

Resource Group: si-target-omron-poc-rg

Event Hub Namespace: is-target-omron-poc-ehn

Event Hub

si-target-omron-poc-eh-detections-raw

- 1 day retention of raw data

Stream Analytics Job

si-target-omron-poc-saj-detections-to-faces

- Flattens raw vision data to a suitable format for aggregation further downstream

Event Hub

Si-target-omron-poc-eh-detections-stage

- 1 day retention of staged data

Stream Analytics Job

si-target-omron-poc-saj-realtime-faces

- Aggregates data in ten second intervals

Table Storage: sitargetomronpocsa

AggFaceGenderAge - NoSql Table

- Aggregated data from ten second period for faces, genders and ages

App Service Plan

si-target-omron-poc-asp

Web Service - NodeJS

Si-target-omron-poc-web-ss

- Realtime Socket Server: Queries table storage on an interval and broadcasts new records to any consumers

Web Service - Static

si-target-omron-poc-web-db

- Realtime data visualization on an interval

Vocabulary

All resources in Azure following a naming convention for easy identification via the following sections:

[company][customer][project][sub-project][azure-resource-type][description-of-thing]

Common prefixes & acronyms used in this diagram:

si - Scala Inc target - Our customer, Target omron - Project name poc - Proof of Concept

Azure acronyms:

rg - Resource Group

ehn - Event Hub Namespace

eh - Event Hub

saj - Stream Analytics Job

sa - Storage Account

asp - App Service Plan

web - Web / App Service