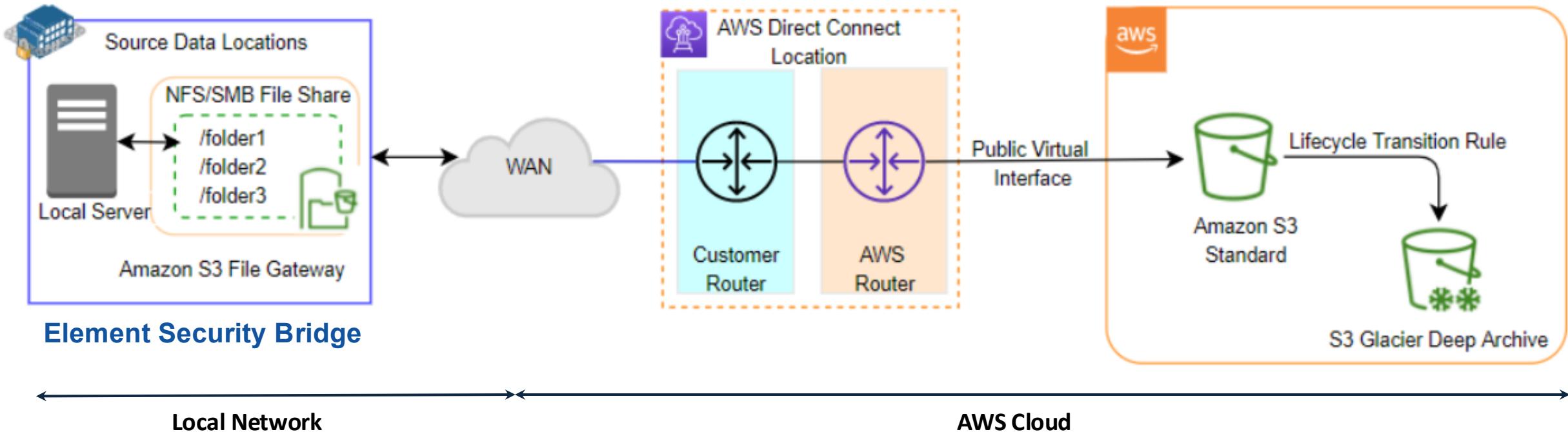
- Frontend:
  - Angular/React
- Dev Tools:
  - Visual Studio
  - Git
  - Jenkins
  - Postman
- Backend:
  - Node JS
  - MongoDB/DynamoDB/RDBMS
- Server:
  - ECS
  - EC2
  - S3
  - Kinesis/LiveKit
  - Lambda
  - Cloudfront
  - ECR



## Benefits of Recommended Approach

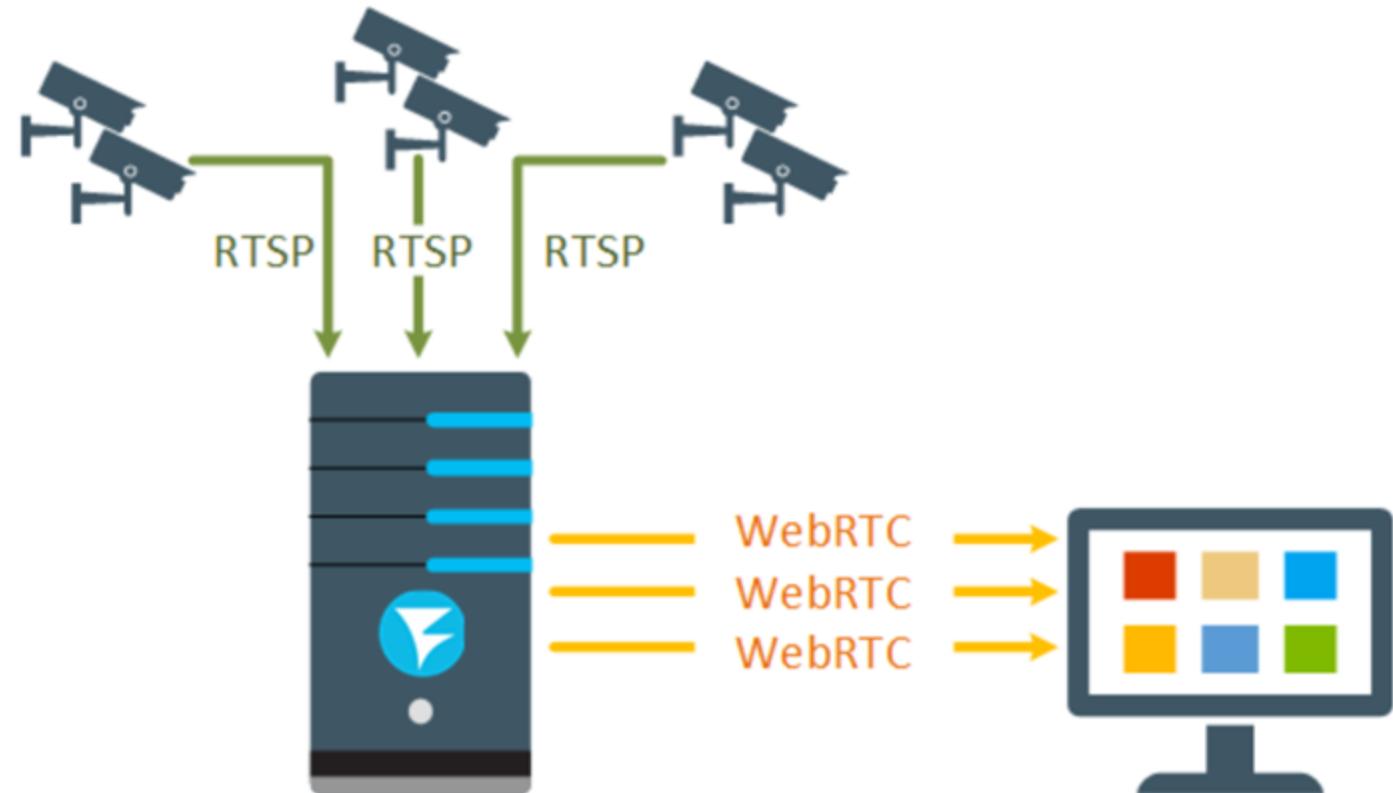
- A reduction of server Infrastructure costs utilizing a Multi tenant architecture strategy.
- One single source of trust
- Cost reductions of development and time-to-market.
- Docker is used to manage multi tenant platform
- Docker is easy to upgrade systems and manage organizations
- Completely isolated tenants using Docker

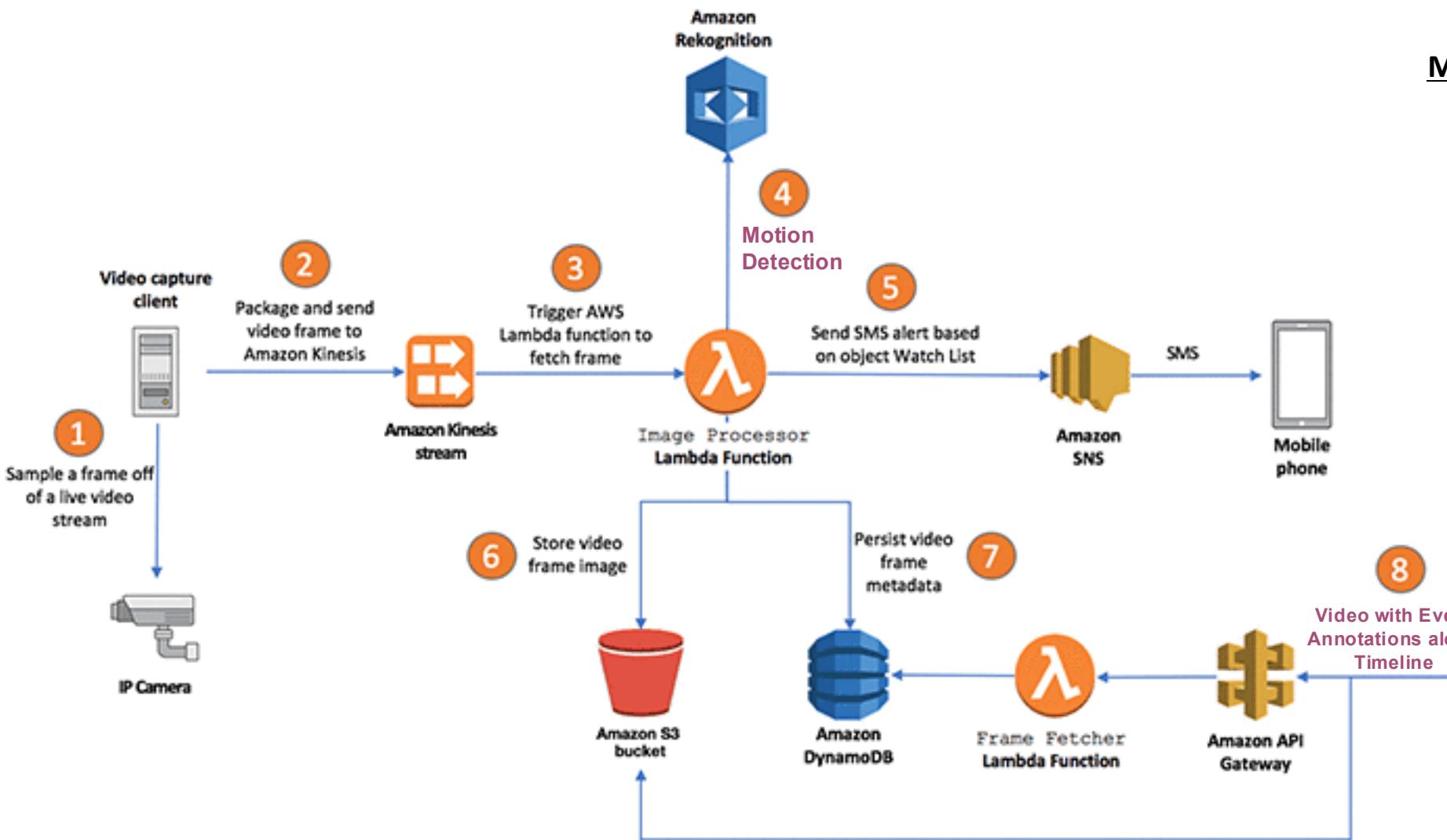
Locally using a Local Gateway app that has the capability to integrate with Amazon S3. Such network attached storage devices provides you with the capability to sync files between a local device and Amazon S3.



## Streaming with WebRTC

- WebRTC (Web Real-Time Communication) is a technology that enables Web applications and sites to capture and optionally stream audio and/or video media, as well as to exchange arbitrary data between browsers without requiring an intermediary.
- The set of standards that comprise WebRTC makes it possible to share data and perform teleconferencing **peer-to-peer**, without requiring that the user install plug-ins or any other third-party software.
- This Helps in Minimizing the Cloud Cost with respect to Streaming
- OpenSource: LiveKit, Jitsi, MediaSoup
- AWS Native: AWS Kinesis WebRTC





## Motion Detection WorkFlow

- Amazon Rekognition Video automatically identifies objects, scenes, and activities.
- For each label detected, you get a confidence score.
- Using this rich metadata, you can make your content searchable within a file and even across files.

## Payment Gateway Options

- Stripe
- Apple Pay
- PayPal
- Authorize.Net
- Braintree
- 2Checkout
- Amazon Pay

