



SMART CAT

BY COLLINS CONSULTING GROUP LLC

PRODUCT DATA SHEET

smartcathq.com

UNCLASSIFIED · PRODUCT OVERVIEW

SMART CAT

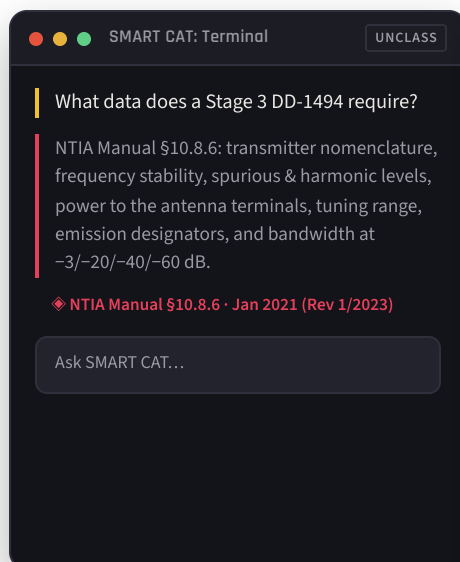
Spectrum Management Assessment Rapid Toolkit · Concise Automation Terminal

SPECTRUM COORDINATION AUTOMATION PLATFORM

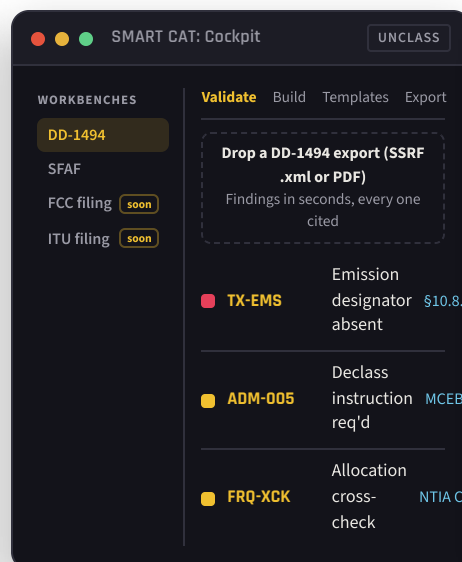
Your Resource for Concise Spectrum Automation.

SMART CAT is a purpose-built platform for electromagnetic spectrum coordination (DD-1494 certification prep, cited regulatory answers, and same-source monitoring), built for how DoD and commercial spectrum professionals actually work. The process, the regulations, and the expertise are real; the tooling hasn't caught up. SMART CAT closes that gap: **fast, and accurate**, with every answer grounded in the source text.

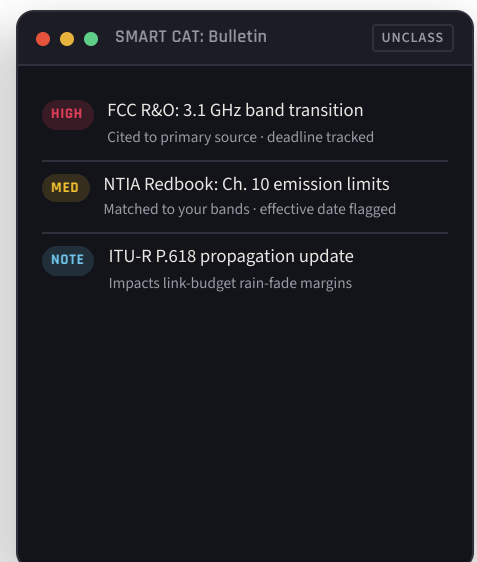
REGULATORY AI TERMINAL



COMPLIANCE COCKPIT



REGULATORY BULLETIN



Representative interface

WHERE SMART CAT FITS

Spectrum XXI handles frequency records, but DD-1494 automation, compliance checks, link budgets, and filing notifications still require manual effort, and manual effort means manual errors. One missing field bounces a package; one missed FCC order makes a filing wrong before it's read.

SMART CAT validates every field against the actual requirements before you submit, answers any spectrum question with a citation you can verify, and alerts you the day the rules change, guiding both the spectrum manager and the vendor to the right package the first time.

BENEFITS

- › **First submission is the right one:** validate against the same checks the government tool runs.
- › **Every answer cited** to the actual NTIA / 47 CFR / ITU text, not generic AI.
- › **Know before you file:** severity-tiered, deadline-tracked regulatory alerts.
- › **Ephemeral by design:** validation runs in your browser; your documents are never uploaded.
- › **UNCLASSIFIED-only, enforced:** classification markings blocked at the door.

100% of findings

CITED TO THEIR GOVERNING RULE

0 uploads

PARSING RUNS IN YOUR BROWSER

\$0 to start

FREE BULLETIN + FORUM TIER

PLATFORM CAPABILITIES

DD-1494: Build, Edit & Validate IN DEV

Build and edit DD-1494 packages, then validate against the same checks the government's compliance tool runs; every finding cited to its rule, with the exact value that clears each error. Works natively with SSRF (the toolchain's XML exchange format).

Regulatory AI Terminal BETA

Ask any spectrum question in plain text, or drop in a screenshot. Every answer grounded in cited primary sources, quoted from the current edition.

Regulatory Alerts LIVE

Severity-tiered, deadline-tracked, every alert cited to its primary source. Filter by branch, commercial space, or auctions.

Community Forum LIVE

Spectrum professionals comparing notes: DD-1494s, SFAF/SSRF, coordination. Free to read at community.smartcathq.com; sign in free to post.

Submission Scoring IN DEV

Stage-aware completeness scoring against NTIA requirements; every gap cited, fix-or-justify for each finding.

SFAF: Build, Edit & Validate PLANNED

Create, edit, and validate SFAF frequency-action records built to pass the mandated submission systems.

Link Budgets PLANNED

ITU-R P.618 / P.530 / P.676 propagation, PFD limits, EIRP, and rain-attenuation: regulatory parameters built in.

STANDARDS & COVERAGE

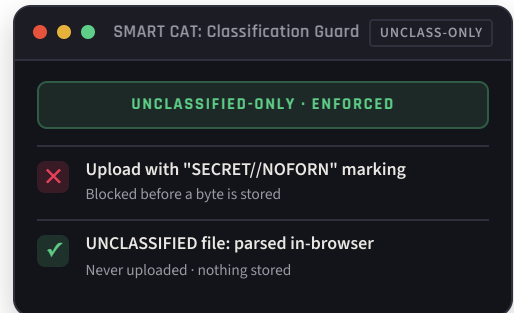
- › **DD-1494** Stages 1–4 · J/F-12
- › **SFAF** (MCEB Pub 7) · **SSRF** (MC4EB Pub 8, XML)
- › **SSRA** · DoDI 4650.01 supportability
- › **NTIA Manual** Ch. 10 (Redbook)
- › **47 CFR** · FCC ULS / IBFS
- › **ITU** Radio Regulations & ITU-R
- › Host-Nation Coordination · EL-CID
- › Commercial space · spectrum auctions

HOW IT WORKS

- 1 Ask or check:** a question, or a package. Validation runs in your browser; documents are never uploaded.
- 2 Validate** against CFR / DoDI / ITU / NTIA with citation-level specificity.
- 3 Score:** gaps flagged, risks surfaced, each with a fix-or-justify path.
- 4 Submit** with confidence, the first submission is the right one.

SECURITY & TRUST

- › **Cited, verifiable answers:** you check the citation, not us.
- › **Ephemeral by design:** validation runs entirely in your browser; your documents are never uploaded.
- › **UNCLASSIFIED-only, enforced:** classification markings are detected and blocked; SMART CAT deliberately refuses CUI and classified data.
- › **Grounded in primary sources:** NTIA / 47 CFR / ITU / DoDI, quoted from the current edition.
- › **Standards-transparent validation:** the DD-1494 validator is grounded in OpenSSRF, the DISA-certified open-source SSRF reference (MCEB Pub 8), every check verifiable against the public standard, no black box.
- › Domain-built cited-answer AI, not generic.



AVAILABLE TODAY

Pre-Procurement Spectrum Viability Assessment (PSVA)

DoDI 4650.01 requires spectrum supportability to be confirmed *before* acquisition funds are obligated. A PSVA answers the question that matters before you buy: can the system be certified and coordinated in its intended bands? Senior-expert judgment, delivered now, while the platform automates the rest.

From **\$2.5K** Quick-Look · **\$7.5K** Standard · **\$15K** Comprehensive · **\$35K+** Portfolio

PLATFORM: LAUNCH PRICING

A **free tier** (Regulatory Bulletin + Community Forum), with paid plans that unlock the cited AI Terminal and the DD-1494 validator. **Launch pricing is being finalized:** join the waitlist to lock early-access rates.

Nothing is purchasable yet; plans open with the public beta.

COLLINS Consulting Group LLC

25+ years NTIA · FCC · ITU · DoD spectrum experience

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CAGE / UEI: registration in progress

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Every validator check cites its governing rule (NTIA Manual, MCEB Pub 7/8, DoDI 4650.01), grounded in OpenSSRF (the DISA-certified SSRF reference implementation). Interfaces shown are representative. Feature status current as of the print date; items ship when they meet the bar. UNCLASSIFIED product overview, not a commitment of Government funds.

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