C-UAS Capability & Cost Reference Guide

Detection · Identification & Tracking · Mitigation · Defeat · C2 Software · Pricing · 2026

Pricing Caveat: *No C-UAS vendor publishes a price list. All figures below are derived from GSA schedule data, contract award disclosures, government procurement records, market intelligence, and industry sources. Treat as planning ranges, not quotes. Actual pricing varies significantly by site size, sensor count, deployment complexity, multi-year commitment, and government vs. commercial channel. Always issue an RFQ.*

Legal Caveat: *Defeat capabilities (jamming, spoofing, protocol takeover, kinetic intercept, directed energy) are restricted to federal agencies in the United States. The FAA Section 2209 UAFR framework (NPRM May 2026) creates airspace restriction authority for CNI operators but does NOT authorize defeat technology. Commercial/CNI operators may legally deploy detection, ID/tracking, and C2 software. Defeat systems are listed for completeness and future planning.*

Opinion section at end of document.

Capability Matrix — What Each Vendor Does in Each Layer

Detection / ID / Mitigation *= legal for commercial/CNI operators.* ***Defeat*** *= federal agencies only under current U.S. law.*

COMPANY	KEY PRODUCTS	DETECTION	ID / TRACKING	MITIGATION (Legal: CNI OK)	DEFEAT (Fed agencies only)	C2 SOFTWARE	NOTES
Best-in-class commercial enterprise C2. DHS SAFETY Act certified. 800+ sites. Strongest software ecosystem. Now integrates with Axon body cams and DFR dispatch.	**YES** DedroneTracker.AI C2; Axon VESTA integration	Dedrone (Axon)	DedroneTracker.AI; DedroneSensor RF; DedroneCamera; DedroneBeyond (BVLOS DFR)	**YES**	**YES**	**YES** Alert, document, coordinate LEO	**FED ONLY** RF jamming via Dedrone mitigation sensors (fed use)
DoD-first. $642M USMC IDIQ. Lattice is the gold standard for autonomous C2. Growing CNI relevance. Not commercially available in standard sense — government procurement only.	**YES** Lattice OS — most advanced autonomous C2 in market	Anduril Industries	Lattice OS; Sentry Tower; Ghost autonomous aircraft; Pulsar EW	**YES**	**YES**	**YES** Autonomous alert, track, geo-fence	**FED ONLY** Kinetic + EW defeat via Pulsar and effectors; DoD only

COMPANY	KEY PRODUCTS	DETECTION	ID / TRACKING	MITIGATION (Legal: CNI OK)	DEFEAT (Fed agencies only)	C2 SOFTWARE	NOTES
Only publicly listed pure-play C-UAS company. Full stack from passive detection to active defeat. SentryCiv is the civilian-market detect-only subscription product. C2 Enterprise launched Oct 2025 for multi-site CNI.	**YES** DroneSentry-C2; C2 Enterprise (multi-site SaaS); SentryCiv subscription	DroneShield	DroneSentry (fixed); DroneSentry-X Mk2 (mobile/vehicle); DroneGun Mk4/5; DroneCannon; RfPatrol; SentryCiv; DroneSentry-C2; C2 Enterprise	**YES**	**YES**	**YES** SentryCiv passive RF; alert and track	**FED ONLY** DroneCannon RF jamming; DroneGun handheld jam; DroneSentry-X defeat; for authorized users
$25M Lockheed Martin investment Apr 2026. DroneHunter is the only purpose-built autonomous net-capture interceptor. Full end-to-end integrated system. Strong airport and military base deployments.	**YES** SkyDome Manager; now integrating with Lockheed Sanctum	Fortem Technologies	TrueView AESA Radar; DroneHunter interceptor; SkyDome Manager software	**YES**	**YES**	**YES** Radar geo-fence, track, alert	**FED ONLY** DroneHunter kinetic net-capture interceptor; authorized deployments only
$31M raised. Cleanest defeat method — no RF jamming collateral, no destruction. Recoverable drone = evidence. Most likely technology to receive CNI defeat authority first when law changes. 30 countries. **NEW**	**PARTIAL** Management interface; integrates into broader C2	D-Fend Solutions	EnforceAir2 (cyber takeover); EnforceAir PLUS (cyber + jamming layer)	**YES**	**YES**	**YES** Detect and alert; 4.5km detection range	**FED ONLY** RF cyber-takeover; safely lands drone; no jamming/kinetic; authorized only

COMPANY	KEY PRODUCTS	DETECTION	ID / TRACKING	MITIGATION (Legal: CNI OK)	DEFEAT (Fed agencies only)	C2 SOFTWARE	NOTES
Serious defense contractor heritage. Less commercially visible but mature DoD technology. Strong radar accuracy. Often used as detection layer inside larger integrated DoD programs.	**PARTIAL** Silent Archer C2 interface; integrates with mil C2 systems	SRC Inc.	Silent Archer; GRYPHON radar; PHALANX EW integration	**YES**	**YES**	**YES** Radar alert and track	**FED ONLY** EW jamming and spoofing; DoD/fed only
Primarily defense and intelligence community. Directed energy is the future of defeat at scale — cost-per-engagement is orders of magnitude cheaper than kinetic. Not commercially accessible.	**PARTIAL** Integrated into mil C2 frameworks	BlueHalo	TITAN directed energy; RF defeat systems; LOCUST autonomous systems	**YES**	**YES**	**YES** Sensor integration	**FED ONLY** Directed energy (laser/HPM); RF defeat; DoD/IC only
Specialized net-capture only. Clean kinetic defeat — drone lands intact, recoverable as evidence. No jamming. Useful close-in where RF solutions cause interference. Used by UK military and select CNI.	**NO** No standalone C2 — feeds into operator C2	OpenWorks Engineering	SkyWall 100 (shoulder); SkyWall 300 (tripod); SkyWall Auto; Vision Flex camera	**PARTIAL** Vision Flex optical detection	**PARTIAL** Optical tracking for targeting	**YES** Alert on detection	**FED ONLY** Net projectile capture; kinetic but non-destructive; authorized use only
Detection and sensor layer only — no native defeat. Strong thermal imaging for 24/7 operations. Commonly used as the EO/IR layer in multi-vendor C-UAS stacks. Now integrating AI analytics on-camera.	**PARTIAL** Integrates into third-party C2 (Genetec, Milestone, Dedrone)	Teledyne FLIR	SkyRaider radar; Ranger EO/IR cameras; R80D integrated system; drone detection analytics	**YES**	**YES**	**YES** Thermal + radar alerts	**NO**

COMPANY	KEY PRODUCTS	DETECTION	ID / TRACKING	MITIGATION (Legal: CNI OK)	DEFEAT (Fed agencies only)	C2 SOFTWARE	NOTES
Platform play — not a standalone C-UAS system. Value is in integrating C-UAS alerting into existing physical security workflows. Best if already in Motorola/Avigilon ecosystem.	**YES** VESTA C2; integrates with Dedrone and other C-UAS platforms	Motorola Solutions	Avigilon drone detection; VESTA C2 integration; Calipsa alarm verification	**PARTIAL** RF + camera-based via Avigilon	**PARTIAL** AI tracking through Avigilon and Calipsa	**YES** Alert, workflow, coordinate response	**NO**
DaaS operator — not a technology vendor. Provides aerial security as a managed subscription. First nationwide BVLOS waiver; first one-to-many approval Feb 2026. Most immediately actionable for enterprise CNI with no internal drone program. **NEW**	**DAAS** FlytBase Mission Manager; integrates into client VMS	Titan Protection	Drone-in-a-box (FlytBase); autonomous patrol; BVLOS DFR service	**DAAS** Aerial perimeter patrol; triggered response	**DAAS** Live operator ID; thermal/visual	**DAAS** Alert, deter, document; coordinate LEO	**NO**

Product Detail by Capability Layer

LAYER 1 — DETECTION

PRODUCT	CAPABILITY DETAIL	DEPLOYMENT	SEGMENT
Dedrone DedroneTracker.AI + RF Sensors	RF (all bands), Wi-Fi, acoustic; 18M+ drone signature database; AI/ML classification; False positive rate near zero at mature deployments. Best commercial RF detection available.	Indoor / Outdoor / Fixed / Portable	Enterprise to government
DroneShield RfPatrol Mk2	Wearable RF detector; personal protection; 360° coverage; links to DroneSentry-C2	Wearable / Mobile	Tactical / military / VIP
DroneShield SentryCiv	Passive RF detection only; subscription model; compact fixed-site; no defeat; civilian legal	Fixed site	CNI / commercial — civilian legal
Fortem TrueView AESA Radar	True active electronically scanned array; optimized for small drone signatures; 3D coverage; weather/fog resistant. Best radar for drone-specific detection.	Fixed / Mobile	Airport / Military / CNI
Teledyne FLIR SkyRaider / Ranger	Thermal EO/IR detection; day/night; integrates with multi-vendor stacks	Fixed / Vehicle	Enterprise / Border / CNI
Anduril Sentry Tower	Autonomous sensor tower; fused radar + EO/IR + RF; self-powered; rapid deploy	Fixed / Remote	DoD / Government
D-Fend EnforceAir2	RF detection 360° to 4.5km range; passive before takeover trigger	Fixed / Portable / Vehicle	CNI / Military / Airport

LAYER 2 — IDENTIFICATION & TRACKING

PRODUCT	CAPABILITY DETAIL	DEPLOYMENT	SEGMENT
Dedrone DedroneTracker.AI	Drone model ID, manufacturer, serial (where available), pilot location (RF triangulation), Remote ID parsing, flight path, video verification. Most comprehensive commercial ID capability.	Cloud or air-gapped	Enterprise / CNI
DroneShield SensorFusionAI	Cross-references RF + radar + optical + ADS-B; reduces false alarms; drone vs. manned aircraft discrimination	On-prem / Cloud	Military / CNI
DroneShield DroneOptID	Camera-agnostic AI optical/thermal drone detection; VisionAI engine; tracks and classifies visually	Camera overlay	Multi-environment
Anduril Lattice OS	Multi-sensor fusion; autonomous drone classification; pilot geo-location; predictive flight path; intent analysis. Gold standard for ID.	Distributed edge	DoD / Government
Fortem TrueView + SkyDome Manager	3D drone track; classification; threat level scoring; handoff to DroneHunter	Fixed site	Airport / Military / CNI
D-Fend EnforceAir2	Protocol-level identification; determines drone model to select correct takeover protocol; pilot location	Fixed / Mobile	CNI / Airport / Prison
Teledyne FLIR Ranger	Thermal track; integrates with third-party ID systems	Fixed	Enterprise / Border

LAYER 3 — MITIGATION (Legal for Commercial/CNI Operators)

PRODUCT	CAPABILITY DETAIL	DEPLOYMENT	SEGMENT
Dedrone / DroneShield / Fortem — Alert & Track	All major platforms provide: real-time alerting, geofence breach notifications, automated SOC workflows, incident documentation, Remote ID data capture for law enforcement handoff. This is the full legal toolkit for private CNI operators today.	All deployment types	All segments
Anduril Lattice — Autonomous Geo-fence Response	Automated tracking, threat scoring, autonomous alert escalation, predictive modeling; operator in the loop for final action	Distributed	DoD / CNI
DroneShield SentryCiv	Subscription passive detection + alert for civilian market; purpose-built for the legal commercial boundary	Fixed site	CNI / Commercial
FAA UAFR (when finalized)	Provides legal foundation for law enforcement response. Not a technology — a legal instrument. Makes trespass and criminal drone incursion prosecutable with clearer standing. Strengthens the documentation package.	N/A	All CNI sectors

LAYER 4 — DEFEAT (Federal Agencies / Authorized Use Only)

PRODUCT	CAPABILITY DETAIL	DEPLOYMENT	SEGMENT
D-Fend EnforceAir2 — RF Cyber Takeover	Takes control of drone communication protocol; safely lands drone in designated zone. No jamming. No RF interference. Drone recovered intact as evidence. 1.2–4km mitigation range. CLEANEST commercial defeat method — most likely to receive CNI authority first.	Fixed / Portable / Vehicle	Military / Airport / Prison / CNI (fed)
DroneShield DroneCannon Mk2 / DroneSentry-X	RF jamming defeat; fixed-site and mobile-vehicle integrated; soft-kill forces landing or RTL. Widely deployed militarily.	Fixed / Vehicle	Military / Fed
DroneShield DroneGun Mk4/5	Handheld RF jammer; disrupts control link and GPS; forces drone down. Portable tactical defeat.	Handheld	Military / Law enforcement
Fortem DroneHunter	Autonomous interceptor drone; net-capture physical defeat; no RF jamming; drone recovered intact. Non-destructive kinetic.	Autonomous aerial	Airport / Military / CNI (fed)
OpenWorks SkyWall 100/300	Shoulder-launched or tripod net projectile; physical capture; recoverable drone; no RF; close-range (<100m)	Handheld / Tripod	Military / Event / CNI (fed)
BlueHalo TITAN / RF defeat	Directed energy (laser/HPM) and RF defeat; destroys or disables drone electronically at range	Fixed / Mobile	DoD / Intelligence Community
Anduril Pulsar EW	Electronic warfare defeat; autonomous engagement; part of Lattice C2; DoD program only	Distributed	DoD only

LAYER 5 — C2 SOFTWARE

PRODUCT	CAPABILITY DETAIL	DEPLOYMENT	SEGMENT
Dedrone DedroneTracker.AI	Single pane of glass: RF sensors, cameras, radar, Remote ID, DFR dispatch, alert workflows, incident reports, VMS integration, Axon ecosystem tie-in. Best commercial C2 ecosystem. Cloud or air-gapped.	Cloud / On-prem / Air-gapped	Enterprise / CNI / Government
Anduril Lattice OS	Most advanced autonomous C2 in market. Multi-domain sensor fusion, autonomous threat response, predictive AI, open API. DoD program — not commercially purchasable in standard sense.	Distributed edge + cloud	DoD / Government
DroneShield DroneSentry-C2	Site-level C2; sensor fusion across RF, radar, EO/IR, ADS-B; quarterly updates; SAPIENT protocol compatibility	On-prem / Cloud	Military / CNI
DroneShield DroneSentry-C2 Enterprise	Multi-site SaaS C2; launched Oct 2025; connects multiple DroneSentry deployments across airports, military bases, data centers into single operational network	SaaS cloud	Large CNI / Military multi-site
Fortem SkyDome Manager	Integrates TrueView radar + DroneHunter interceptors; fly-zone management; threat level scoring; now integrates with Lockheed Sanctum	Fixed site / Cloud	Airport / Military / CNI
Motorola VESTA	Physical security command center platform; integrates C-UAS alerting from Dedrone and others into broader security operations workflow	Cloud / On-prem	Enterprise / Public Safety
Titan / FlytBase Mission Manager	DaaS C2; programs patrol routes; geofences; integrates into client VMS; one-to-many drone management	Cloud (managed)	Commercial / CNI DaaS

Cost & Pricing Reference

All pricing is custom quote. Figures below are estimated ranges from GSA schedule disclosures (Dedrone GSA contract data), government contract award announcements, market intelligence, and industry sources. These are planning ranges for budgeting purposes only — actual pricing will vary significantly based on site size, sensor count, multi-year commitment, and government vs. commercial channel.

COMPANY / PRODUCT	MODEL	HARDWARE (one-time)	SOFTWARE / SaaS (annual)	IMPLEMENTATION & INTEGRATION	TOTAL YEAR-1 ESTIMATE (single site)
Dedrone (Axon) DedroneTracker.AI + sensors	Custom quote; GSA schedule available	RF sensors: $20–50K each Camera sensors: $5–15K each Portable kit: ~$21K (GSA disclosed) Typical site: $80–200K hardware	Software subscription: $30–100K/year (site-based licensing; scales with sensor count)	Integration + professional services: $20–60K per site depending on complexity	**$130K–$360K Year 1** Small site: ~$130K Mid-size enterprise: ~$250K Large CNI / airport: $500K+ GSA pricing available; federal discount applies
DroneShield DroneSentry + DroneSentry-C2	Custom quote; ASX-listed company	DroneSentry node: $80–150K (radar + RF + camera + compute) Multiple nodes for large sites DroneGun: $30–50K (tactical)	DroneSentry-C2: est. $20–50K/year SaaS C2 Enterprise: est. $50–150K/year (multi-site)	Installation + integration: $30–80K per site	**$130K–$280K Year 1** (single DroneSentry node) Multi-node large site: $400K–$1M+ SentryCiv (detect-only subscription): est. $10–30K/year
Fortem Technologies SkyDome System (TrueView + DroneHunter)	Custom quote; recent Lockheed backing	TrueView radar: $50–150K each DroneHunter interceptor: $100–250K each (replaceable net packs: $1–3K each)	SkyDome Manager: est. $30–80K/year per site	Integration + deployment: $40–100K	**$220K–$580K Year 1** (single radar + 1 DroneHunter) Full airport-scale: $1M–$3M+ Net packs are consumable operational cost
D-Fend Solutions EnforceAir2	Custom quote; $31M raised; Israel-based	EnforceAir2 unit: est. $150–300K per unit (fixed or portable)	Software / support: est. $20–50K/year	Integration + training: $15–40K	**$185K–$390K Year 1** (per unit) Federal buyers only under current U.S. law. CNI planning price for when law changes.
DroneShield SentryCiv (detect only — civilian legal)	SaaS subscription; civilian market focus	Compact sensor unit: est. $15–30K hardware	Subscription: est. $10–30K/year (per site)	Minimal — self-install option available: $5–15K	**$30–75K Year 1** (single site) **Most affordable legal detection option for commercial CNI.**
Titan Protection (DaaS operator)	Managed subscription service; not hardware purchase	Hardware supplied by Titan; no client capital outlay. Docking station install: ~$5–15K one-time	Subscription: est. $3–8K/month ($36–96K/year) Based on site size and patrol coverage	Setup + integration: ~$10–20K; 60-day deployment	**$50–130K Year 1** (vs. $250–400K+ for equivalent guard coverage) 60% cost reduction vs. guards documented. No capital hardware risk.
Anduril Industries (Lattice + Sentry Tower)	Government contract or program-of-record; not commercially available	Sentry Tower: est. $200–500K per unit (DoD pricing) Full installation: $1M–$5M+ (site dependent)	Lattice OS: contract-based; est. $200K–$1M+/year for large installations	DoD integration: $100K–$500K+	**$1.5M–$6M+ Year 1** Government / DoD only. Not a commercial purchase option. Included for reference.

Typical multi-site hyperscale data center program (10 sites, detection + C2 only): $1.5M–$3.5M Year 1, $600K–$1.2M annual thereafter. Add defeat capability (when legally permitted): $500K–$2M additional per deployment model.

Analyst Opinion — Best System for Enterprise CNI and Data Center Physical Security

You asked for an opinion. Here it is. This reflects the author's view based on commercial deployability, legal operability, CNI relevance, and practical program design — not a vendor endorsement.

Best Overall Commercial C-UAS Platform	**Recommendation: Dedrone (Axon)** For a commercial or CNI security leader building a program today, Dedrone is the correct starting point. It is the only platform with DHS SAFETY Act certification, a proven multi-sensor C2 ecosystem, deep integration with physical security infrastructure (Axon body cams, VESTA command centers, VMS platforms), the largest commercial deployment footprint, and a software architecture built for the non-military buyer. The Axon acquisition strengthened it significantly — the DFR capability adds aerial response on top of detection, which is a unique operational advantage. You can buy detect-only today and add defeat when the law allows without switching platforms. That upgrade path matters a great deal for program design at a hyperscale data center. *Program design recommendation: Start with Dedrone for detection and C2. Supplement with SentryCiv at lower-priority sites for cost efficiency. Integrate into VESTA or your existing SOC platform.*
Best Defeat Technology for Future CNI Authority	**Recommendation: D-Fend Solutions EnforceAir2** When Congress eventually extends defeat authority to designated CNI operators — and this is a when, not an if — D-Fend's RF cyber-takeover approach is the technology most likely to be on the approved list first. Here is why: it does not jam RF (so no collateral communications damage), it does not destroy the drone (so the evidence chain is intact), it produces a recoverable, landable drone that can be forensically analyzed, and it is already deployed at U.S. government agencies and major international airports. The political and legal path to CNI defeat authority will favor technologies that are precise, controllable, and non-destructive. That is EnforceAir exactly. Start tracking D-Fend now, build the relationship, understand their deployment model, and be positioned to add it to your program on short notice when authority arrives. *Planning recommendation: Include D-Fend EnforceAir2 in your C-UAS technology roadmap as a Phase 2 capability. Build the vendor relationship now. Have the deployment design ready to execute.*
Best Interceptor for High-Value Fixed Sites	**Recommendation: Fortem DroneHunter + TrueView** For a fixed hyperscale data center with a large outdoor footprint and a federal partner (DoD tenant, federal agency co-location, or cleared facility), Fortem's integrated system is the best autonomous intercept capability available commercially. The DroneHunter is unique — no other vendor has a purpose-built autonomous net-capture interceptor. TrueView AESA radar is genuinely best-in-class for drone-specific detection accuracy. The Lockheed Sanctum integration (April 2026) also opens a path to government program integration for facilities with defense-adjacent tenants. The cost is higher than Dedrone, but for a site that justifies a full integrated defeat system under federal authority, Fortem is the right choice. *Planning recommendation: Evaluate for owned hyperscale sites with federal tenants or clearance requirements. Pair with Dedrone for C2 integration.*

Best Immediate Deployment Option (No Internal Drone Program)	**Recommendation: Titan Protection DaaS** If your organization does not have an internal drone program, FAA-certified pilots, or time to navigate BVLOS waiver complexity, Titan Protection is the fastest path to aerial security capability. Sixty-day deployment, no capital hardware risk, nationwide BVLOS waiver already in hand, and documented 60% cost reduction versus guard models. For a new data center campus coming online and needing perimeter coverage while permanent systems are procured and installed, Titan as a bridge contract or permanent DaaS deployment makes significant operational and financial sense. The question to put to Titan directly: do they have hyperscale data center reference deployments, and can they meet the security clearance and access control requirements your sites require. *Planning recommendation: Issue a DaaS RFQ to Titan as a parallel workstream to your C-UAS technology procurement. They are not mutually exclusive — DaaS covers the aerial patrol and deterrence mission; Dedrone covers the C-UAS detection and documentation mission.*
What to Avoid Right Now	**Recommendation: Avoid: Any vendor promising commercial defeat capability in the U.S.** Several vendors market 'full defeat capability' to commercial buyers. Under current U.S. law, private operators cannot legally jam, spoof, or kinetically disable drones. If a vendor is selling you defeat capability for a commercial CNI deployment, one of three things is true: (1) they are selling you equipment you cannot legally activate, (2) they are expecting you to use it anyway and bear the legal risk, or (3) they are misrepresenting what their system does. None of these are acceptable. Build your program on what is legally operable today — detection, ID, tracking, alert, documentation — and design the architecture to accept defeat capability when authority arrives. The law will move. Your program infrastructure should be ready for it. *Risk management note: Vendor contracts should explicitly scope capabilities to legally permitted use in your jurisdiction. Do not accept vague language about 'defeat options' in commercial contracts.*

Sources: GSA schedule data (Dedrone 2024 pricing), DroneShield ASX filings, Fortem/Lockheed Martin press releases, D-Fend Solutions funding disclosures, Titan Protection / FlytBase case study, AUVSI, FAA NPRM (14 CFR Part 74), Congressional Research Service, company websites. Pricing ranges are estimates for planning purposes only. CoreBastion Security Consulting | C-UAS Capability & Cost Reference 2026 | Internal Use Only | May 2026