

Proposal

Configuration Date: 08.01.2026
 Project Name: Project #1
 Product: VMS IncoreSoft

Partner Details

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User-Specified Request

General and Hardware

Setup Configuration: SERVER
 Maximum CPU Load: 70%

Storage

Archive Depth (Days): 30
 Percentage of Day: 100%
 Storage Type: HDD

Calculation Camera Information

Group Name	Cameras	Activity	Recording	Motion Detection	Archive Depth (Days) / Percentage of Day	Stream	Resolution	FPS	Codec	Bitrate
Group #1	70	MEDIUM	On	On	-	Main	1920x1080	15	H264	2.37
						Substream	640x360	6	H264	0.11
Group #2	30	MEDIUM	On	On	-	Main	2688x1520	15	H264	4.68
						Substream	640x360	6	H264	0.11

Result of Calculation - Hardware Recommendations

Number of Servers	Server Platform	Max CPU load	RAM	Storage	Storage Recording Rate	LAN Bandwidth
1	Intel Xeon w9-3475X	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon Platinum 8380 @ 2.30GHz	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon w7-2495X	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Dual Intel Xeon Gold 6248R	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3375 @ 2.50GHz	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3365 @ 2.70GHz	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon Platinum 8358 @ 2.60GHz	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3345 @ 3.00GHz	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3275 @ 2.50GHz	10-20	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Dual Intel Xeon Gold 6226R	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3335 @ 3.40GHz	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon Gold 6248R	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s

Number of Servers	Server Platform	Max CPU load	RAM	Storage	Storage Recording Rate	LAN Bandwidth
1	Intel Xeon Gold 5320	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Dual Intel Xeon Silver 4216	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-2295 @ 3.00GHz	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3245 @ 3.20GHz	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3265 @ 2.70GHz	20-30	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-2195 @ 2.30GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Dual Intel Xeon Silver 4214	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-2275 @ 3.30GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon Gold 6226R	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3235 @ 3.30GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-2265 @ 3.50GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-3323 @ 3.50GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Dual Intel Xeon Silver 4210	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-1370 @ 2.90GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-1390 @ 2.80GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-2175 @ 2.50GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-1290P @ 3.70GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-2255 @ 3.70GHz	30-40	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon Silver 4216	40-50	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon W-2150B @ 3.00GHz	40-50	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Dual Intel Xeon Silver 4208	40-50	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon Silver 4214	50-60	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
1	Intel Xeon Silver 4210	60-70	16 GB	98.04 TB	39.66 MB/s	380.76 Mbit/s
2	Intel Xeon Silver 4208	30-40	16 GB	49.02 TB	19.83 MB/s	190.38 Mbit/s