GVD X7 & IOC
Data server with operating system designed for metropolis & enterprises

GVD X7 is a data server powered by GVD IOC (Intelligent Operations Center), which is a software program that brings city mayors and enterprise leaders a complete and holistic overview of the situations on his/her lands or assets. Take a city for example, the GUI of the software features an executive dashboard that depicts the overall status of a city’s various agencies such as civil affairs, fire, police, airports, road/traffic and so on. The software also provides full accesses to the operations.

The IOC takes in data from sensors dotted around the city or enterprise to keep an eye on what is happening. It has powerful analytics tools to draw insights from received data to allow insightful decision making for civic services and enterprise works. It alerts the right people to anything that is abnormal, extreme, or important.

The IOC integrates disparate and diverse systems into one engine, including video systems. To communicate with GVD NVRs, the IOC uses CAP (Common Alerting Protocol), which makes warning so effective. CAP is a simple but general format that can exchange emergency alerts and public warning over all kinds of networks. You will get texted when you need to know something. With GVD X7 and IOC, you simply get what is important to you.
Software highlights

- Status monitoring
- Incident reporting & tracking
- Instant notification
- Easy-to-use & intuitive GUI
- GIS (map) integration
- Advanced data analytics

System architecture

Control Center

Client 1

VMS Controller

NVR

Client 2

D300 Video wall Decoder

LAN CAT6 Switch

ATM

E150 CMS Manager

LAN ports

Fiber ports

VGA

HDD trays

Power supply

Redundant power unit

Dimensions

437mm

89mm

Power Button

LAN ports

USB

Fiber ports

VGA

LAN ports

Onvif

Driving video surveillance global intelligence