



Avigilon™

AREA MANAGER

Area Manager is an innovative web platform designed for the efficient management of shared spaces, featuring native integration with **Avigilon Unity Access**.

It enables organizations to define, organize, and control multiple spaces securely and in real time, while maintaining centralized access control.



ACCESS GRANTED

Our Solution

SMART SHARED SPACE MANAGEMENT

Built with a modern, responsive interface, Area Manager simplifies the daily management of physical spaces while leveraging the powerful access control capabilities of Avigilon Unity Access, Avigilon's on-premise access control solution.

FLEXIBLE OPERATING MODES

Area Manager offers two flexible operating modes, allowing organizations to choose the workflow that best fits their operational needs.

DIRECT MANAGEMENT THROUGH UNITY ACCESS

In this mode, administrators manage spaces directly within Unity Access, using its full access control capabilities.

Area Manager acts as a visualization and analytics layer, providing interactive dashboards, real-time occupancy monitoring, and advanced reporting. This gives managers valuable operational insight while all configurations and access policies remain controlled within Unity Access.

MANAGEMENT THROUGH THE AREA MANAGER PORTAL

Alternatively, administrators can manage spaces through the Area Manager web portal, which offers a simpler and more user-friendly interface for day-to-day operations. Spaces, permissions, and occupancy are configured within the portal and automatically synchronized

with Unity Access, ensuring centralized and consistent access control.

DESIGNED FOR COMPLEX ENVIRONMENTS

One of Area Manager's key advantages is its support for nested spaces — spaces within spaces.

This hierarchical structure allows organizations to model complex environments such as large facilities, corporate campuses, or multi-zone infrastructures.

Users can access multiple spaces simultaneously, with customized permissions assigned to each space, ensuring flexibility while maintaining security.

Three configurable permission levels provide granular control over who can view, manage, or administer spaces, supporting structured governance in multi-user environments.

REAL-TIME MONITORING & INSIGHTS

The interactive dashboard offers a live view of space occupancy, allowing operators to respond quickly to capacity issues or operational anomalies.

In addition, occupancy reports provide historical data and usage insights that support better planning, optimization, and decision-making. With its fully responsive design, Area Manager works seamlessly on desktop and mobile devices, allowing managers and operators to monitor and manage spaces anytime, anywhere.



Key features

DUAL OPERATING MODES

Manage shared spaces via the Area Manager web portal or directly through Avigilon Unity Access.

NESTED SPACE SUPPORT

Create spaces within spaces with flexible multi-level hierarchical configurations.

UNITY ACCESS INTEGRATION

Seamless integration with Avigilon Unity Access for centralized access control.

USER PERMISSION MANAGEMENT

Three configurable permission levels with the ability to assign specific spaces to individual users.

COMPREHENSIVE REPORTS

Generate occupancy and usage reports to support operational planning and decision-making.

INTERACTIVE DASHBOARD

Monitor real-time occupancy and space status across the entire facility.

RESPONSIVE WEB INTERFACE

Accessible from desktop and mobile devices for flexible management.



Technical specifications

SYSTEM REQUIREMENTS

Avigilon Unity Access Server installed and running on the network

Windows Server to host the solution (website + Windows service + SQL Server Express database)

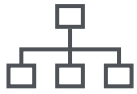
Optional use of Unity Video Server if already deployed

Local Network (LAN) or VPN connection for communication with Unity Access

Modern Web Browser (Chrome, Firefox, Edge, or Safari – recent versions)

Internet or internal network access to reach the web platform

Avigilon Unity Access administrator credentials for the initial setup



Use cases

CAR PARKING

Manage parking areas and sub-zones, control vehicle access through Unity Access, and monitor real-time occupancy levels.

Ideal for corporate campuses, residential complexes, and public parking facilities that require structured access control and capacity monitoring.

CO-WORKING SPACES

Operate shared workspaces, meeting rooms, and private offices with flexible access permissions for members.

Area Manager simplifies the management of dynamic users, memberships, and occupancy levels, while maintaining centralized access control.

OFFICE BUILDINGS

For multi-tenant office environments, Area Manager allows administrators to define floors, departments, and restricted areas as hierarchical spaces.

Access rights can be assigned per company, team, or employee, ensuring efficient and secure facility management.

CONGRESSES AND TRADE FAIRS

During events, exhibitions, or conferences, organizers can manage multiple halls, restricted areas, VIP zones, and staff sections. Temporary access permissions can be assigned to exhibitors, staff, and attendees, while occupancy monitoring ensures operational control and safety.

OTHER APPLICATIONS

Area Manager can also be deployed in environments such as educational campuses, healthcare facilities, sports venues, cultural centers, logistics hubs, and residential complexes.

Any organization that needs to manage multiple areas, control access permissions, and monitor space usage can benefit from the flexibility of Area Manager.

Ordering information

TW-UNITY-VIDEO-AREA-MANAGER

Web platform featuring native integration with Avigilon Unity Access.



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