CymbIOT C&C

Making IoT Smarter

Unified C&C for VMS & IoT

- Interconnectivity of all sensors and subsystems into a unified user interface
- Off-The-Shelf version with unlimited flexibility for integration and connectivity of systems and users
- Deployed in hundreds of sites around the world

Data Analysis

- Data (Text) analyses engine
- Video analysis engine
- Audio analysis engine

Dashboards Module

- Fused executive level overview
- Presents data from all connected systems
- Real-time data & updates

BI Engine

- Executive Dashboard views
- Data fusion of multiple sub systems
- Unlimited relationships between inputs
- Reduced False Alarm Rate via intelligence rules.

Procedures & Task Management

- Task Management & Reports wizard.
- Activation of third party systems.
- Multi tenant User actions & decision trees.

VMS Module

- Integral video management module
- Connectivity of thousands of sensors.
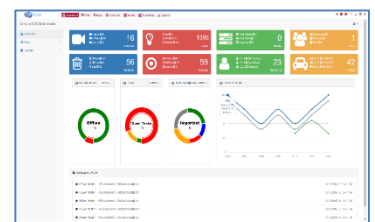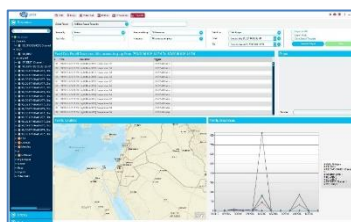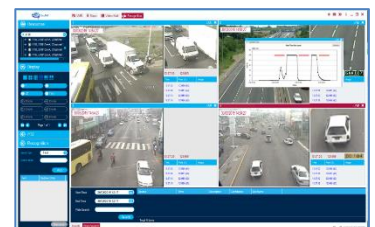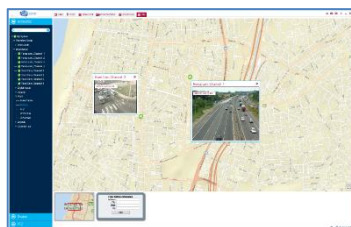- Internal video & audio analytics

Advanced Event History & Reports

- Event search by time, location, object.
- Popup of data related to event.
- Export tool for all data.

CymbIOT C&C is an out of the box C&C and VMS solution that can be installed on-premise, over cloud (SAAS), or in a hybrid architecture to support any type of customer or network.

CymbIOT C&C is the only market-available, track proven, out-of-the-box product which creates ROI immediately. We utilizes Internet of Things infrastructure to connect all types of systems, sub-systems, and sensors as well as video and audio into a single network while creating cross system data and operational fusion.

Designed for a wide variety of operational needs, CymbIOT C&C supports automatic process management and real-time response. The system is sensor agnostic, easily integrating 3rd party products to deliver a working IoT & VMS solution.

Operational Modules

Business Intelligence
An advanced BI module that utilizes smart algorithms to learn from past experience, and offer actionable intelligence in real time.

GIS Module
Integrates GPS and sensor data, and allows operators to investigate information and manage sensors via a map/image interface

Dashboards Module
Flexible module presenting executive-level fused data, fully configurable per user and responsibility, capable of displaying video, graphs, tasks, charts, and more.

VMS Module
Enabling connectivity of thousands of cameras, microphones and other sensors. With internal video & audio analytics.

Smart Identity
A comprehensive ID recognition application that manages multiple hotlists and supports ID-based event recognition, triggers, and analysis.

IoT Sensor Server
Integrates any type of sensor or system, supporting configuration of data access and permissions per process, user, or system

Procedures & Reports
Task management supporting multiple stakeholders , with a real-time report engine, including data analysis, graphs, location and video

Disaster Recovery
Real-time DRP insuring that in the event of a server failure, a backup server takes over without loss of data or operational delay

System Architecture: On-Prem or Cloud

Legacy Systems   **IOT Sensor Database**

IOT Sensor Service

The Sensor Server configures sensors and 3rd party systems, collects operational data using generic communications protocols, and stores information in a proprietary database

CymbIOT BI Server

The CymbIOT Procedures Server is responsible for creating operational templates that handle pre-defined scenarios and real-time instance management, while documenting each action in the database

Operational Database

Procedures Server

CymbIOT Core Control Service

CymbIOt Media Management Server streams and records video & audio data and applies analytics rules to identify relevant data.

Configuration Database

3rd Party Devices

Analytics

Sensor Service

Identity   **Procedures**   **GIS**

VMS

CymbIOT Control Center   **Manager**