# ORBITAL INSIGHTS



## A situational awareness software platform built to enhance visibility and decision making for today's business.

ORBITAL INSIGHTS is a powerful software platform designed to meet today's challenging business environment, predominantly those with multiple sites operating across different business segments.

Generally, business operations are supported with disparate systems with no sharing of data across these systems.

Business organisation with multi-sites operations often have no visibility on the areas contributed to their shrinkages due to process lapses, unknown loss, untracked activities and events which resulted in lack of data for monitoring, analysing and improvement.

ORBITAL INSIGHTS offers a variety of intelligent modules to gather data within the organisation's business processes that are equipped with correlation and analysis tools.

ORBITAL INSIGHTS provides situational awareness and facilitates organisations in decision making with clear visibility of the lapses within its business processes.

## What is ORBITAL INSIGHTS?

**Discover**
gathering of information from different data collection systems

**Analysis**
Correlation of data and events with ORBITAL INSIGHTS intelligent tools to identify relevant situations

**Assess**
Identify gaps in critical situations using the analysed data.

**Reporting**
Analyse suspicious trend activities using ORBITAL INSIGHTS reporting tools for after action review and improvisations.

**Monitor**
Monitoring of how each operator interacted with the system, tracking of any changes made to the systems with an audit log

## ORBITAL INSIGHTS Visitor Management

Provides a basic system to electronically manage visitors with capturing visitor data, simple check-in and check-out functions. The system can be customised to meet complex requirements based on business organisation's process. Such as registration of visitors, approval process, tagging to vehicle and assigning of any asset (keys, access cards, etc). It can also be implemented as Software-as-a-Service where registration can be made on-line via any web based devices.
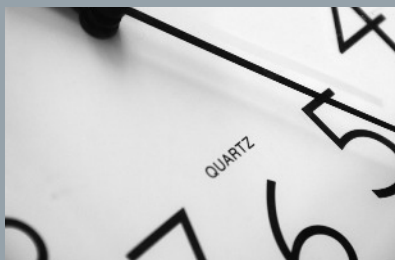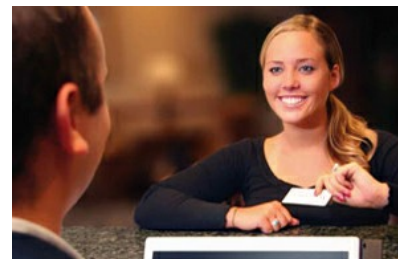


## ORBITAL INSIGHTS Time & Attendance

Allows automation of data flow captured from the clocking point to $3^{rd}$ party payroll system, reducing risk of manual errors and increasing productivity of the administration workforce. This module allow a variety of electronic readers to be used as clocking point ranging from card to biometric readers such as fingerprint or facial reader.

## ORBITAL INSIGHTS Facial Recognition

Provides high accuracy of facial surveillance analytic that allows capturing and indexing of faces to associate with relevant events. It enables faster search by cataloguing indexed faces and the video associated with transactions. It can also be used as an intelligent tool to protect assets by providing alerts if a detected face matches a blacklist indexed face
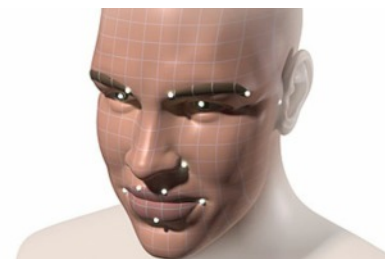




## ORBITAL INSIGHTS People Counting

Uses image-processing technology to capture, analyse and understand customer's behavior and trend patterns inside the outlet. With the collected data, the platform will be able to provide visibility of hotspot areas with intelligent reporting tools. This will lead to improved business planning, sales efficiency and resource management.

## ORBITAL INSIGHTS RFID Tracking

Based on Real Time Location System (RTLS) with active RFID products using DASH7 technology. Compliant to the new active RFID standard ISO 18000-7, this system is suitable to be used for tracking of person and assets.



Empowering business with situational awareness
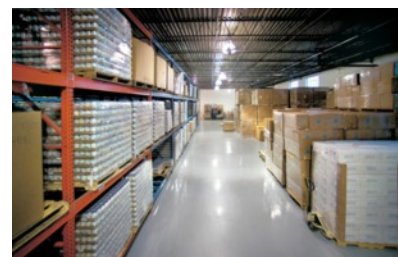
## ORBITAL INSIGHTS Case Management

Track all your cases, incidents and investigations in one central location. We provide an electronic case records solution which provide organizations with a paperless case file system. It includes details such as suspects, items taken, detailed report narratives, people involved, vehicles, attachments (video, statements, audio, etc.)

## ORBITAL INSIGHTS Store Audit

Using the Loss Prevention Audit questionnaire, which can be deployed via smart devices, retailers can enhance productivity, increase operational effectiveness and reporting. With a centralized platform and automated scoring for every audit taken, retailers are able to monitor audit results of their stores and initiate necessary action plans for improvement.

## ORBITAL INSIGHTS POS Integration with CCTV

Every transaction processed on the till is tagged to the recorded CCTV footages. With the transaction timestamp, retailers are able to search for video footages by using key words which will reduce the search time for relevant video footage. This will improve response time on auditing and effectively pin point where leakages originate and deliver the video evidence for effective action.

## ORBITAL INSIGHTS Incident Reporting & Tracking

A platform that allows organizations to submit incident reports online. The incident reports can be cross-shared across multiple departments such as HR, Operations & Security to provide consistent information throughout the incident management. Customers can classify the reports depending on their urgency and impact which allows for efficient and effective follow-up action.

## ORBITAL INSIGHTS Job Request Management

With a centralized platform, users can submit a job request to the relevant department to do the job-specific. The system platform will do an E-route for the job request to the relevant stakeholder's approval. User can track the status of the request and can provide a feedback if the job is completed unsatisfactorily.

## Technical Requirements

| Client PC | Minimum requirements |
|---|---|
| CPU | Pentium 4 and above |
| RAM | 4GB (8GB or more recommended) |
| Network | Ethernet/ Wireless LAN |
| Screen Resolution | 1280 x 1024 |
| OS | Microsoft XP SP 2 or above |
| Additional Software | Microsoft .NET Framework 4.0 or above |

| Real Time Server | Minimum requirements |
|---|---|
| CPU | Core™ i7 Processors, 3.0 GHz or higher (Xeon processor recommended) |
| RAM | 4GB (8GB or more recommended) |
| Network | Ethernet (1 GB recommended) |
| OS | Microsoft Windows 7 Professional (64 bit) or above (Microsoft Windows Server 2008 R2 or above recommended) |
| Additional Software | Microsoft .NET Framework 4.0 or above Microsoft Internet Information Server 8.0 or above |

| App Server | Minimum requirements |
|---|---|
| CPU | Core™ i7 Processors, 3.0 GHz or higher (Xeon processor recommended) |
| RAM | 4GB (8GB or more recommended) |
| Network | Ethernet (1 GB recommended) |
| OS | Microsoft Windows 7 Professional (64 bit) or above (Microsoft Windows Server 2008 R2 or above recommended) |
| Additional Software | Microsoft .NET Framework 4.0 or above Microsoft Internet Information Server 8.0 or above SQL Server Express 2012 or above |

| Database Server | Minimum requirements |
|---|---|
| CPU | Core™ i7 Processors, 3.0 GHz or higher (Xeon processor recommended) |
| RAM | 4GB (8GB or more recommended) |
| Network | Ethernet (1 GB recommended) |
| OS | Microsoft Windows 7 Professional (64 bit) or above (Microsoft Windows Server 2008 R2 or above recommended) |
| Additional Software | Microsoft .NET Framework 4.0 or above SQL Server Standard 2012 or above |

## Product Sizing Comparison

| Key features | Lite | Plus | Enterprise |
|---|---|---|---|
| Number of clients app (FOC) | 5 | 50 | 100 |
| Maximum numbers of users | 50 | 5000 | Unlimited |
| Flexible app access levels control | — | Yes | Yes |
| Flexible app modules | — | Yes | Yes |
| Scalable multi-server solution | — | Yes | Yes |
| Supported site | Single site | Single site | Multi-site |
| Centralized management | — | — | Yes |
| Support for RealTime Services | — | Yes | Yes |
| Third-party application integration | — | Yes | Yes |
| Management Application | Supported | Supported | Supported |
| Maximum number of clients app | 10 | 1000 | 10000 |

## System Architecture



Single Site



Multi Site
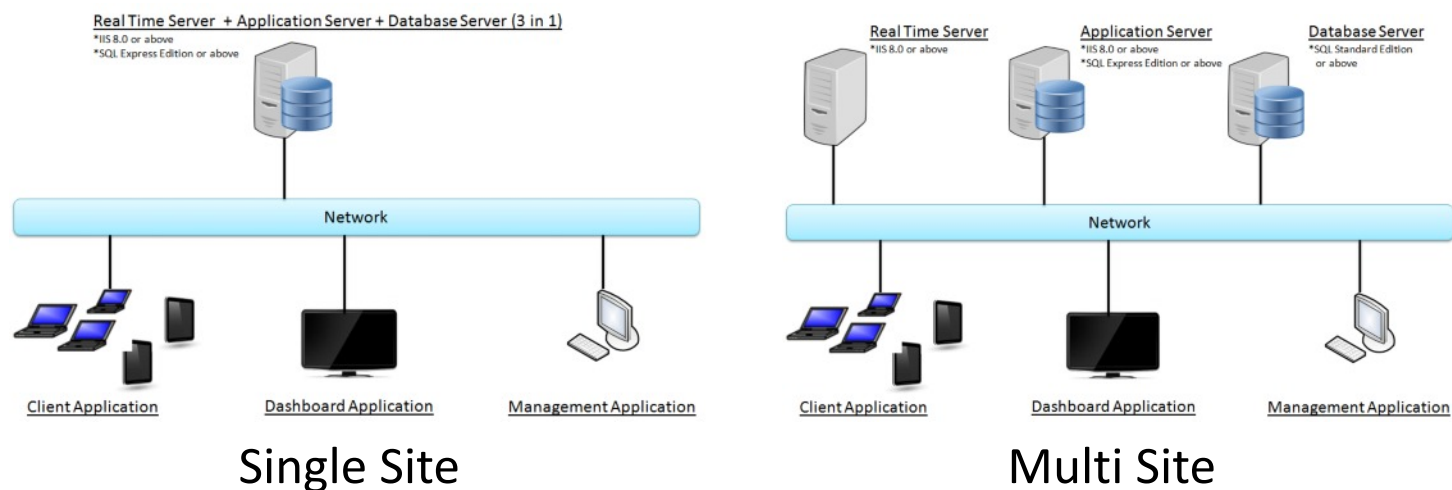
## ORBITAL INSIGHTS Cloud Services

All our modules are available to be delivered as Software-as-a-Service. By hosting the platform using cloud services, organisations will enjoy lower initial costs as SaaS applications are subscription based. SaaS simplifies deployment and scalability where customer can easily access the applications from any device with their browser and system expansion can be easily achieved with true multi-tenant architectures.