IncoreSoft

Proposal

Configuration Date:	26.09.2025
Project Name:	Project #1
Product:	VMS IncoreSoft

Partner Details

Full Name:	Vitalii Kazymyrovych
Company:	Incoresoft Ukraine LLC
Email:	vitalii.kazymyrovych@incoresoft.com
Phone:	-

User-Specified Request

General and Hardware

Setup Configuration:	SERVER
Maximum CPU Load:	70%

Storage
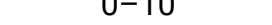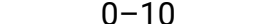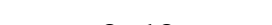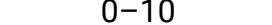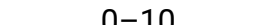
Archive Depth (Days):	45
Percentage of Day:	100%
Storage Type:	HDD

Calculation Camera Information

Group Name	Cameras	Activity	Recording	Motion Detection	Archive Depth (Days) / Percentage of Day	Stream	Resolution	FPS	Codec	Bitrate
Group #1	50	MEDIUM	On	Off	-	Main	2688x1520	15	H265	2.34

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	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Platinum 8380 @ 2.30GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon w7-2495X	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Dual Intel Xeon Gold 6248R	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3375 @ 2.50GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3365 @ 2.70GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Platinum 8358 @ 2.60GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3345 @ 3.00GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3275 @ 2.50GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Dual Intel Xeon Gold 6226R	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3335 @ 3.40GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Gold 6248R	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Gold 5320	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Dual Intel Xeon Silver 4216	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s

Number of Servers	Server Platform	Max CPU load	RAM	Storage	Storage Recording Rate	LAN Bandwidth
1	Intel Xeon W-2295 @ 3.00GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3245 @ 3.20GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3265 @ 2.70GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-2195 @ 2.30GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Dual Intel Xeon Silver 4214	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-2275 @ 3.30GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Gold 6226R	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3235 @ 3.30GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-2265 @ 3.50GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-3323 @ 3.50GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Dual Intel Xeon Silver 4210	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-1370 @ 2.90GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-1390 @ 2.80GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-2175 @ 2.50GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-1290P @ 3.70GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-2255 @ 3.70GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Silver 4216	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon W-2150B @ 3.00GHz	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Dual Intel Xeon Silver 4208	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Silver 4214	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Silver 4210	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s
1	Intel Xeon Silver 4208	0–10	8 GB	54.23 TB	14.62 MB/s	140.40 Mbit/s