

All in One IOT Remote Management

Transforming Data into
Measurable Business Growth

Added Value Services - AVS:

AIO's cloud-based AIoT remote monitoring System (IoTRMS) is now supporting advanced IoT services as a solution to NMNOS towers and service providers. As 5G is now the main focus and future new revenue stream, AIO enables users to leverage the existing platforms and add new services based on the 5G deployments. The new application can be added and supported by allowing the 5G unique advantages like; Managed latency/edge, Network slicing, machine-to-machine communication, and precise positioning.

Adding to the above, the fact that AIO solution supports new IoT protocols and advances IoT and equipment uses MQTT and other advanced protocols. The COVID-19 is the third driver to push these application needs, and applications like; crowded places monitoring and other dedicated applications also raise the need for these advanced applications. AIO users can leverage AIO AIoT capabilities with the much-advanced application, for example :

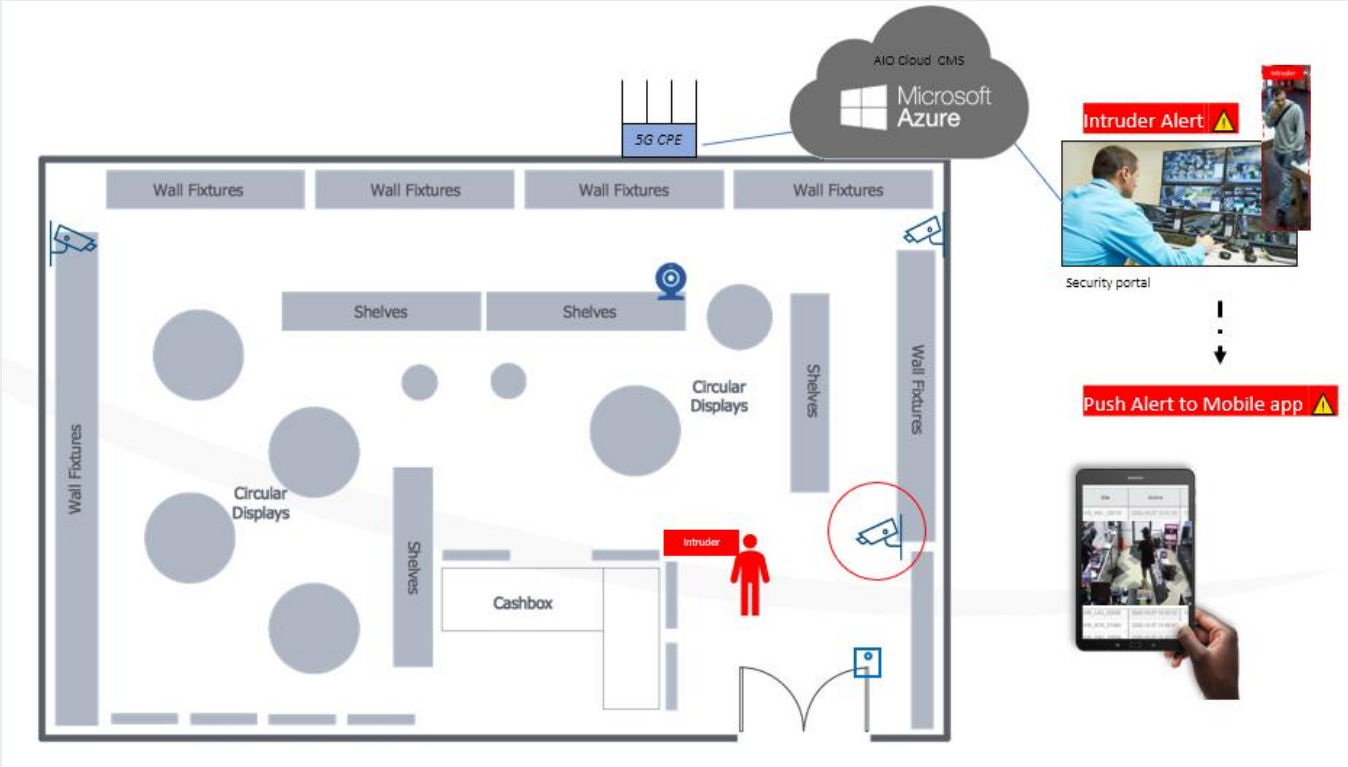
- Human temperature detection
- Facemask/ shield detection
- Current people counting vs. maximum allowable quantity
- Total people counting based on Video analytics
- Advance Intruder Detection
- Camera tampering indications
- Advanced Access controller based on face recognitions
- Air Quality / Gas detections

*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

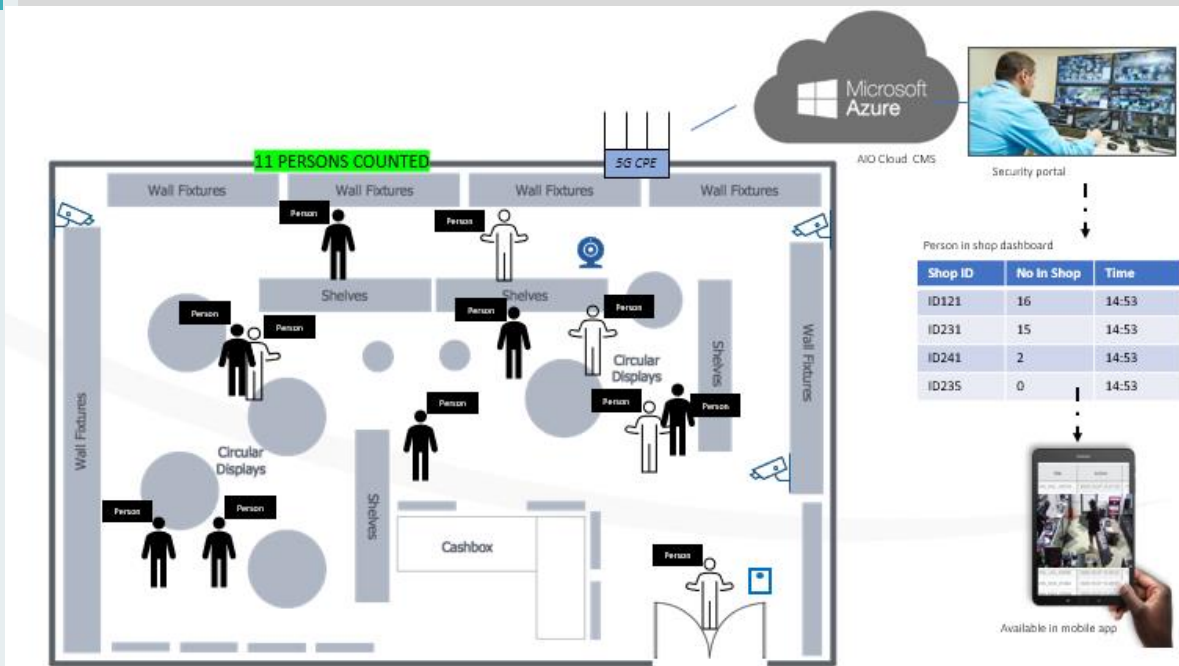
Application Note – Added Value Services - AVS



Example of Advance Intruder Detection



Example of Customer in/out count control



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Application Note – Added Value Services - AVS



AIOT CMS View

The screenshot displays the AIOT CMS interface with the following components and callouts:

- Latest camera Photos:** Points to the top row of camera feeds labeled Camera 1, Camera 2, and Camera 3.
- Counting Statistic:** Points to the line graph showing historical counting data over time.
- Multi modes support based on timing:** Points to the 'Security Mode: People' and 'Counting' sections.
- Actual counting info:** Points to the 'Current People Count' and 'Next Note Changing Time' indicators.
- FACE & MASK RECOGNITION Can be attached with attends system and access control:** Points to the face and mask recognition overlay on the Camera 3 feed.
- Person High Temperature indication/Alert:** Points to the 'Active Alerts' table, specifically the 'Person with high temperature' entry.
- Crowd limit - Alert:** Points to the 'To Many Persons on Site' entry in the 'Active Alerts' table.
- Instant History Log access:** Points to the 'Alert History' link in the 'Active Alerts' section.

| Alert | Description | Active |
|----------|----------------------------------|------------------------|
| Notif17 | Camera Security - Person On Site | 3/4/2021, 10:18:34 AM |
| Notif252 | Person without mask | 3/4/2021, 9:28:29 AM |
| Notif253 | Person with high temperature | 3/1/2021, 2:58:13 AM |
| Notif34 | To Many Persons on Site: 5 | 2/24/2021, 10:38:27 AM |

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Main Benefits

- Enables new 5G revenue strims
- Unified platform for RMS & AIOT AVS application
- Fully secured with AES-128
- Faxcable for adding application and new devices
- Fast deployments installation
- Integrated statistics and BI capabilities
- Superior Energy Efficiency monitoring & Control
- Simple Deployment with Interactive Easy-To-Use GUI.

Application Note – Added Value Services - AVS



Anti-Cyber Security

- AIO's Security based on ISO 27001 standard. Contain scope of the ISMS, risk assessment, identified risks, control objectives, and controls to be implemented, an applicability statement.
- Multi-Factor Authentication - MFA requires additional verification factors, which decreases the likelihood of a successful cyber attack.

CMS Modules



ALERT
& TICKETING



EFFICIENCY
& ROI



FUEL & ENERGY
MANAGEMENT



ENVIRONMENTAL
MANAGEMENT



PREVENTIVE
MAINTENANCE



BATTERY
MANAGEMENT



ASSET
MANAGEMENT



SECURITY
PORTAL



GIS-LOCATION



REPORTS &
BPM

For additional information, please contact
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