

SMOC

SECURITY MANAGEMENT ORCHESTRATION CENTER

**TRANSFORMING FRAGMENTED
SECURITY INTO A UNIFIED, INTEGRATED,
CENTRALIZED INTELLIGENCE**

A PRODUCT BY **LENSEC**

SMOC – SECURITY MANAGEMENT ORCHESTRATION CENTER

SMOC is a Physical Security Information Management (PSIM) platform designed to orchestrate all security systems into one intelligent dashboard. With SMOC, organizations eliminate silos, streamline operations, and shift from reactive security to a fully proactive strategy.

WHY SMOC?

A Single Source of Truth for Enterprise Security

SMOC eliminates the complexity created by siloed systems. With unified control, security teams gain the visibility, consistency, and speed needed to protect people and assets.

KEY BENEFITS

- **Unified Security Control**

Bring access control, video, sensors, analytics, alarms, and building systems into one browser-based interface.

- **Real-Time Intelligence**

Act quickly with a live overview of all sites, automated alerts, and guided workflows that reduce response time.

- **Simplified Operations**

Eliminate the manual switching between systems with a single, integrated dashboard designed for faster decisions.

- **Enterprise Scalability**

Deploy SMOC across multi-site environments, distributed locations, or high-security critical infrastructure.

- **Automation That Works for You**

Trigger automated actions across systems—from camera presets to access lockdowns—to handle incidents faster and smarter.

- **Hardware-Agnostic Flexibility**

Integrates seamlessly with leading security brands and third-party systems without vendor lock-in.

FROM REACTIVE TO PROACTIVE SECURITY.

BUILT FOR MODERN ENTERPRISE SECURITY



Browser-based



Fast deployments



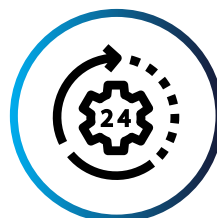
Strong cybersecurity
compliance



Cloud-ready



Customizable
workflows



Built for 24/7
operations

INTEGRATIONS & ECOSYSTEM

SMOC integrates with industry-leading technologies, including:

- Access Control Systems
- Fire Alarm Panels (auto-display video, highlight zones)
- Intrusion & Motion Detection
- Gates, Barriers, Blockers & Bollards
- Building Management Systems (HVAC, lighting, elevators)
- IoT Devices & Sensors (temperature, motion, gunshot, etc.)
- Third-Party Security Devices (intercoms, panels, analytics)

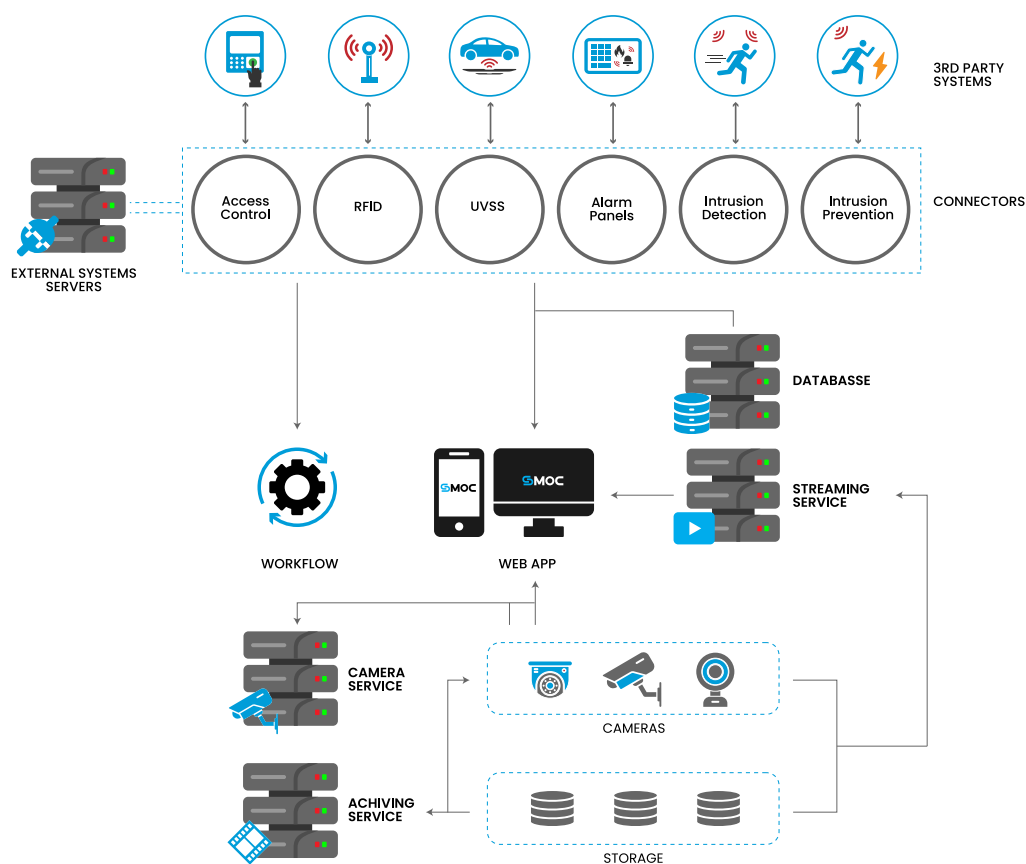
KEY FEATURES

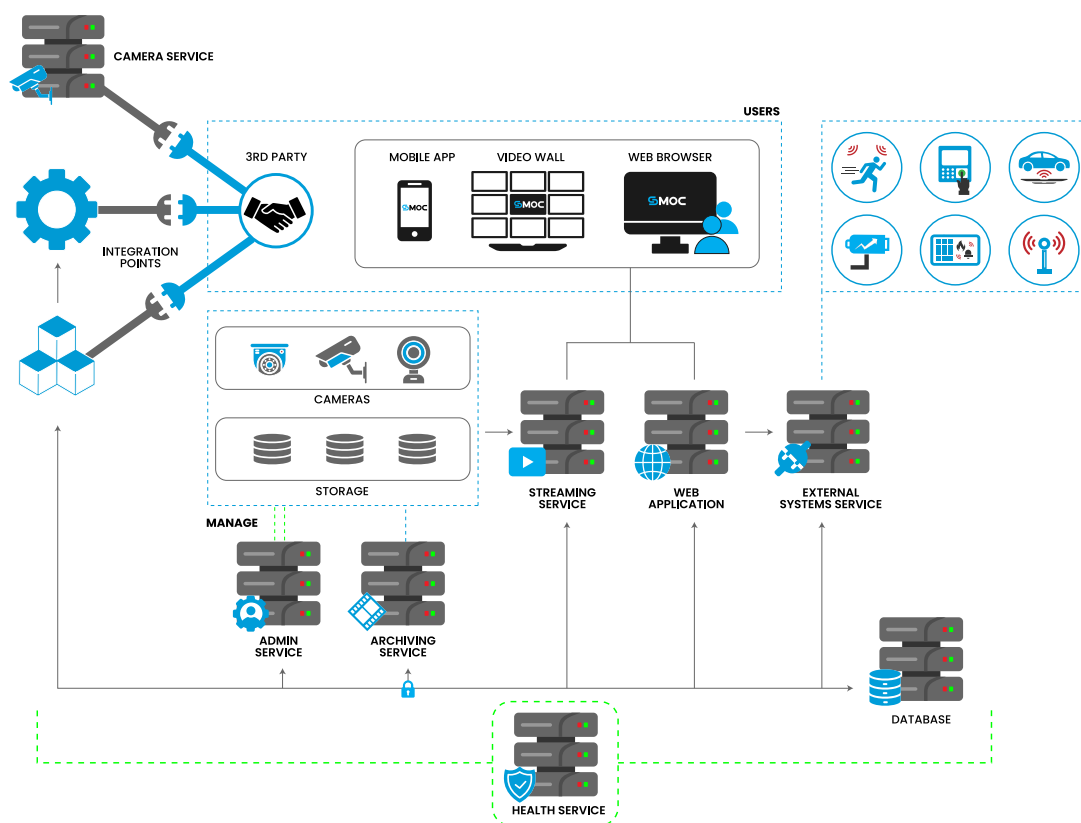
- **Unified Interface:** All systems. One dashboard. Zero complexity.
- **Seamless Third-Party Integrations:** Connect with access control, VMS, alarms, analytics, sensors, IoT, building management, and more.
- **Real-Time Monitoring & Alerts:** View live system health, events, and alarms with instant actionable insights.
- **SOP & Workflow Automation:** Automated, policy-driven workflows ensure faster, consistent incident handling.
- **Advanced Reporting:** Generate centralized reports across all sites to support audits, investigations, and compliance.
- **Scalable Architecture:** Built to grow from single sites to global enterprise deployments.

ARCHITECTURE OVERVIEW

Modular, API-driven, and integration-ready

SMOC is designed on a secure, scalable architecture that supports enterprise deployments and high-volume event processing.





DEPLOYMENT OPTIONS

- On-premises
- Hybrid architecture
- Private cloud installation
- Multi-site federation
- Partner-led deployment

LICENSING MODEL

- Tiered site-based licensing
- Add-on integrations per module
- Annual support & update subscription
- Partner margin-friendly pricing

SUPPORT & SERVICES

- 24/7 global support
- Comprehensive documentation
- Partner training and certification
- Implementation assistance
- Custom workflow design services

READY TO UNIFY YOUR SECURITY ECOSYSTEM?

Discover how SMOC transforms complex security environments into a proactive, automated, and intelligent command platform.

PRODUCT FEATURE MATRIX

Feature Set	Professional	Enterprise Edition
Number of Users/Client Workstations	Unlimited	Unlimited
Number of Cameras	Unlimited	Unlimited
Number of Servers	Unlimited	Unlimited
Number of Integration Modules	Unlimited	Unlimited
Browser-based with Administration Module	✓	✓
Multi-Language Support	✓	✓
Global Search	✓	✓
Multi-View/Multi-Monitor	✓	✓
Mobile Device (Android, iOS)	✓	✓
Maps Integration with Live Viewing	✓	✓
Simultaneous Live/Archive Viewing	✓	✓
Configuration/Health/Analytics Report	✓	✓
Open API	✓	✓
Video Tagging	✓	✓
Virtual Machine Support	✓	✓
Share View	✓	✓
Neighboring Camera Associations	✓	✓
Time-lapse Extractions	✓	✓
Multisite/ Interlink	Central & Remote site	Central & Remote site
Archive Locking	✓	✓
Archive Timeline Forensics	✓	✓
Video Importing	✓	✓
Advanced Workflow Logic	✓	✓
Embedded Camera Live Events	✓	✓
Archive Encryption	✓	✓
Dashboard - Basic	✓	✓
Dashboard - Full	✓	✓

PRODUCT FEATURE MATRIX

Feature Set	Professional	Enterprise Edition
Linked Cameras	✓	✓
Failover	-	✓
Active Directory	-	✓
Live Maps/ GIS	-	✓
Forensic Search	-	Add-on
Fleet Module	Add-on	Add-on
Access Control Integration	Add-on	Add-on
Video Analytics	Add-on	Add-on
Fire Alarm Integration	Add-on	Add-on
Intrusion Detection/ Prevention	Add-on	Add-on
Gates/ Barriers/ Blockers/ Bollards	Add-on	Add-on
Building Management Systems (BMS)	Add-on	Add-on
IoT	Add-on	Add-on
Third party Security devices	Add-on	Add-on

SYSTEM REQUIREMENTS

SMOC operates using an HTML5 platform and is run as a thin-client through all widely used modern web browsers such as Google Chrome and Microsoft Edge.

For servers and client recommendations, LENSEC recommends Microsoft platforms including Windows Server (Versions 2022, 2019 and 2016), as well as Windows desktop versions of Windows 11 and 10 Professional 64-bit.

Client Minimum Hardware Requirements

Client Hardware	Client Hardware
Processor: 2.4 GHz (x64 Processor) or 1.3 GHz (Dual Core)	Client OS: Windows 10 or 11
Memory: Minimum 8 GB RAM	Client OS: Mac OS X or above
Available Disk Space: Minimum 10 GB	Browser: Google Chrome and Microsoft Edge
Display: SXGA (1280 x 1024) or higher resolution	

***NOTE:** Specifications may vary based on anticipated video streaming requirements per installation.

Server Minimum Hardware Requirements

Web Server And Archive/Streaming Server

Server Hardware	Server Software
Processor: 2.4GHz, 4C/8T (x64 Processor)	Server OS: Windows 10/11 Pro or above; Windows 2016 Server or above
Memory: Minimum 16 GB RAM	Web Server: Internet Information Services 10 or above
Available Disk Space: Minimum 8 TB	Microsoft .NET: Version 8.0
OS Partition: Minimum 1 x 500 GB SSD	
Network Interface Controller: Minimum 1 GB	

Database Server

Server Hardware	Server Software
Processor: 2.4GHz, 4C/8T (x64 Processor)	Server OS: Windows 10/11 Pro or above; Windows 2016 Server or above
Memory: Minimum 16 GB RAM	Database Server: Microsoft SQL Database 2014 or above in Express, Standard or Enterprise editions
Available Disk Space: Minimum 500 GB	

***NOTE:** all services may be installed on a single standalone server or multiple servers as network conditions allow.

****NOTE:** Server requirements vary depending on the number of cameras, resolution, storage capacity, and retention period. The calculations below are based on 16 cameras streaming at 1080p, 25 fps with 30 days of recording at 3 Mbps.

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