



CymbIoT

Making IoT Smarter



Safe City Solution

CymbIoT Safe City

SAFETY | SECURITY | TRACKING | SAVE

A modern metropolis presents a large number of security challenges: from street crime, through organized crime, to traffic and jaywalking violations, terrorist threats – and health and safety hazards.



The CymbIoT solution is rapidly and easily deployable, and delivers operational capabilities from day 1. CymbIoT can integrate and manage all existing systems, then grow and expand as the city and its connectivity grows. The system is designed to integrate and correlate data as well as operations, creating a tight-woven IoT network that can identify and respond to real-world need based on multiple data sources.



Day/Night Cameras

Surveillance cameras that provide visual feeds 24/7 in all light conditions.



Thermal Cameras

Thermal cameras for tracking objects in adverse visual conditions.



License Plate Recognition

LPR units for identifying license plates and tracking cars either from hotlists or following alerts.



Infra Red Sensors

IR sensors track heat-producing objects in adverse visual conditions.



Phone Recognition

Phone recognition such as IMSI catchers that can identify cellphone data and track or locate individual transmission.



Microphones

Audio sensors, either standalone or integrated with one or more cameras, for monitoring audio inputs such as gunshots, screams, glass breaking, etc.



CymbIoT Command & Control

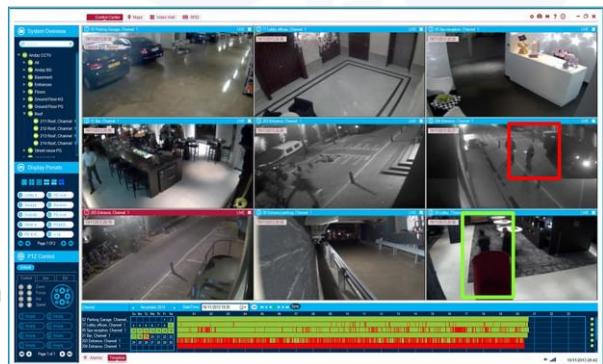
Provides data fusion and management of all surveillance (and Smart City) sensors and subsystems.



ADDITIONAL INTEGRATIONS

Smart Safe City

- Identify criminal activities
- Identify traffic & fire hazards
- Alert First Responders
- Manage Panic Button alerts & responses
- Face Recognition for suspect identification
- ...more



Smart City Integration

- Integration with external databases
- Traffic warning & management
- Multiple urban C&C integration
- Communicate with residents
- Smart Sign & smart Phone alerts
- ...more



Safe City integrated with data from other Smart City sensors in CymbIoT Command & Control::

The image displays four computer monitors arranged in a 2x2 grid, each showing a different aspect of Smart City integration:

- Top Left Monitor:** Shows a detailed map of a city area with various colored zones (blue, yellow, green) and icons representing different data points or sensor locations.
- Top Right Monitor:** Displays a 4x2 grid of video feeds from surveillance cameras, showing both indoor and outdoor scenes. Some frames include bounding boxes and labels for specific objects or events.
- Bottom Left Monitor:** Features a dashboard with several key performance indicators (KPIs) and graphs. KPIs include '16' (red), '56' (blue), '1395' (green), '0' (orange), '1' (yellow), and '42' (purple). A line graph shows fluctuating data over time.
- Bottom Right Monitor:** Shows a map with location markers and a list of items or events. It also includes a detailed view of a specific location with a grid overlay and a timeline at the bottom.

Security



Event

Person on terrorist watchlist enters city.



Detection

LPR identifies blacklisted car.



Response

CymbIoT C&C analyzes data and implements procedures:.



Direct nearby cameras towards location.



Phone recognition searches for phone.



Alert police



Alert nearby residents & businesses via text.

Traffic



Event

Accident causes traffic jam.



Detection

Visual analytics identify accident & jam.



Response

CymbIoT C&C analyzes data and implements procedures:.



Manage traffic lights to reduce jam.



Update traffic signs.



Alert first responders.



Directs cameras towards event.



Alerts first responders.



Alerts police.



Alerts residents & businesses via text.

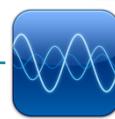
Sends nearby players text messages with incentives for games away from incident.

Safety



Event

Fight breaks out in street



Detection

Audio analytics identify shouts & glass breaking.



Response

CymbIoT C&C analyzes data and implements procedures:.





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CymbIoT's mission is to design, implement and deliver advanced Internet of Things (IoT), Video Management Solution (VMS), and Command & Control (C&C) platforms. We empower end users to configure and manage integrated networks of all types and scales - from Smart and Safe Cities, through Transportation Hub security, to Smart Buildings and Enterprise management.

With millions of sensors across numerous verticals using our products to deliver actionable intelligence and real-time response capabilities to customers worldwide - we have the experience, know-how and technology to deliver real world solutions that work.

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