

EPOCH DRIVES YOUR MISSION FORWARD

Epoch integrates rugged GPU compute, hybrid cloud storage, autonomous ML, geospatial analytics, and zero trust access into one deployable package, sized to the site. The same architecture runs at a port of entry, a forward operating site, or a patrol vehicle, aligned to TIC 3.0 and FedRAMP.

KEY TAKEAWAY

CBP officers at remote sites cannot wait on backhaul to identify a threat. Epoch puts AI-powered detection, geospatial awareness, and zero trust enforcement directly at the deployment site, on MIL-SPEC hardware built for austere conditions.

USE CASES

- / **Port of entry screening.** GPU-accelerated video and sensor analytics correlate events across lanes and checkpoints in real time, with geospatial dashboards for officers and sync to the Azure data lake.
- / **Remote site awareness.** Forward sites with intermittent links run threat detection and anomaly scoring locally on H2O.ai models, then reconcile with the enterprise picture when connectivity returns.
- / **Mobile and tactical patrols.** Vehicle-mounted rugged compute carries onboard object classification and geofencing, giving agents detection at the point of encounter with zero backhaul dependency.
- / **Air-gapped model updates.** Train models centrally and deploy lightweight scoring artifacts to disconnected edge nodes, keeping detection current without crossing enclave boundaries.

DIFFERENTIATORS

- / **One architecture, three deployment tiers.** The same stack scales from fixed ports of entry to disconnected mobile units, with capability sized to each site.
- / **Disconnected by design.** MIL-SPEC Tracewell Dell XR platforms with NVIDIA GPUs run inference locally; Azure Stack Edge and PowerScale storage sync when the link returns. Detection continues when connectivity drops.
- / **Zero trust, sensor to cloud.** Palo Alto Prisma Access and IoT Security apply continuous verification and least-privilege policy across cameras, sensors, and OT devices at every tier.
- / **Epoch integrates and delivers.** Sizing, integration, accreditation support, sustainment, and contract vehicles from one accountable team. Components arrive as a deployable capability, not a bill of materials.

Let's talk through your mission needs.
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CONTRACTS

Contracts via Partnerships

Army ITES-3S
DLA FLS-SOE
DOE ICPT
NASA SEWP V Groups A, B
(HubZone), C & D

Prime Government Contracts

Army ITES-4H
Army ITES-SW2
DOE NNSA KCP
GSA Multiple Award Schedule (MAS)
GS35F0438V
NASA SEWP V Group B (SDVOSB)

Navy SEWP V Catalog
Navy SeaPort NxG
NITAAC CIO-CS HubZone
Lumen GSA EIS
GS00Q17NSD3006

We are the solutions integrator empowering
technology leaders to forge our nation's future.

