v1.14

VMS Eagle Eye Networks Architecture Diagram

2023-06-22 **Smart Alerts** Job Workers Hardware Legend Archiver worker ar-005, ar-007 DriveFS Server Worker Redis sv-005 Video Ceph Clients Services sv-006 Web V2 Smart Alert 26 **EEN Alert Mngr** Job Service □ Reports Service Notification Mngr **Events Service** Converter CM Archiver (herald) 14 Live Player SDK ar-005 Dewarp SDK Media events-api Conversion Notification Mngr Postgres Service POD Pulsar Unit GPU sg-001 Pod nats DriveFS Cassandra reports-api Max Mem Pod Pulsar POD pulsar sv-007 DriveFS Frontend Search **Event Normalizer** AWS DrieveFS Worker API V3 AWS S3 Amazon Web Services Search ES NGINX webui-log-collector DriveFS Scheduler **Dependency** 50 DrieveFS Notifier Legend Cloud LPR 2 Big Data 15 **Bidirectional Dependency** Cloud LPR Redis DrieveFS Celery **Event Ingress** Reverse Proxy Gateway Message Bus Dependency Inference Google Translate POD nats (nginx/envoy [istio]) Redis POD Pulsar Service API Immix Auth Proxy Dependency Video Pipeline POD Ceph **Service Legend** Big Data Postgres Cameradirect<sub>-</sub> Application / Talkdown 17 Service VBS VMS Core API Docs API V3 Facade Service CM Global Dispatch Database Talk Down Webhook 20 Service Libraries DProxy Postgres Postgres cameradirect-(Bus/Cache broker Endpoint Postgres Relay mongo **Device Status** Camera External / Service Outside (status-server) Redis Sentinel Archiver VBS Core 20 (videobank [gateway]) Container Bridge Session Memcache Pod/Global dhash Twilio SMS **Event Alert Engine** Pod/Global archiver sync LUA Services User Auditor redis Analog een-client Registry 18 intellivision mpool Alert Deduper LPR 21 Talk Down Bridge Fleet POD/Global DHash Pod Pulsar Status Server Container Exporter shortcut Bridge App Exporter Device Settings In Cloud Devices 31 Audit Trail [ (poppins) (ambrose) Mobile Push Camera Support LUA Reports Engine Pod/Global dhash Notifications Pod DProxy **Notification Verifier** (go-rush) Cassandra 34 (privacy) Pod/Global dhash POD nats Pod/Global dhash Nexus Device Services POD pulsar Management Bridge Images POD Retention Clearner Asset Mover Tunnel Service (badger) (gorsync) (broom) (mole) Notification EENAdmin [ ESN Storage Analyzer (probe) Watchdog POD dhash POD Session POD (schrodinger) pgbouncer 50 ← Billing Postgres Pulsar <sub>-</sub> Memcache DHash Fluentbit 14 Quickbooks **POD Nats** AWS POD RabbitMQ VIES VAT Stripe API ElasticSea<u>rch</u> Checker vms postgres CRM API secondary VMS API (Videobank)\_ aus1loc1 Background Task Device 34 Scheduler 34 VMS API API V3 Auth Server Contract Vaul **Email Engine** vms postgres Asmodeus 34 (Videobank) Contracts Tunnel Service (postal/postfix) primary 50 (gregdb) 24 (badger) 50 POD/Global DHash session Billing DB Prod PG POD Ceph Stefani PG memcached Fluentbit CM DB Strip API stefani-worker VMS PG pgbounce dhash-redis 50 auth-postgres 10 secondary HUB 50 Promcam 50 HUB RabbitMQ VMS DB vbs-worker Camera Storage POD/Global DHash Manager 34 Pod/Global DHash **Business Portal** Camera 34 (nexus) postal-(Frontend) 10 API V3 IDP Server Drivers Background Task rabbitmq postal-mariadb Scheduler Global dhash drivers-api Billing Reports Elastic Search vms-postgres (permissions) camerasecondar (logs) 50 drivers-pg