

The image shows a screenshot of the Omega Analytic Systems dashboard. It features a dark blue background with various data visualization elements. At the top right, the 'Omega ANALYTIC SYSTEMS' logo is displayed. Below the logo, there are several charts: a line chart showing occupancy levels over time (January to June), a bar chart showing occupancy levels by month, and an area map showing occupancy levels across different locations. On the right side, there are control panels for 'Maximum Occupancy' (a circular gauge), 'Cameras' (a camera icon), and 'Settings' (a gear icon). The text 'Occupancy Analytics & Control' is overlaid in large white letters on the left side of the dashboard. Below this, the text 'MAKE INFORMED DECISIONS' is displayed in white capital letters. At the bottom right, the text 'Health and Fitness Industry' is displayed in white.

Occupancy Analytics & Control

MAKE INFORMED DECISIONS

Health and Fitness Industry

During 2018 the UK health and fitness industry is expected to grow to a value of £5 billion, with a market penetration of 15% - a total membership of over 10 million people.

That's a lot of people and a lot more individual visits to the available facilities. How many members were in your facilities yesterday? Or right now? How many do you expect on a Tuesday afternoon?

Omega Analytic Systems Occupancy Analytics & Control system has been developed to provide answers to these questions and a whole lot more.

Control Occupancy, Inform Members

At a basic level, Occupancy Analytics & Control, (OA+C), is a system that counts people in and out of a controlled entrance to provide real-time, accurate occupancy levels.

The system seamlessly interfaces to existing or new access control systems and all types of entrance barriers - turnstiles, speed lanes, portals etc.

Members are counted both in and out of the facility by monitoring of their passage through the entrance barriers. A maximum occupancy level can be easily set to prevent further access when that maximum is reached. This not only provides valuable management information but also assists with regulatory compliance; FEEP, for instance. Depending on customer preference, staff can be included or excluded from the occupancy count.

Public display monitor(s) can be conveniently located at entrances or, for instance, remote reception areas. This provides clear real-time occupancy levels to your members in percentage or number of persons. Content of these displays can be bespoke to each customer including branding and they can be used for advertising purposes too.

The OA+C controller incorporates a secure web server which can provide simple integration with your own website to inform your members of the current occupancy level from any PC or mobile device enabling them to time their visit by preference. Enhancing the customer experience assists with gaining and retaining members.

Monitor Occupancy, Analyse Efficiency

Control, monitoring and configuration of the OA+C system is also web server based and is accessed via a dedicated password protected dashboard. This means that you and your authorised staff can access the dashboard from any browser on your network, no additional hardware or software required, and from any mobile device with remote access permission. You can access contextual information on all your facilities from anywhere.

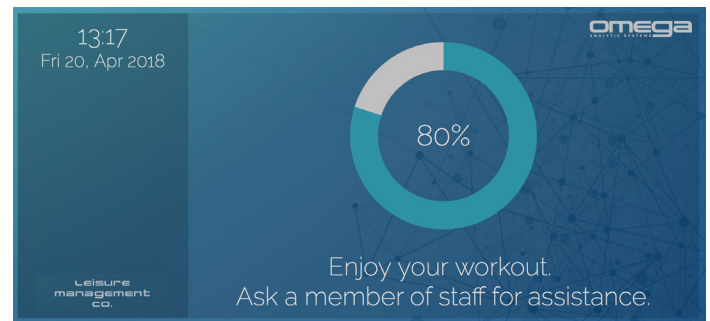
The dashboard provides real-time, historical and predictive data in a series of clear graphs and datasets empowering you and your staff to gain insight, inform your decisions and manage efficiency - why have more or less staff on site than is required? Even out your occupancy levels by marketing for attendance during specific periods allowing efficient staff planning and management.



Dashboard key features:

- System configuration: including, network parameters, site details, CCTV integration, security settings.
- Control: including, occupancy level settings, remote entrance control functionality, emergency (fire alarm etc.) function.
- Monitoring: including, real-time historical and predictive occupancy data, emergency alarms, entrance lane alarms, entrance CCTV cameras.
- Data download: Download/export of the stored occupancy data.

From complimentary products to enhance the user experience to advanced contextual information systems that turn data into value, we welcome you to have a closer look at the services and products that we can provide for you.



Architecture, Infrastructure & Integration

The system controller consists of an embedded Single Board Computer (SBC) and an input/output board. This unit is usually located adjacent to the access control equipment at the entrance. The entrance barriers, access control and tertiary systems are interconnected to the system via the input/output board with standard cabling. An optional keyswitch enabled manual control panel facilitates basic on-site management of the system without the need to access the dashboard.

The Omega Analytic Systems software on the SBC includes operating system, applications, database and web server. Bespoke configurations and functionality are available on request.

The controller and remote public display monitors communicate via standard connections to the customers IP network.

Third party systems can be integrated, for instance:

- Environmental systems – reduce heating/cooling when occupancy is low
- Security systems – part set intruder alarm system when occupancy is zero

Omega Analytic Systems

Omega Analytic Systems is a young company but rich in experience.

Born from a desire within our sister company, Omega Security Systems, to embrace innovative technologies to transform businesses and lives, we treasure this heritage – it's what drives our progress.

At our core is the desire to create systems to improve the professional and personal lives of everybody. It is our fundamental aspiration.

Gain insight, inform your decisions and manage efficiency.

- Compliance with fire emergency evacuation plan (FEPP) etc.
- Utilise existing access control and entrance barriers
- Standard browser interface
- Greater control over facilities
- Remote monitoring and management
- Accurate Management Information
- Enhance the customer experience
- Real-time data delivered at the moment of need
- Optimise your operations
- Manage staff efficiently
- Target marketing strategies effectively
- Turn data into value