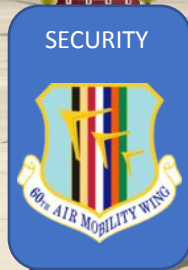


The SARAHAI™ Autonomous Sentry System

A Force Multiplier

Software
Defined Edge AI
Inferencing,
Detection, and
Alerting

- Critical Infrastructure Protection
- Access Control
- Patterns of Life
- Counterintelligence
- Situational Awareness
- Software Defined AI Computer Vision – For:
 - Object Detection and Alerting
 - Drones, etc.
 - EO, IR, MASINT, Mod Payload



The Human Problem

- Human Resources are High Value
- Harsh Weather Conditions
- Being in Harm's Way
- Mental Fatigue
- Limited Field of View
- Subject to Distraction
- Costs are Expensive
- Experience stays with Individual
- Humans are not networked



Solution The SAHARAI Autonomous Sentry System

- 24x7x365 Attention and Readiness
- Extreme Temperature Range Operation
- Edge Object Detection and Alerting
- Situational Awareness Software Defined Radio Concepts
- Centralized or Edge Big Data Analytics
- Heat Maps and Pattern Recognition
- Anomaly Detection
- Shared Experience Across Nodes
- Continuous Learning
- Scales as Needed
- Superior Economics
- Risk Mitigation
- Impressive Deterrence



Autonomous
Pan Tilt
Zoom and
Optical Flow
Object
Tracking
Technology

Economics

- Cost Range of a Human Security Guard in the USA
- \$72,800 - \$100,000



Two Year Cost: \$144,000 - \$200,000

Vs.


SARAHAI Autonomous Sentry
\$9995 Ea.
\$1995 Annual Support

Two Year Cost: \$13,985

The SARAHAI Autonomous Sentry is
10X Less Expensive.

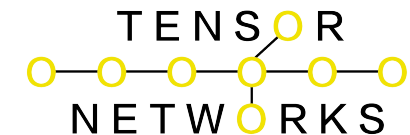
1x Human vs. 1x Machine

The cost of hiring a security guard ranges between \$35 and \$50 per hour, depending on the experience of the security guard and where you are based in the US. Typically, the cost of security isn't that expensive.

 Bark.com
<https://www.bark.com> > ... > Security Guard Services

Security Guard Costs 2021 | Price Of Security Guard Services

SARAHAI



Solution The SAHARAI Autonomous Sentry System COTS

- 4-Core CPU
- TPU Accelerator
- Edge Object Detection and Alerting
- Ethernet
- WiFi
- Day and Night Vision
- 4 Hour Battery Pack
- Local EdgeAI Processing/Inferencing
- Natural Language Processing
- IPX 7

Edge AI TPU ML Accelerator



Electro Optical with Infrared



4 Hour Battery Bank



IPX7 Speaker and Microphone