



- **Camera:** Scalable up to 65,535
- **Location:** Scalable up to 1,000
- **Users:** Scalable up to 65,535
- **Integration:** API, Weighbridge, I/O Integration
- **Optimization:** Up to 50%; Storage and Bandwidth

Matrix Video Management Software SAMAS is equipped with advance functionalities such as License Plate Recognition, E-map Monitoring, and Vehicle Counting along with user flexibility with defined Roles and Rights that ensure proactive security. Furthermore, its decentralized architecture provides higher scalability that suffices small to large enterprises needs in addition with the ability to integrate with various security systems present in an organization.

USP



Centralized Management and Control



Cognitive Response Engine with Automated Monitoring (CREAM)



Third Party Peripheral Integration



Vehicle Tracking and Parking Management



People Movement and Counting



Dual Failover ISP Support

TECHNICAL SPECIFICATIONS	
Functionality	Specifications
Default no of camera licenses	5
Maximum number of supported cameras	65535
Maximum number of cameras per recording server	255
Default number of concurrent users	1
Maximum number of concurrent users	65535
Maximum number of supported recording server	65535
ONVIF support	YES (ONVIF G)
Architecture & Deployment	Centralized Distributed
Integration	Relay based third party controllers Matrix Access Control Matrix Telecom Weigh Bridge
VMS Component	Management Server Recording Server Notification Server IVA Server License Server Admin Client Smart Client Multi Display Client Failover Server
Centralized Management & Control	Yes
Failover Recording (Recording Server)	Yes
Multi User Login	Yes
User Password reset	Yes (OTP SMS / EMAIL)
Video Wall/Multi Display	YES
Email & SMS Alerts	Yes (Multiple Users)
Storage	Local Drives NAS FTP
Recording Type	Continuous Manual Motion Event Adaptive

Backup & Archiving	Primary Backup Two level Archiving
Multiple ISP support	Dual
Day highlight & Clip capture	Yes
Configuration clone/copy	Yes
Camera grouping	Yes
PTZ positions & tour configuration	Yes
Operating System Platform	Microsoft Windows
Supported Database	MS-SQL
Free Recording Server	Yes
Support of Matrix NVR as edge recording device	Yes
Support of Matrix IP Camera with SD card as edge recording device	Yes
Free Mobile app	Yes, on Play store & iTunes
SSL Login	Yes
Video compression formats	H.265/ H.264 / MPEG-4 /MJPEG
Video export formats	Native (Proprietary format)/AVI
Separate client for configuration & viewing	Yes
Archiving to network storage (NAS)	Yes
Incident management work flow	Acknowledge, Comment, Close
Multiple Password policy configuration	Yes
Watermarking on export	Image/Video
Activity and Event Logs	Yes
Emap/Sitemap support	Yes
Two-way audio support	Yes
Bookmarking & Evidence Lock	Yes
System Monitoring & Health Status	CPU & RAM usage, Server Availability
Standalone I/O Sensor Panel support	Yes
System Account Users	Administrator/Operator/User
File Templates	File Import/Export
Notification	Yes (Video pop-up/SMS/Email/Emap/Audio)
Roles and Rights	Yes (User based/Location based/Application based)

User defined events and alerts	Yes
View Share to other operator / User	Yes
On screen PTZ controller	Yes
Four simultaneous stream support	Live/Recording/Mobile/Local
Active Directory Support	Yes
Investigator for post analytics (free basic analytics on play back)	Yes
Live view / Playback on different view layout (Maximum 64 Camera)	Yes
User defined Default Login layout	Yes
Storage and bandwidth optimization feature	Adaptive recording/Two level archiving technique/ Optimize Bandwidth
Advance report generation tool with report scheduler	Yes
Reports & Format	Tabular, Graphical, Line, Bar, Column in PDF & Excel
Cognitive Response Engine with Automated Monitoring	Multiple Actions against multiple & combinational events Logical grouping of event and actions
Perimeter Management	Enterprise Intelligent Video Analytics (EIVA) Intrusion Zone (Directional Intrusion Detection Event) Security Line (Tripwire, Tailgating) Perimeter Zone (Motion, No Motion, Camera Tampering, Missing Object, Loitering)
Parking Management	Vehicle Tracking & Parking Management (VTPM) Parking Occupancy Sensor Unauthorized Parking Prohibited Parking Improper Parking Slot Available Slot Occupied Vehicle Overstay Parking after closing service Vehicle Number Modified Vehicle counts (IN/OUT) Premise availability Dashboard & Widget
Crowd management	People Movement & Tracking (PMTc) People IN/OUT Counting Premise Availability Live count on Dashboard

SATATYA SAMAS

Video Management Solution



Vehicle Management	Automatic Number Plate Recognition (ANPR) Vehicle Detection License Plate Recognition Vehicle Whitelist/Blacklist/Authorized/Unauthorized/Allowed/Not Allowed Auto Authorization & Restriction
ANPR Supported Country	Algeria, Argentina, Australia, Belgium, Bolivia, Botswana, Brazil, Bulgaria, Cambodia, Canada, Cape Verde, Chile, Columbia, Costa Rica, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Ecuador, El Salvador, Estonia, Germany, France, Greece, Guatemala, Honduras, Hungary, India, Iceland, Italy, Israel, Italy-Moped, Italy-Vintage, Kenya, Latvia, Malaysia, Namibia, Norway, Netherland, Peru, Portugal, Poland, Romania, Singapore, Slovakia, South Africa, South Africa, Spain, Sweden, Switzerland, Turkey, Turkey-Inverse, UK Great-Britain, Ukraine, Uruguay, Venezuela, Vietnam

ABOUT MATRIX

Established in 1991, Matrix is a leader in security and telecom solutions for modern businesses and enterprises. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in security and telecom industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products such as Unified Communications, IP-PBX, Universal Gateways, Convergence, VOIP Gateways, GSM Gateways, IP Video Surveillance, Access Control and Time-Attendance. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 1000 system integrators, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many national and international awards for its innovative products.



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