

OCTOPUS

Integration Middleware

Overview

Octopus is a powerful middleware platform designed to seamlessly integrate various systems using versatile adapters. It connects key platforms such as Video Management Systems (VMS), Access Control, Fire Alarm systems, License Plate Recognition (LPR), Building Management (BMS) and many more, allowing your business processes to be more intuitive, integrated, and connected.



Features



Centralized Management



Distributed Architecture



Cross-Site Alerting



Event Filtering



Alarm Triggering



Integration Capabilities



Scalability



License Based



Audit Trail



Notification Channels



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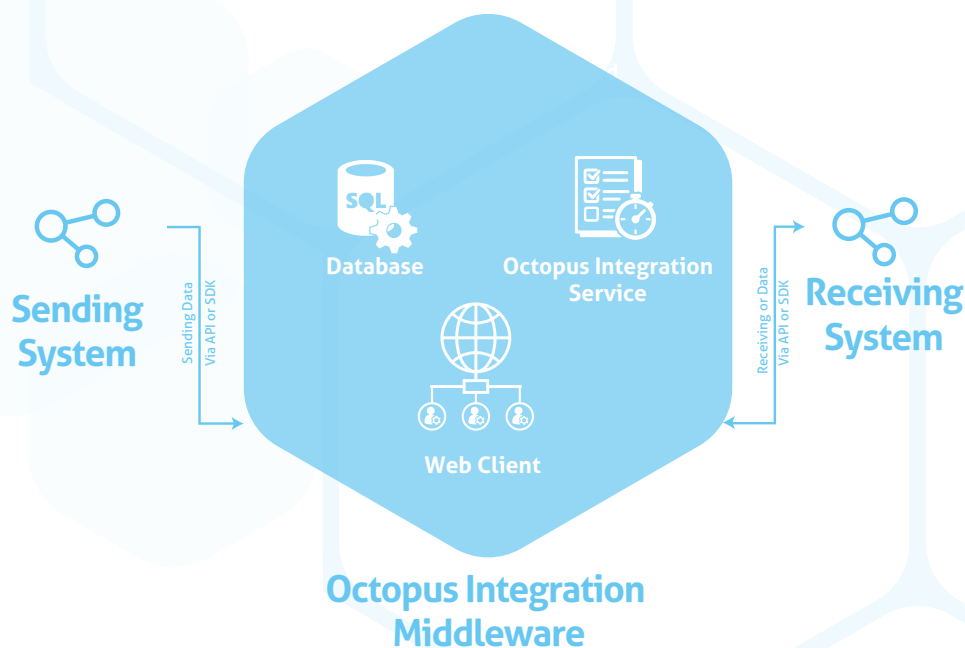


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Octopus System Architecture



System Component	Description
Sending System	This component represents the systems that feed data into the Octopus Integration Middleware. Multiple sending systems can be connected simultaneously, providing a variety of data inputs to the middleware. Examples of these systems include Video Management Systems (VMS), Access Control, Fire Alarm systems, Building Management Systems (BMS), perimeter security, intrusion detection, and more. By integrating these diverse systems, Octopus enables a streamlined, unified flow of information, enhancing situational awareness and improving operational efficiency.
Octopus Integration Service	Responsible for the integration and real-time data exchange between various systems: <ul style="list-style-type: none">• Database: The database stores and manages data received from sending systems and makes it accessible for further processing and analysis.• Octopus Integration Service: This service handles the core integration tasks, including data routing, transformation, and synchronization between sending and receiving systems. It ensures that data flows seamlessly and securely across the architecture.• Web Client: The web client serves as the user interface for interacting with the middleware. Through this interface, users can monitor system status, access data, and manage system configurations. The web client simplifies the interaction with integrated systems, offering centralized control and visibility.
Receiving System	This component represents the systems or applications that receive data from the Octopus Integration Middleware. These receiving systems benefit from the aggregated, filtered, and transformed data, enabling them to make informed decisions based on comprehensive real-time information. The receiving system can be any application or system that requires integrated data to operate, such as command centers, incident management platforms, or analytical tools.

For the list of the integrated platforms send an email to sales@systeminence.com



Technology Partner



About Systeminence

Systeminence is a software development company that specializes in designing, developing, and executing License Plate Recognition (LPR) and software integration solutions for video surveillance. We employ an agile and flexible software development approach to assist you in saving time when dealing with mission-critical situations and simplifying your day-to-day tasks, thereby making your business processes more intuitive, connected, and integrated.