icetana AI Antara Core

On-Prem Intelligence for Security Operations

Antara Core brings modern AI capabilities directly into your security environment. Running fully on-premises, it enables security teams to analyse events, generate reports, and automate operational workflows, without sending sensitive video data to the cloud.

By adding an AI intelligence layer to existing surveillance systems, Antara Core transforms security operations from manual monitoring into intelligent, AI-assisted decision-making.

Key Benefits

- **Predictable Pricing:** One flat annual fee. No usage spikes, no bill shock, no surprises. You always know what you're paying.
- **On-Premises Deployment:** AI runs inside your own infrastructure. No sensitive video data ever leaves your environment.
- **Secure by Design:** Ideal for restricted or air-gapped environments where cloud AI cannot be used.
- **Scalable Processing:** Designed to support large camera networks (600+ cameras) and growing security operations.

Antara Core VS OpenAI - Understanding the Value

Antara Core powers your agentic AI on-premises for a flat annual fee. If you chose to run the same workload through OpenAI, the equivalent cost would range from $40,000 to $320,000 USD per year, depending on the model selected. And that price can change at any time.

	Antara Core	OpenAI
Annual Cost	$40,000 USD (flat)	$40,000 – $320,000 USD (variable)
Pricing Predictability	Fixed	Subject to change
Cloud Dependency	None, fully on-prem	Yes
Data Privacy	All data stays on-site	Data sent to external cloud
Bill Shock Risk	None	High

With Antara Core, you get the equivalent AI processing power of OpenAI's top models, at a fixed price, on your own infrastructure, with no risk of unexpected costs.

What Antara Core Powers

Antara Core is the AI engine that drives icetana AI's agentic capabilities, powering:

- Triage Agent
- Relay Agent
- Hazard Detection
- Incident Reporting

Note: These capabilities can also be powered by OpenAI, but at significantly higher and unpredictable cost.

Server Specifications (600 Cameras)

The following are the server specifications tested and recommended by icetana AI for Antara Core. A minimum of four supported NVIDIA GPUs is required for installation.

Component	Specification
CPU	2 x Intel Xeon Silver 4210 (10C/20T, 2.20-3.20GHz, 85W) or similar
RAM	128GB
OS Drive	2x 480GB SSD (RAID 1)
GPU	4x NVIDIA GPU
LAN	2x 1Gbps
PSU	2x 1100W Redundant Mode
Operating System	Ubuntu Server 22.04 or Red Hat Enterprise Linux 8

Antara Core requires at least four supported GPUs for the installation. Refer to the following section to select a supported Nvidia GPU model. For any other Nvidia GPU models, please contact your icetana AI representative.