AGENT Vi

Product Characteristics	
Architecture	Distributed analytics, Server analytics
Operation modes	Continuous (real-time indexing), Offline (imported clips)
Supported operating systems	Windows Server 2008 SP2 or R2 (32-bit and 64-bit), Windows 7 (32-bit and 64-bit)
Supported sensor types	Black & White, Color, Thermal
Supported edge devices for Optimized Offering	Axis, Siqura, Sony, Verint, Vivotek Contact info@agentvi.com for additional devices and supported models
Supported VMS	Cisco, Genetec, Milestone, OnSSi, Vicon Contact info@agentvi.com for additional vendors and supported versions
Supported file formats (imported clips)	AVI, ASF, MPEG, MPG, WMV

Management	
Features for Large Scale Deployments	
Centralized management	Centralized server manages all the edge devices and executes the search on all the edge devices
Automatic Scene Learning (ASL)	Automatic calibration and camera configuration
Search on groups of edge devices	Search can be performed on multiple edge devices simultaneously
Bulk edge device management	Edge devices can be configured as a group
Automatic edge device discovery	Edge devices can be automatically added to the server without manually specifying their IP address
Automatic mapping to VMS cameras	Edge devices with embedded agents can be automatically linked to the corresponding cameras within the VMS
Database	
Redundancy / failover	
Backup and restore	
Automatic archiving	

Performance	
Number of edge devices in simultaneous search	Unlimited
Number of imported clips in simultaneous offline search	Unlimited
Number of detected targets	Unlimited
Number of detection areas	Unlimited
Number of time frames / ranges	Unlimited
Indexing time of imported video	Approximately x10 when indexing video clips in 4CIF resolution
Query time	5 seconds per camera per 24 hours recording
Hardware Requirements for 200 Cameras*	
Vi-Search Server	Intel Core i7 2.8 GHz (with 4 cores, or similar), RAM - 4 GB, Hard drive - 400 GB (per month)

Search Querying and Monitoring Application (Vi-Search Client)		
	Vi-Search Basic	Vi-Search Professional
Search in Defined Time Periods		
Search within specific time frame	❋	❋
Search within recurring time frame	❋	❋
Search for Target Types		
Person – adult / child / configurable height	❋	❋
Vehicle – small / large / configurable size	❋	❋
Static Object – configurable size	❋	❋
Search for Target Behavior		
Moving (person / vehicle)	❋	❋
Stopped (vehicle)	❋	❋
Crossing a line (person / vehicle)	❋	❋
Occupancy (person)	❋	❋
Crowding (person)	❋	❋
Added / Removed (object)	❋	❋
Search Filters		
Configure detection area	❋	❋
Detect color presence	❋	❋
Configure search sensitivity	❋	❋
Define behavior over time period (dwell time)	❋	❋
Search for similar target / object		❋
Result Display and Analysis		
Number of display options	1	6
Display by video playback thumbnails (with markup)	❋	❋
Save results	❋	❋
Export selected clip	❋	❋
Display by statistical report		❋
Display by target path / location markups		❋
Activate playback through target path / location markup		❋
Display heat map		❋
Display "target path" or "heat map" on site map		❋
Display by video summary		❋
Save queries		❋

*When using embedded edge devices (Optimized Offering)

The table refers to the product version identified above, and does not contain the full features and functionalities of Vi-Search, or design aspects that may affect or limit some of the features or functionalities.

Additional information is available on Agent Vi's website www.agentvi.com, including in the Vi-Search Product Brochure, or in Agent Vi's extended documentation and manuals which are available to Agent Vi's partners. For specific queries, please contact support@agentvi.com