

All in One IOT Remote Management

Transforming Data into
Measurable Business Growth

Total Security Solution:

AIO's Security Solution provides 3 layers security solution for telecom & towercos sites. AIO's solution is based on advanced total solution from layer 1 of physical access , to layer 2 & 3 with Video analytics and synchronized site alerts ticketing and GIS fast location indication .

Typical Applications

- Remote sites security & Access
- Battery theft prevention
- Solar panel theft prevention
- Cables coper theft prevention
- Remote sites Parameter prevention

Layer 1:

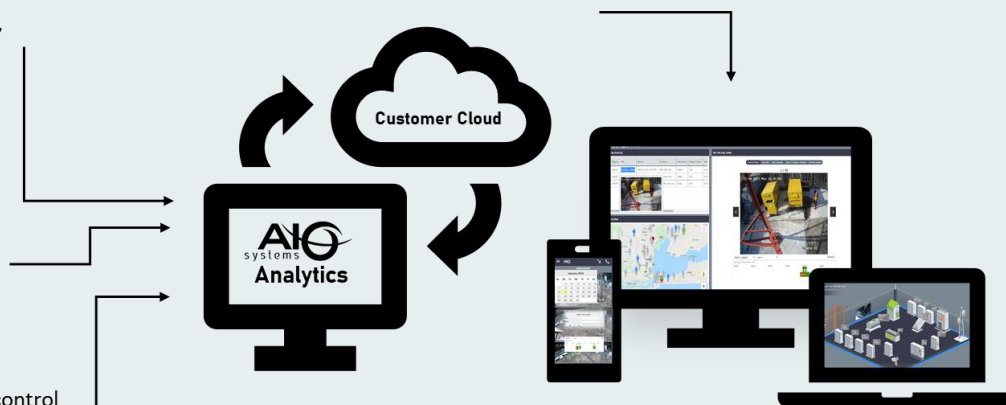
- Access control (biometrical , RFID, Facial recognition)
- Fence
- Virtual fence
- Shock sensor

Layer 2:

- Occupational sensors
- Video camera
- Video analytics
- Intruder detection.

Layer 3:

- Shelter and cabinet access control
Indoor video analytics
- Asset active monitoring and GPS tracking (Batteries, Solar panels and generators)



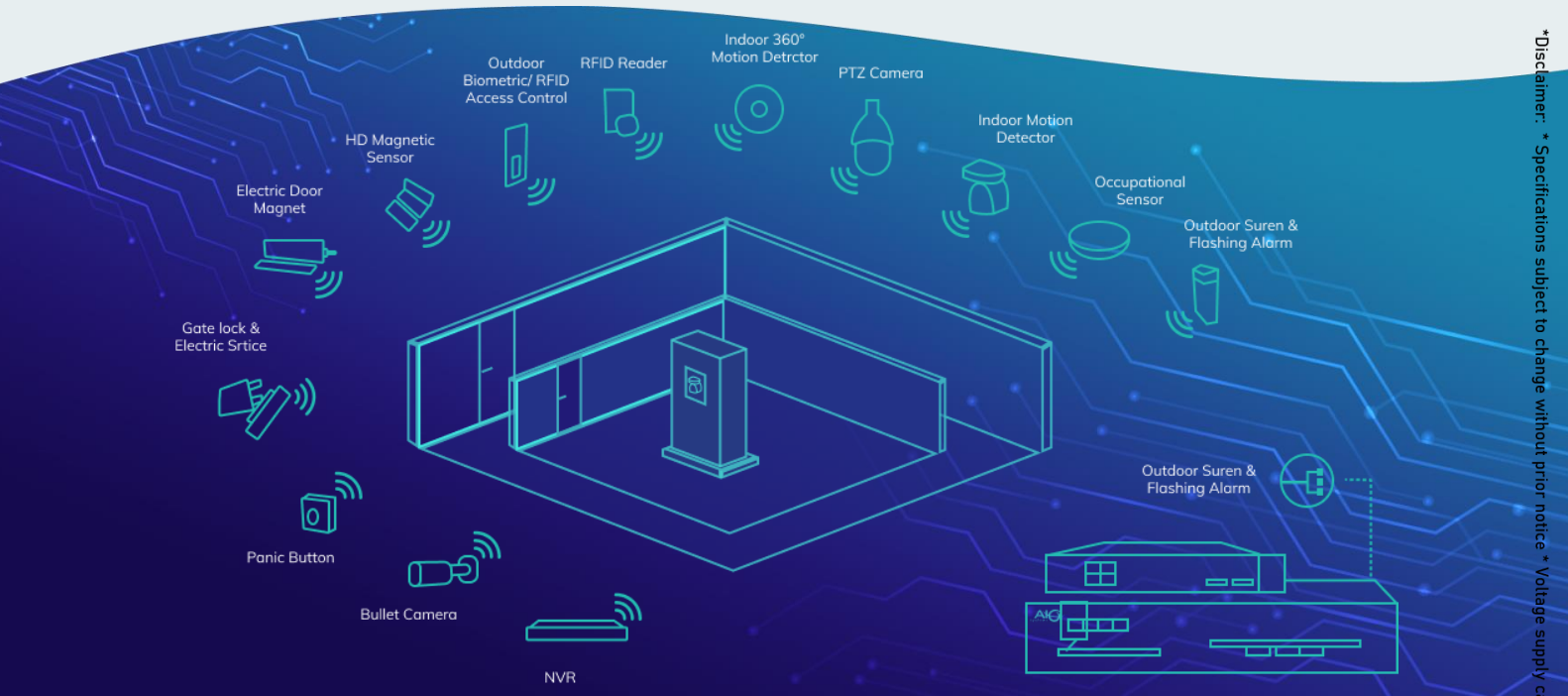
**Transforming Data and indication
Into real time notification and site
status transparency**

*Disclaimer: * Specifications subject to change without prior notice * Voltage supply can only be within specified range. Peaks above 72V require additional surge protection which isn't included

Application Note – Total Security Solution:



Comprehensive Smart Lock & Alarm Solution

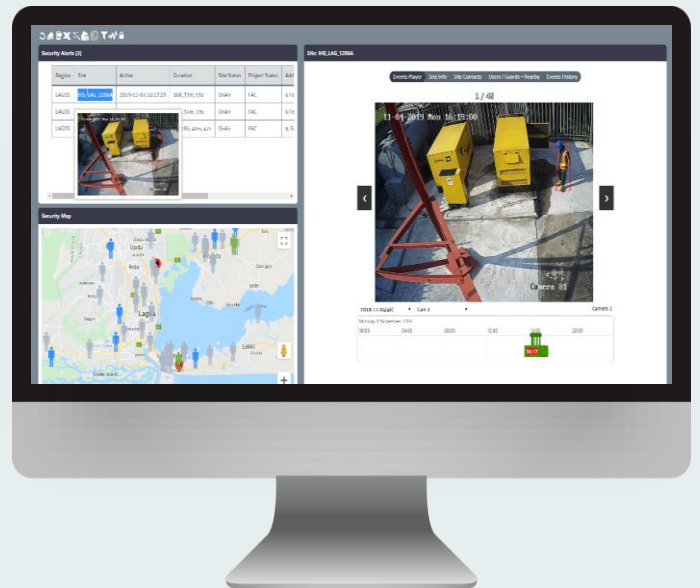


AIO solution involving AIOT advance Hardware, Proprietary algorithms & software implemented in both Site level controllers and sensor and Central management system CMS

Security Portal

AIO's Security Management Portal provides visual view and analytics capabilities of remote site's security status. The security solution includes one or more of the following: Camera, Access Control, serounding passive and active devices, All to provide an end to end solution with full synergy to the management tool. Portal unified all sites in the network under one security tool with specific analytics allow to recognize abnormal event on-site.

- Portal auto discover high rist regions / sites



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Application Note – Total Security Solution:



- allows the team to handle specific security concerns of the sites, recognize the critical alert, and raise the alarm at the right time before it's too late.
- Auto acknowledge, Auto Ticketing, Analytics to recognize abnormal events and raise alarm
- Realtime camera image for a quick look on security detection.

Video Analytics

- Immediate intruder detection
- Minimal fault indications
- Utilized Low bandwidth – snapshots
- Integrated Escalation process with Ticketing system
- Real time picture & Alert correlation
- Correlates between event and onsite Responders using Mobile app
- GIS map for all events and site alerts
- User status, location & travel map tracking



Image Analysis

- AIO's Security Management solution includes object detection from multiple cameras.
- The technology recognizes intruder as well as moving objects.
- Smart analysis reduces false alarms and highlights security risks in real time, while constantly learning patterns of actual security events.
- Analytics can be done based on server
- GPU or By advance cameras

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Application Note – Total Security Solution:



Event correlation

AIO's Security Management solution utilizes preinstalled AIO RMS resources to collect event data and correlate it, in order to identify intrusions or damage. Event correlation reduces response time by identifying actual security events.



Reports



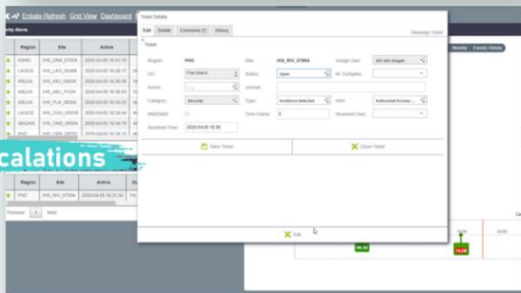
Security Dashboard Report



Security Performance Dashboard

Site ID	Site Name	Event Type	Event Time	Event Description	Severity	Assigned To	Status	Resolution Time
MSL_P01_00078	2020-04-05 16:19	MSL_P16_01006	2020-04-05 16:19	MSL_P05_00548	2020-04-05 16:09	MSL_LAG_11514	2020-04-05 16:17	
MSL_P02_00084	2020-04-05 16:18	MSL_P16_08004	2020-04-05 16:18	MSL_NAB_00144	2020-04-05 16:18	MSL_PAS_00740	2020-04-05 16:13	
MSL_P03_00090	2020-04-05 16:18	MSL_P16_08004	2020-04-05 16:18	MSL_LAG_00008	2020-04-05 16:13	MSL_CCN_10024	2020-04-05 16:13	
MSL_P04_00096	2020-04-05 16:13	MSL_P16_08004	2020-04-05 16:13	MSL_LAG_00008	2020-04-05 16:13	MSL_LAG_00008	2020-04-05 16:13	
MSL_P05_00102	2020-04-05 16:13	MSL_P16_08004	2020-04-05 16:13	MSL_LAG_00008	2020-04-05 16:13	MSL_LAG_00008	2020-04-05 16:13	

Tickets Report



Alerts & Escalations

For additional information please contact

info@aiosystems.com

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