

DEPLOYREADY

Platform Features & Capabilities Guide

A reference guide for federal contracting professionals

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Version 5.0 | May 2026

Table of Contents

Platform Overview	3
What's New in Version 5.0	5
1. Contract Finder	7
2. AI Solicitation Analyzer	9
3. Pricing Calculator	11
4. Candidate Matching - Andon Board	13
5. Proposal Generator	15
6. Competitive Intelligence - Competition Tab	17
7. Procurement Intelligence - Cost Intel Tab	19
8. Talent Marketplace	21
9. Recruiter Hub	23
10. Compliance Engine	25
11. ROI Dashboard	27
12. Live Federal Intelligence	29
13. Integrations & Interoperability	30
14. MATOC & Construction Intelligence	32
15. Labor Category Research Tool	34
16. Payment & Billing	35

17. DLA / DIBBS Supply Contract Intelligence	36
18. Unified Pricing Lookup	38
19. Inventory Readiness & Part-Number-to-NSN	40
20. Procurement Strategy & Analysis	42
21. Multi-Source Procurement Intelligence	44
22. HHS-OIG LEIE Exclusion Screening	46
23. NPPES & SAM Entity Verification	48
24. E-Verify Case Tracker (FAR 52.222-54)	50
25. Recompete Intelligence & SAM Amendment Poller	52
26. Compliance Dashboard & Audit Trail	54
27. Overseas Travel Intelligence (DSSR 925)	56
28. FRED Cost-Escalation Intelligence	58
29. Wage Determinations: Davis-Bacon & SCA	59
30. Connected Government Systems - At a Glance	60
31. Parts Intelligence & Competitive Landscape	62
32. Platform Reliability & Engineering Hygiene	64

Platform Overview

DeployReady is a unified platform purpose-built for federal government contracting. It replaces the fragmented toolset that most contractors rely on with a single, integrated system that covers the entire capture lifecycle for both staffing and supply/product procurement contracts. Whether you are bidding on a staffing IDIQ, a medical supply RFQ, or a construction MATOC, DeployReady provides the same end-to-end workflow: discovery, analysis, pricing, fulfillment readiness, proposal generation, candidate screening, and compliance tracking.

One platform replaces six: SAM.gov + GovWin + GovDash + ClearanceJobs + Bullhorn + Excel/ProPricer

The Closed-Loop Capture Lifecycle

DeployReady connects every phase of federal business development into a continuous workflow. Data flows forward automatically. An opportunity discovered in Contract Finder feeds into AI Solicitation Analysis, which populates the Pricing Calculator with labor categories or product line items, which scores candidates on the Andon Board (for staffing) or checks inventory readiness (for supply contracts), which informs the Proposal Generator with staffing data, product fulfillment data, and competitive intelligence. Compliance Engine, LEIE screening, NPES/SAM verification, and E-Verify case tracking run continuously underneath. No manual re-entry. No context switching between tools.

1. Contract Discovery	2. Solicitation Analysis	3. Pricing & Inventory	4. Candidate / Supply Match	5. Proposal Generation	6. Compliance Tracking
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60 minutes vs 60 hours per pursuit - from discovery to submission-ready proposal

Who This Guide Is For

This document is a feature-by-feature reference for BD directors, capture managers, proposal managers, and senior leadership at federal contracting firms evaluating DeployReady. Each section explains what the feature does, how it works technically, and the specific problem it solves.

Tool Replaced	Annual Cost	DeployReady Equivalent
GovWin / GovDash	\$10,000 - \$30,000	Contract Finder + Competition Tab

Tool Replaced	Annual Cost	DeployReady Equivalent
Manual SAM.gov searches	40+ hrs/month staff time	Contract Finder auto-discovery
Excel / ProPricer	\$3,000 - \$8,000 + time	Pricing Calculator
ClearanceJobs	\$6,000 - \$15,000	Candidate Matching + Recruiter Hub
Bullhorn / CRM	\$5,000 - \$20,000	Pipeline management + ROI Dashboard
Manual exclusion checks (OIG LEIE)	1-2 hrs per candidate	Auto-screening at creation + monthly bulk refresh
Manual proposal writing	40-80 hrs per proposal	Proposal Generator
Manual pricing research	4-8 hrs per RFQ	Pricing Lookup Tool + Inventory Mgmt

Design Philosophy

DeployReady is built on a core philosophy: AI guides but does not restrict. Every AI-powered feature in the platform is designed to surface intelligence, identify patterns, and accelerate analysis, but final decisions always rest with the user operator. The system presents recommendations with supporting evidence, not black-box decisions. This matters in federal contracting where understanding why a recommendation was made is as important as the recommendation itself.

The platform follows a zero commercial data dependency principle. Every data feed comes from official federal sources: SAM.gov, USASpending.gov, FPDS, GSA CALC+, NSN Catalog, GSA Advantage, GSA Per Diem & City Pair, DLA Internet Bid Board System (DIBBS), DLA PUBLOG / WebFLIS, HHS-OIG LEIE, CMS NPPES, DHS E-Verify, State Department DSSR 925, Department of Labor Davis-Bacon and SCA wage determinations, FRED (Federal Reserve Economic Data), and Bureau of Labor Statistics. Twenty-one authoritative federal data sources now power every analysis as of v5. No subscription fees for data access, no stale third-party databases, and every data point is traceable to its authoritative government source.

What's New in Version 5.0

Version 5.0 extends DeployReady deeper into supply and parts procurement and documents the engineering disciplines that keep the platform accurate and available. Two new sections add DLA / DIBBS parts intelligence and a platform reliability section.

What's New in Version 5.0

DLA / DIBBS Supply Contract Intelligence - DIBBS solicitation parsing, batch quoting workflow, and quote-line generation against DLA-managed NSN demand.

Unified Pricing Lookup - one query across GSA CALC+, GSA Advantage, NSN Catalog, DIBBS historical awards, and the user's own inventory, with a single normalized price view.

Inventory Readiness & Part-Number-to-NSN - commercial part numbers (CAGE + P/N) resolved to NSN via DLA PUBLOG, with confidence scoring and round-trip benchmarks.

Parts Intelligence (new Section 31) - NSN resolver, batch quoting against DIBBS, and competitive landscape view that compares DeployReady's output to third-party parts databases.

Platform Reliability & Engineering Hygiene (new Section 32) - analyzer hardening, ground-truth benchmarks, schema drift audit, migration audit, model identifier discipline, and the retry-once narrative pattern with surfaced failure reasons.

Sections 17, 18, 19 rewritten to reflect the DLA / DIBBS / NSN parts work shipped during the v4 to v5 window.

All features from Versions 2.0, 3.0, and 4.0 remain fully functional. The v5 additions extend the platform from "win the contract" to "win it across staffing, supply, and parts, with engineering disciplines documented in plain terms for any prime or contracting officer to evaluate."

1. Contract Finder

What It Does

Contract Finder provides live search of the SAM.gov opportunity database with advanced filtering. Users search by NAICS code, agency, state, set-aside type, contract vehicle, and keywords. Every opportunity can be saved to a tracked capture pipeline with defined stages: Identified, Qualified, Active Pursuit, Submitted, and Won/Lost.

How It Works

The module integrates directly with the SAM.gov Opportunities API. An auto-discovery cron job runs every 6 hours and compares new postings against each user's saved search criteria. When a match is found, the system sends a branded email notification with opportunity details and a direct link to view the solicitation in DeployReady.

Technical Detail: Saved searches support Boolean logic across all filter fields. The cron compares new SAM.gov postings against saved criteria using NAICS prefix matching, agency hierarchy resolution, and keyword stemming. Results are deduplicated against previously notified opportunities to prevent alert fatigue.

Pipeline Management

Every saved opportunity enters a visual pipeline board. The five capture stages provide a standardized workflow that matches industry best practices:

Stage	Description	Key Actions
Identified	New opportunity flagged by auto-discovery or manual search	Initial review, assign capture lead
Qualified	Passed initial bid/no-bid screening	Capability assessment, teaming analysis
Active Pursuit	Committed resources to capture	Solicitation analysis, pricing, staffing
Submitted	Proposal delivered to contracting office	Track evaluation timeline, respond to ENs

Stage	Description	Key Actions
Won/Lost	Award decision received	Debrief, lessons learned, pipeline metrics

Value It Delivers

- Eliminates GovWin subscription costs - \$10,000-\$30,000/year saved by using live SAM.gov data directly
- Auto-discovery replaces manual SAM.gov checks - no more logging into SAM.gov daily to search for new postings
- Pipeline view gives leadership a real-time capture dashboard - every pursuit is visible with its current stage, assigned team, and next action date
- Set-aside filters surface matching contracts immediately - if your firm holds 8(a), HUBZone, or SDVOSB certification, the system highlights contracts you are eligible to compete for
- Opportunity history is preserved - even after SAM.gov postings expire, your saved opportunities retain all metadata and analysis for future reference and win-rate tracking

Every 6 hours, DeployReady scans SAM.gov and emails you new matches - zero manual effort

2. AI Solicitation Analyzer

What It Does

Upload any federal solicitation document - RFP, RFQ, PWS, Sources Sought, or amendment package - in PDF or DOCX format, as a single file or multi-file set. The AI reads the entire document set and produces a structured intelligence brief in under 60 seconds.

How It Works

DeployReady uses a multi-provider AI pipeline (Claude, GPT-4o, Grok, Perplexity) with automatic fallback. If the primary provider is unavailable or returns an incomplete analysis, the system transparently routes to the next provider. The AI extracts:

- All labor categories with qualification requirements and certification requirements
- Response deadline, period of performance, NAICS code, set-aside type, and place of performance
- Evaluation criteria and weighting (e.g., LPTA, best value, trade-off)
- Special requirements including security clearances, reporting obligations, and deliverables schedule
- Go/No-Go recommendation with specific risk flags and rationale

The analyzer handles any federal agency format - VA, DoD, DHS, NOAA, State Department, and all civilian agencies. The AI adapts to document structure dynamically; it is not dependent on keyword patterns or fixed templates.

Multi-File Ingestion (New in v2.0)

Upload up to 30 files totaling 100 MB per analysis. The system applies tiered processing - larger files receive extended analysis time while smaller amendments are processed rapidly. Users can pin a primary document (e.g., the base RFP) so the AI prioritizes it as the authoritative source when cross-referencing amendments and attachments.

MATOC & Construction NAICS Detection

The analyzer automatically detects MATOC/IDIQ vehicle structures, surfacing task order ceilings, maximum task order values, and period of performance details. When a solicitation falls under construction NAICS codes (236/237/238), the system activates construction-specific analysis mode, parsing wage determination attachments and flagging Davis-Bacon compliance requirements.

Intelligence Brief Output

Section	Content
Opportunity Summary	Title, agency, NAICS, set-aside, estimated value, response deadline
Labor Categories	All positions with required qualifications, experience levels, certifications
Evaluation Criteria	Factors, subfactors, relative weights, evaluation methodology
Security Requirements	Clearance levels, facility clearance needs, CAC requirements
Compliance Requirements	Mandatory certifications, reporting requirements, SLAs
Risk Assessment	Go/No-Go recommendation with identified risk factors
Key Dates	Questions deadline, proposal due date, anticipated award date, PoP start

Key Differentiator: Workday is currently facing civil litigation for keyword-based matching that systematically overlooked qualified candidates. DeployReady uses intent-based AI understanding - the system recognizes that a candidate with equivalent experience, transferable certifications, or related military service meets a requirement, even when exact keywords do not match.

Value It Delivers

- 60-second analysis vs 8-20 hours of manual document review per solicitation
- Full-document coverage - the AI reads every page, not just key sections. Nothing is missed.
- Intent-based understanding - catches equivalencies, substitutions, and implicit requirements that keyword parsers miss
- Multi-file upload (100 MB / 30 files) analyzes RFP + PWS + CLIN structure + amendments as a single coordinated package
- MATOC detection surfaces task order structure automatically - no manual parsing of IDIQ vehicle terms
- Construction NAICS awareness triggers Davis-Bacon wage determination parsing and prevailing wage compliance checks

AI philosophy: "guides but does not restrict" - surfaces what matters without filtering out what a user reviewer would recognize as relevant

3. Pricing Calculator

What It Does

Build fully burdened labor rates for every position on a contract. Each labor category has independent sliders for fringe percentage, overhead percentage, G&A percentage, and fee percentage. The calculator includes market salary benchmarks by geographic location, sourced directly from Bureau of Labor Statistics data, plus full Davis-Bacon prevailing wage support, interactive construction labor sliders, and SCA compliance calculations.

How It Works

The per-position rate structure is persisted in the database and linked to the associated solicitation. Base salary rates auto-populate from BLS salary data for the contract's place of performance. Users adjust wrap rates using independent sliders per labor category - a project manager in Washington, DC can carry a different overhead rate than a systems administrator in San Antonio.

Completed pricing exports as a branded PDF rate sheet or CSV file. Pricing data also flows directly into the Proposal Generator, populating the pricing narrative and staffing plan with accurate, current numbers. No double entry, no copy-paste errors.

Rate Build Structure

Component	Description	Adjustable
Base Salary	BLS market data for location + labor category	Override or accept BLS default
Fringe Benefits	Health, dental, vision, PTO, 401(k)	Independent slider per position
Overhead	Facilities, IT, management, indirect labor	Independent slider per position
G&A	General & administrative expense allocation	Independent slider per position
Fee / Profit	Contractor fee on cost-type; margin on FFP	Independent slider per position

Construction Labor Pricing

For construction NAICS solicitations, the Pricing Calculator activates interactive construction labor sliders. Davis-Bacon prevailing wage rates from parsed wage determinations set a minimum floor - bid rates cannot be set below the WD Base + Fringe minimum. Users adjust headcount and bid rate above the floor, and the system recalculates loaded rates and contract totals in real time.

The Add Custom Position feature allows users to build labor categories not found in the wage determination. SCA (Service Contract Act) compliance calculations are also integrated, ensuring wage floor enforcement for service contracts.

Pricing Scenarios

The calculator supports multiple pricing scenarios per solicitation. Build a competitive scenario with lower margins, an aggressive scenario at cost, and a profitable scenario with standard rates - then compare all three side by side. Each scenario is saved independently and can be exported or fed into the Proposal Generator.

Value It Delivers

- Replaces Excel/ProPricer for standard service contracts - no separate pricing tool needed
- Market salary data eliminates guesswork - BLS-sourced rates for the exact geographic location
- Davis-Bacon floor enforcement prevents non-compliant bids on construction contracts
- Interactive construction labor sliders with live recalculation of loaded rates and totals
- SCA compliance calculations integrated for service contract wage floors
- Per-position independence handles complex multi-labor-category IDIQs where each role carries different indirect rates
- Direct integration with Proposal Generator - pricing flows into the pricing narrative without double entry
- Multiple scenarios allow competitive analysis before committing to a pricing strategy

Pricing data auto-populates from BLS, adjusts per position, enforces Davis-Bacon and SCA floors, and flows directly into your proposal - no spreadsheets

4. Candidate Matching - Andon Board

What It Does

The Andon Board scores every candidate on your bench against every active contract simultaneously. Inspired by Toyota's manufacturing andon system, the dashboard shows green/yellow/red staffing readiness at a glance for each pursuit. Green means you can staff the contract today. Yellow means partial coverage - some positions are filled, others need recruiting. Red means critical staffing gaps.

How It Works

AI matches candidate profiles against solicitation requirements using intent-based scoring, not keyword filtering. The matching engine recognizes:

- Military MOS translation - an Army 25B (Information Technology Specialist) maps to civilian IT support roles
- Equivalent certifications - an expired PMP plus continuing education credits equals demonstrated competency
- Experience substitutions - 10 years of hands-on experience can substitute for a bachelor's degree per many federal RFPs
- Transferable skills - a SIGINT analyst's data processing skills apply to civilian data analytics positions
- Clearance levels and access requirements - Secret, Top Secret, TS/SCI, with polygraph qualifiers

Andon Status Indicators

Status	Meaning	Action Required
GREEN	All positions can be staffed from current bench	Proceed with proposal - staffing is confirmed
YELLOW	Some positions filled, others require recruiting	Assess recruiting timeline vs. proposal deadline
RED	Critical staffing gaps in key positions	Consider no-bid or teaming partner for unfilled roles

Revenue Potential Calculation

For each contract on the Andon Board, the system calculates revenue potential based on your current bench strength. If you can fill 8 of 10 positions immediately, the system shows the revenue for those 8 positions and the recruiting cost/time estimate for the remaining 2. This is critical data for bid/no-bid decisions - you know not just whether you can bid, but the financial implications of the staffing gaps.

Value It Delivers

- Instant staffing visibility - know which contracts you can staff today vs. which need active recruiting
- Revenue potential per contract calculated from actual bench strength, not estimates
- Replaces manual resume-matching spreadsheets that become outdated within days
- Deployment time estimates inform bid/no-bid decisions with concrete staffing timelines
- Avoids the Workday litigation problem - qualified candidates are never overlooked by rigid keyword filters

Green / Yellow / Red at a glance - leadership sees staffing readiness for every active pursuit in one dashboard

5. Proposal Generator

What It Does

The Proposal Generator writes submission-ready proposals section by section, using your company profile, past performance records, and candidate data as inputs. It produces 35+ page proposals that are fully customized to each solicitation - not generic templates with fields swapped out.

How It Works

Sections are written sequentially, each building on the data from previous sections:

Section	Data Sources	Output
Executive Summary	Evaluation criteria, company profile, discriminators	1-2 pages tailored to scoring factors
Technical Approach	PWS requirements, company methodology, best practices	Detailed approach mapped to each requirement
Management Plan	Org structure, QA processes, communication plan	Management framework with org chart
Staffing Plan	Candidate profiles from Andon Board	Key personnel qualifications and availability
Past Performance	Contract history, CPARS ratings, outcomes	Relevant citations with dollar values
Pricing Narrative	Pricing Calculator data, BLS benchmarks	Rate justification with market data
Compliance Matrix	All solicitation requirements	Requirement-to-section cross-reference

Market Intelligence Integration

Every section is informed by real competitive intelligence. The system injects:

- Incumbent contractor data and current award value

- Top competitor names, award amounts, and pricing types (FFP, T&M, CPFF)
- Exclusion status of known competitors
- Teaming partner landscape from SAM.gov registry data
- Travel cost estimates from GSA per diem and city pair airfare data
- Commodity price trends relevant to contract CLINs

First Proposal Mode

New businesses without past performance can use First Proposal Mode. The AI constructs the past performance section using key personnel experience, subcontractor qualifications, and relevant commercial work. This is particularly valuable for recently certified 8(a) and SDVOSB firms entering the federal market for the first time.

Interactive Refinement

After generation, users can rewrite individual sections, expand content, adjust tone, or add entirely new sections. The AI maintains consistency across the full document as changes are made. Final output exports as DOCX with Table of Contents, section numbering, and consistent formatting.

Value It Delivers

- 40-80 hours reduced to 2-4 hours of review and refinement per proposal
- Competitive intelligence baked in - proposals reference real market data, not guesswork
- Certification narrative automation - SDVOSB, HUBZone, 8(a) qualifications woven into text automatically
- Style matching - upload reference proposals and the AI matches your firm's voice and structure

35+ page proposals, fully customized to each solicitation, informed by real competitive intelligence - in hours, not weeks

6. Competitive Intelligence - Competition Tab

What It Does

For any analyzed solicitation, the Competition Tab automatically surfaces four categories of competitive intelligence: Award Landscape, Competitor Risk Flags, Teaming Partners, and Incumbent Research.

How It Works

Award Landscape

Pulls the top 50 recent contract awards in the same NAICS code from USASpending.gov. Shows real dollar values, awardee names, awarding agency, and pricing type (FFP vs T&M vs CPFF). Reveals total market size in that NAICS to inform whether the opportunity is worth pursuing and what pricing envelope the government expects.

Competitor Risk Flags

Checks the top 5 competitors against SAM.gov Exclusions API v4 for debarment, suspension, or other exclusion records. Excluded competitors are highlighted in red with an "EXCLUDED" badge. An excluded competitor cannot bid - this is significant intelligence for your competitive strategy. If the incumbent is excluded, the recompetes becomes an open field.

Teaming Partners

Searches the SAM.gov Entity API for registered entities matching the contract's NAICS code and set-aside type. Returns potential teaming partners with their certifications, CAGE codes, and contact information - eliminating manual SAM.gov searches for JV and subcontracting partners.

Incumbent Research

Identifies the current contract holder, award value, and recompetes status. Knowing the incumbent's strengths and contract value helps calibrate your pricing strategy and technical approach. The system also flags whether the incumbent has maintained their set-aside eligibility - if they graduated from 8(a) or lost HUBZone status, the competitive landscape shifts.

Data Sources

Source	Data Provided	Update Frequency
USASpending.gov	Top 50 recent awards in NAICS; dollar values; awardee names	Daily

Source	Data Provided	Update Frequency
SAM.gov Exclusions API v4	Debarment/suspension records for top competitors	Real-time
SAM.gov Entity API	Teaming partners by NAICS + set-aside certification	Real-time

Value It Delivers

- Know your competition before writing a single word of proposal
- Exclusion alerts are a significant intelligence edge - an excluded competitor is out of the race
- Teaming partner data replaces hours of manual SAM.gov searches
- Award amounts and pricing types inform your own pricing strategy with real market data

If a competitor is excluded from federal contracting, DeployReady flags it immediately - that changes your win probability

7. Procurement Intelligence - Cost Intel Tab

What It Does

The Cost Intel Tab provides automated procurement cost data pulled from free federal APIs and integrated into every solicitation analysis. Five data components combine to give you defensible, audit-ready cost intelligence for every pursuit.

How It Works

GSA Per Diem Rates

Lodging and M&IE (meals and incidental expenses) rates for the contract's place of performance, broken down by city and month. Rates come directly from GSA's per diem API and reflect current fiscal year maximums. Seasonal variations are captured - rates in DC during peak season differ from winter months.

GSA City Pair Airfares

All 16,250 federally-negotiated airfare routes for FY2026. Shows the exact government-contracted fare between any two airports. When a contract requires travel, you know the precise airfare cost before you price the CLIN. Includes both coach (YCA) and capacity-controlled (XCA) fares.

Travel Cost Estimates

Combines airfare, lodging, and meals into a defensible travel CLIN budget. Example output: "4 trips/year x 3 days: \$4,720/year" - broken down by component with GSA rate citations. Adjustable trip frequency and duration per labor category.

BLS Producer Price Index

Commodity price trends from the Bureau of Labor Statistics - fuel, construction materials, IT equipment, medical supplies, food, and transportation. Shows year-over-year percentage change. Critical for cost escalation planning on multi-year contracts where material costs are rising. See also Section 28 (FRED Cost-Escalation Intelligence) for NAICS-indexed PPI escalation.

USASpending Award Benchmarks

Average and median award amounts, plus total obligated dollars in the NAICS code for the past 2 years. Establishes a pricing envelope so you know what the government has been paying for similar work.

Value It Delivers

- Travel CLINs backed by GSA rates - auditable and defensible in any price challenge
- Cost escalation data supports fixed-price justification or escalation clause language in multi-year contracts
- Commodity trends prevent pricing yourself into a loss on 5-year contracts where material costs are rising 8-12% annually
- All data from official federal databases - no commercial data subscription fees

Every cost element backed by a federal data source - GSA, BLS, FRED, USASpending - defensible under audit

8. Talent Marketplace

What It Does

Live search of the SAM.gov federal contractor registry to find teaming partners, subcontractors, and joint venture candidates. Search across 500,000+ registered entities with advanced filtering by NAICS code, location, certifications, and business type. The platform also includes a Contact Library for managing outreach to 26,000+ SBA-certified small businesses, with segmentation by certification type, state, and engagement status.

How It Works

Search by NAICS code, state, company name, or keyword. Filter by set-aside type: 8(a), HUBZone, SDVOSB, VOSB, WOSB, EDWOSB, SDB, Small Business, or Minority-Owned. The system executes 3 parallel API calls to SAM.gov, returning 30 results per search (10 records per call).

Each result displays:

- Unique Entity Identifier (UEI) and CAGE code
- All certifications and business type designations
- Complete list of registered NAICS codes
- Business address and direct link to the SAM.gov profile

Set-Aside Filters

Set-Aside Type	Description	Typical Use Case
8(a)	SBA 8(a) Business Development Program	Sole-source up to \$4.5M (services)
HUBZone	Historically Underutilized Business Zone	HUBZone sole-source or competitive set-aside
SDVOSB	Service-Disabled Veteran-Owned Small Business	VA set-asides, DoD preferences
WOSB/EDWOSB	Women-Owned / Economically Disadvantaged WOSB	NAICS-specific set-asides

Set-Aside Type	Description	Typical Use Case
SDB	Small Disadvantaged Business	Evaluation preference in DoD contracts

Teaming Network

Save companies to your teaming network for future pursuits. When a new opportunity appears that requires a specific set-aside or capability, your saved partners are immediately available - no need to re-search SAM.gov. The teaming network persists across all pursuits and grows into a strategic asset over time.

Value It Delivers

- Replaces manual SAM.gov searches for teaming partners - faster and more comprehensive
- Set-aside filtering finds eligible partners instantly for specific contract requirements
- Certification badges show 8(a), HUBZone, SDVOSB status at a glance - no clicking into individual records
- Contact Library provides outreach management for 26,000+ SBA-certified small businesses
- Saved partners build a reusable teaming network that compounds in value over time

500,000+ registered entities searchable by NAICS, location, and set-aside - find the right teaming partner in seconds

9. Recruiter Hub

What It Does

End-to-end recruiting pipeline management designed specifically for federal staffing contracts. The Recruiter Hub centralizes all recruiting activity - candidate sourcing, screening, interview scheduling, and placement - into a single view per contract.

How It Works

Core Features

- Activity Timeline - chronological log of every recruiter action per candidate: outreach, screening calls, interviews, offers, and status changes. Full audit trail with timestamps and attribution to the responsible recruiter.
- Candidate Pipeline with Stage Tracking - visual pipeline showing candidates moving through stages: Sourced, Screened, Interviewed, Offered, Placed, Rejected. Drag-and-drop interface or status update via dropdown.
- Meeting Scheduler - integrates with 7 scheduling platforms (Calendly, Microsoft Bookings, Google Calendar, and others) to reduce email back-and-forth for interview coordination.
- VP/Executive Dashboard - leadership-level view of pipeline health across all contracts. Shows fill rates, time-to-fill metrics, and recruiter workload distribution.
- Notification System - automated alerts for candidate status changes, upcoming interviews, offer deadlines, and clearance processing milestones.

Recruiting Metrics

Metric	What It Measures	Why It Matters
Fill Rate	% of positions with placed candidates	Contract staffing readiness
Time-to-Fill	Days from sourcing to placement	Recruiting efficiency benchmarking
Pipeline Velocity	Candidates moving per stage per week	Identifies bottlenecks in process
Source Effectiveness	Placements by sourcing channel	Optimize recruiting spend

Metric	What It Measures	Why It Matters
Offer Acceptance Rate	% of offers accepted	Compensation competitiveness

Value It Delivers

- Leadership visibility without micromanagement - executives see pipeline health in real time without requiring status meetings or email reports
- Centralized activity per contract - all recruiting work for a specific contract is in one place, visible to the full team
- Meeting scheduler eliminates email tag - interview coordination that used to take 4-6 emails happens in one click
- Audit trail - every action is logged, supporting compliance reviews and process improvement

One dashboard for leadership. One timeline per candidate. One view per contract. No status meetings required.

10. Compliance Engine

What It Does

The Compliance Engine tracks clearance levels, certifications, credential expirations, and compliance requirements for every candidate in your talent pool. It prevents the costly mistake of deploying a candidate whose clearance or certification has lapsed - a scenario that can result in contract default and loss of future award eligibility. In v4, the engine is the foundation that feeds LEIE exclusion screening, NPPES/SAM identity verification, and E-Verify case tracking into one unified compliance view (see Sections 22-26).

How It Works

Core Features

- Clearance Level Tracking - Secret, Top Secret, TS/SCI, with investigation dates, adjudication status, and polygraph qualifiers. Tracks the full lifecycle from investigation initiation through adjudication and periodic reinvestigation.
- Certification Expiration Monitoring - PMP, Security+, CISSP, ITIL, and all technical certifications tracked with expiration dates and renewal requirements. Supports custom certification types for agency-specific requirements.
- Credential Alert System - automated notifications triggered at 90, 60, and 30 days before a credential expires. Alerts go to the candidate, their recruiter, and the program manager. Configurable alert windows per credential type.
- Multi-Tenant Data Isolation - each customer's data is fully separate at the database level. No cross-tenant data leakage. Enterprise-grade security architecture.

Clearance Lifecycle Management

Clearance Level	Initial Investigation	Reinvestigation Cycle	Common Requirements
Secret	T3 / Tier 3	Every 10 years	SF-86, fingerprints, credit check
Top Secret	T5 / Tier 5	Every 6 years	SF-86, full BI, polygraph (varies)
TS/SCI	T5 + SCI adjudication	Every 5 years (CE)	Additional lifestyle poly for some ICEs

Value It Delivers

- Prevents deploying non-compliant candidates - a lapsed clearance or expired certification can result in contract default, DCAA audit findings, or loss of future award eligibility
- Automated alerts replace manual spreadsheet tracking - most firms track clearance and cert dates in Excel, which is error-prone
- Audit trail for compliance reviews - every credential change is logged with timestamp, supporting DCMA and DCAA audit requirements
- Multi-tenant isolation ensures your data is never visible to other DeployReady customers - critical for firms handling CUI and export-controlled information

90/60/30-day alerts before any credential expires - no more surprises during contract performance

11. ROI Dashboard

What It Does

The ROI Dashboard tracks and visualizes the time and cost savings from using DeployReady versus performing the same work manually. Every analysis, pricing build, candidate match, and proposal section generates measurable savings data that rolls up into defensible ROI metrics.

How It Works

What It Measures Per Pursuit

Metric	What It Tracks
Document Analysis	Pages analyzed, labor categories extracted, requirements identified
Candidate Scoring	Candidates scored against positions, match rates, gap identification
Pricing	Positions priced, rate builds completed, export formats generated
Proposal Generation	Sections generated, pages produced, revision cycles
Compliance Screening	LEIE checks run, NPPES/SAM verifications, E-Verify cases tracked
Time Comparison	Actual platform time vs estimated manual hours (industry benchmarks)
Cost Avoidance	Hours saved x \$85/hour blended BD/proposal staff rate

Aggregate Reporting

Beyond individual pursuit metrics, the ROI Dashboard provides aggregate views across all pursuits for any time period. Leadership can see total hours saved, total cost avoided, and category-level breakdowns showing where the platform delivers the most value. This data directly supports budget justifications and renewal decisions.

Example Output: "Q1 2026 - 23 pursuits analyzed. Total platform time: 38 hours. Estimated manual equivalent: 1,840 hours. Cost avoided: \$153,000 at \$85/hr blended rate. Largest single savings: DoD IDIQ analysis that would have required 80 hours of manual review - completed in 45 minutes."

Value It Delivers

- Defensible ROI for budget justifications - "This analysis saved 47 hours and \$4,000 in labor costs" with specific breakdowns
- Aggregate reporting across all pursuits for any time period - total hours saved, total cost avoided
- Category-level breakdowns show where the platform delivers the most value
- Supports renewal decisions with hard data, not anecdotal value claims

Every action on the platform generates measurable ROI data - defensible numbers for budget justifications and renewal decisions

12. Live Federal Intelligence

What It Does

The Intelligence Feed aggregates real-time data from federal procurement sources into a unified dashboard. Instead of checking SAM.gov, USASpending, FPDS, and agency forecast sites separately, the platform consolidates updates into a single, filterable feed.

How It Works

The feed monitors:

- SAM.gov opportunity postings and amendments - new solicitations, modifications, and award notices in your NAICS codes
- USASpending.gov award data - contract awards, modifications, and deobligations that affect your competitive landscape
- Agency procurement forecasts - advance notice of upcoming acquisitions before formal solicitations are posted
- GSA schedule updates - pricing changes, new SIN additions, and contract modifications across GSA MAS
- Regulatory changes - FAR/DFARS updates, executive orders, and policy memoranda affecting federal contracting

Users configure alert profiles by NAICS code, agency, geographic region, and contract value threshold. The system prioritizes high-relevance items based on your saved searches and pipeline activity.

Value It Delivers

- Single feed replaces daily checks of 5+ federal websites
- Amendments and modifications surfaced immediately - no missed changes to active solicitations
- Agency forecast data provides early awareness before formal RFP release
- Configurable alert profiles ensure you only see relevant intelligence

One feed, all sources - SAM.gov, USASpending, FPDS, agency forecasts, and regulatory updates in one place

13. Integrations & Interoperability

What It Does

DeployReady integrates with the federal data ecosystem through direct API connections and supports export/import workflows for enterprise systems. The platform is designed to complement existing toolsets, not force a rip-and-replace migration.

How It Works

Federal Data APIs (Live Integration)

API	Data	Integration Type
SAM.gov Opportunities API	Federal solicitations and awards	Live search + auto-discovery
SAM.gov Entity API	Contractor registrations and certifications	Live search + UEI verification
SAM.gov Exclusions API v4	Debarment and suspension records	Real-time check
USASpending.gov API	Contract award data and spending	Historical analysis + recomplete
GSA Per Diem API	Lodging and M&IE rates by location	Automated cost calculation
GSA City Pair API	Federally-negotiated airfares	Travel cost estimation
BLS API	Salary data and commodity price indices	Market benchmarking
GSA CALC+ API	Labor ceiling rates from GSA MAS	Rate comparison
HHS-OIG LEIE	Exclusion list (monthly snapshot + on-creation check)	Auto-screening
CMS NPPES Registry	NPI verification for healthcare candidates	Identity verification

API	Data	Integration Type
DHS E-Verify	FAR 52.222-54 case tracking	Deadline computation
State Dept DSSR 925	OCONUS per diem and danger pay	Overseas travel pricing
DoL Davis-Bacon WDs (via SAM)	Construction prevailing wage	Wage floor enforcement
DoL SCA Wage Determinations	Service Contract Act wages	Service wage floor enforcement
FRED (St. Louis Fed)	Producer Price Index by NAICS	Cost escalation

Export Formats

- DOCX - Proposals, compliance matrices, and staffing plans export with formatting preserved
- PDF - Branded rate sheets, analysis summaries, and pipeline reports
- CSV - Pricing data, candidate lists, pipeline exports for Excel or BI tools
- Email - Branded notifications for auto-discovery matches, credential alerts, and pipeline updates

CRM and ATS Integration

Pipeline data can be exported to any CRM via CSV. The Recruiter Hub's candidate pipeline data is compatible with standard ATS import formats. For organizations using Salesforce, Bullhorn, or similar platforms, DeployReady serves as the federal-specific capture layer that feeds opportunity and candidate data into the enterprise CRM.

Multi-Provider AI Architecture

The AI pipeline supports Claude (Anthropic), GPT-4o (OpenAI), Grok (xAI), and Perplexity with automatic failover. If the primary provider experiences downtime or rate limiting, analysis requests are transparently routed to the next available provider.

Meeting Scheduler Integrations

Platform	Integration Level	Features
Calendly	Direct embed	One-click scheduling from candidate pipeline

Platform	Integration Level	Features
Microsoft Bookings	Direct embed	Outlook calendar sync
Google Calendar	OAuth	Availability sync and event creation
Zoom	API	Auto-generate meeting links
Microsoft Teams	API	Auto-generate meeting links
Webex	API	Auto-generate meeting links
GoTo Meeting	API	Auto-generate meeting links

Value It Delivers

- Zero commercial data subscriptions - all market intelligence from free federal APIs
- Multi-format export supports any downstream workflow without custom development
- AI provider redundancy ensures analysis is always available, regardless of individual provider status
- Meeting scheduler consolidation eliminates the need for separate scheduling tools

15 federal APIs, 7 scheduling platforms, 4 AI providers, and 4 export formats - all integrated into one platform

14. MATOC & Construction Intelligence

What It Does

Specialized analysis capabilities for MATOC (Multiple Award Task Order Contract) vehicles and construction NAICS solicitations. The system automatically detects MATOC/IDIQ structures and construction-specific requirements, activating specialized parsing and analysis workflows.

How It Works

MATOC/IDIQ Detection

When the AI Solicitation Analyzer detects a MATOC or IDIQ vehicle, it extracts:

- Overall vehicle ceiling and individual task order maximum values
- Period of performance for the base contract and all option periods
- Ordering procedures and fair opportunity provisions
- Task order competition requirements and evaluation methodology
- Minimum guarantee and maximum ordering thresholds

Construction NAICS Analysis

For solicitations under NAICS 236 (Construction of Buildings), 237 (Heavy and Civil Engineering), or 238 (Specialty Trade Contractors), the system activates construction-specific workflows:

- Davis-Bacon Wage Determination Parsing - extracts all labor classifications with base rates and fringe benefit requirements from attached wage determinations
- Prevailing Wage Floor Enforcement - pricing calculator prevents bids below WD minimum rates
- Construction Labor Category Mapping - maps WD classifications to standard construction roles
- Bonding Requirement Detection - identifies bid bond, performance bond, and payment bond requirements
- Safety and Insurance Requirements - extracts OSHA, EMR, and insurance minimum requirements

Value It Delivers

- MATOC vehicle structure extracted automatically - no manual parsing of complex IDIQ terms
- Davis-Bacon compliance built into pricing - impossible to submit a non-compliant bid
- Construction-specific risk flags catch bonding and safety requirements early in the capture process
- Wage determination data flows directly into the Pricing Calculator for immediate rate building

Construction intelligence: wage determinations parsed, prevailing wage floors enforced, bonding requirements flagged - all automatic

15. Labor Category Research Tool

What It Does

A standalone research tool for exploring labor categories across federal contracts. Search by job title, SOC code, or keyword to find labor category definitions, typical qualifications, and market salary ranges from BLS data.

How It Works

- Search by job title, SOC code, or keyword across the BLS Occupational Employment and Wage Statistics database
- Returns salary data by geographic location (MSA level) - mean, median, 10th/25th/75th/90th percentile wages
- Maps labor categories to standard SOC codes for consistent benchmarking across solicitations
- Cross-references with GSA CALC+ data to show ceiling rates alongside market salary data
- Salary data is location-adjusted - a Systems Administrator in DC shows different rates than one in Tampa

Value It Delivers

- Instant salary benchmarks for any labor category in any location - no manual BLS searches required
- SOC code mapping standardizes labor category definitions across different agency solicitations
- CALC+ integration shows what the government is actually paying versus market rates
- Critical tool for pricing accuracy - the difference between winning and losing a best-value evaluation often comes down to labor rate competitiveness

Market salary data by location, SOC code mapping, and GSA ceiling rates - everything you need to price labor competitively

16. Payment & Billing

What It Does

Self-service subscription management with tiered pricing plans. Users can upgrade, downgrade, or cancel at any time through the platform interface. Payment processing is handled through Stripe with enterprise-grade security.

How It Works

- Stripe-powered payment processing with PCI DSS Level 1 compliance
- Monthly and annual billing cycles with automatic renewal
- Usage-based metering for AI analysis credits on higher-volume plans
- Team management - add/remove seats, assign roles, manage permissions
- Invoice history and receipt downloads for accounting and expense reporting
- Promotional code and referral credit support

Value It Delivers

- Self-service management - no sales calls required to change plans
- Transparent pricing - no hidden fees, no long-term commitments required
- Enterprise security for all payment data - Stripe handles all card storage and processing
- Team billing consolidation - one invoice for the entire organization

Simple, transparent pricing with self-service management - upgrade, downgrade, or cancel anytime

17. DLA / DIBBS Supply Contract Intelligence

What It Does

Extends Supply Contract Intelligence beyond civilian agency RFQs into Defense Logistics Agency (DLA) solicitations posted to the DLA Internet Bid Board System (DIBBS). DeployReady parses DIBBS solicitation packages, normalizes the NSN demand into line items, and produces a batch-quote-ready workbook so a supplier can move from solicitation download to submitted DIBBS quote without manual re-keying.

How It Works

The analyzer first classifies the solicitation as a SAM.gov civilian supply RFQ or a DLA DIBBS solicitation. For DIBBS, it extracts the solicitation number, NSN, item nomenclature, item description (Critical Application Item and Critical Safety Item flags included), required quantity, packaging requirements, AMSC / AMC source-of-supply codes, technical drawing references, qualification requirements, and delivery date. Output is structured per quote line so it can be loaded directly into the DIBBS batch-quote workflow.

DIBBS Workflow Capabilities

- Solicitation classifier separates DIBBS RFQs, DIBBS Long-Term Contracts (LTCs), and DIBBS Indefinite Delivery Contracts from civilian supply RFQs
- NSN normalizer parses the 13-digit National Stock Number and links to PUBLOG / WebFLIS for item characteristics
- AMSC / AMC code interpretation flags items that require approved-source documentation or qualification before quoting
- Critical Application Item (CAI) and Critical Safety Item (CSI) flags surface for proposal-team review
- Packaging requirements (MIL-STD-129, MIL-STD-2073) extracted into a per-line checklist
- Delivery clock (Award + N days) computed against current inventory readiness
- Batch-quote intake template generated as a CSV the user can map directly into a DIBBS submission

Civilian Supply RFQ Capabilities (Retained from v4)

- Automatic contract type detection (supply vs. staffing vs. construction)
- Line-item extraction with part numbers and quantities

- Buy American / Trade Agreements Act compliance flag extraction
- OEM authorization requirement detection
- Gray market prohibition identification
- Subcontracting limitation certification tracking
- Clickable part number links to GSA Advantage catalog

Technical Detail: DIBBS extraction uses a deterministic parser for the fixed sections of the solicitation (header, schedule, packaging) and the AI layer only for the free-text technical description. This keeps the NSN, quantity, and dates exact, and reserves AI inference for the parts that actually benefit from it. Quote-line output is validated against PUBLOG before export so the user never submits a quote against a stale or invalid NSN.

Value It Delivers

- DIBBS quote response time drops from hours per solicitation to minutes per batch
- AMSC / AMC and CAI / CSI flags surface before pricing, so the team only quotes lines they can legitimately deliver
- NSN-level normalization means the same item discovered on DIBBS, GSA Advantage, and the user's own inventory is treated as one record
- Batch-quote workbook eliminates re-keying between solicitation, internal pricing, and DIBBS submission UI
- Civilian supply RFQ workflow is unchanged, so users keep one upload pattern across DLA and civilian agencies

From DIBBS solicitation download to validated, batch-quote-ready output in minutes, with AMSC / AMC and CAI / CSI flags surfaced before any line gets priced

18. Unified Pricing Lookup

What It Does

Unifies product pricing and labor rate research into a single query layer that hits every authoritative federal source DeployReady connects to, including the v5 additions of DIBBS historical award pricing and DLA PUBLOG part characteristics. The user types one query (NSN, part number, PSC, or labor category) and gets back a normalized pricing view with provenance for every data point.

How It Works

The Unified Pricing Lookup runs a single search that fans out to each connected source in parallel. Each source returns its own native record, and the platform reduces them into one normalized result row per item, with all source rows available behind a disclosure. Pricing is shown alongside the user's own inventory cost when an inventory match exists.

Product Pricing Sources

- NSN Catalog: standard supply items with government standard prices
- DLA PUBLOG / WebFLIS: NSN characteristics, approved sources, packaging, and FSC linkage
- DIBBS historical awards: most recent DLA award price per NSN, with awardee and quantity
- FPDS ATOM Feed: federal contract awards with vendor names, amounts, dates, and pricing types
- GSA Advantage: product catalog pricing (linked) for resale and commercial equivalents
- USAspending.gov: historical award averages by PSC code for trend context
- User inventory: 'Your Cost' overlay for any item the user has stocked or quoted

Labor Rate Sources

- GSA CALC+: awarded ceiling rates from GSA MAS contracts
- BLS OEWS: salary by MSA for market-rate reasonableness
- DoL Davis-Bacon and SCA wage determinations: prevailing wage for construction and service contracts

Connected Data Sources

Source	Data	v5 Status
NSN Catalog (data.gov)	Standard supply items with government prices	Retained
DLA PUBLOG / WebFLIS	NSN characteristics, approved sources, FSC	New in v5
DIBBS Historical Awards	DLA award price per NSN, awardee, quantity	New in v5
FPDS ATOM Feed (fpds.gov)	Individual contract awards with vendor details	Retained
GSA CALC+ API (api.gsa.gov)	Labor ceiling rates from GSA MAS	Retained
USAspending.gov	Historical award averages by PSC code	Retained
GSA Advantage	Product catalog pricing (linked)	Retained
BLS OEWS	Salary by MSA	Retained
DoL Wage Determinations	Davis-Bacon and SCA prevailing wage	Retained

Normalization Detail: Sources are joined on a hierarchy of identifiers, NSN first, then CAGE + part number, then PSC, then a fuzzy text match. Each result row carries an identifier-confidence score and a list of contributing sources so the user can see why a given price showed up in the unified view. Stale results (older than the source's published refresh cadence) are visually demoted, not hidden.

Value It Delivers

- One query, every authoritative federal pricing source, normalized into a single view with provenance
- DIBBS historical award pricing per NSN gives a defensible price floor for DLA quotes
- PUBLOG part characteristics surface alongside price so users do not have to context-switch to verify the item
- Inventory 'Your Cost' overlay makes margin and competitive position visible the moment the lookup completes
- All free federal data sources, no commercial pricing-database subscription required

One unified query against NSN Catalog, DLA PUBLOG, DIBBS awards, FPDS, CALC+, GSA Advantage, USAspending, BLS, and DoL wage determinations, normalized into one view

19. Inventory Readiness & Part-Number-to-NSN

What It Does

Tracks product inventory, matches stock against solicitation requirements, and in v5 resolves commercial part numbers to National Stock Numbers via DLA PUBLOG so an inventory expressed in CAGE + manufacturer P/N becomes fully addressable against NSN-based federal demand. Inventory items now flow downstream into the DIBBS batch-quote workflow without manual NSN entry.

How It Works

- Inventory ingest accepts manual entry, CSV import, or distributor price-sheet upload (PDF or CSV) with AI column detection
- Part-Number-to-NSN resolver looks up CAGE + manufacturer P/N against DLA PUBLOG and returns candidate NSNs with confidence scores
- Resolved NSNs are persisted on the inventory record so subsequent DIBBS, GSA Advantage, and FPDS lookups join cleanly
- Fulfillment Readiness panel shows per line item: quantity needed, on hand, on order, to source, and readiness percentage
- Three-layer pricing intelligence: Your Cost (from inventory), Market Price (from FPDS, GSA, DIBBS, NSN Catalog), and Your Position (margin and competitive score)
- Interactive bid pricing: adjust proposed prices per line item and see margin and competitive position update in real time
- Competitive position scoring: Very Strong, Strong, Moderate, Weak, At Risk based on margin and market positioning

Part-Number-to-NSN Resolver

The resolver is built around DLA PUBLOG as the authoritative source. For each item in inventory it tries CAGE + part number first, falls back to part number only across all CAGEs, and finally to a fuzzy nomenclature match. Every resolved NSN carries a confidence score and a link to the underlying PUBLOG record so the user can verify before committing. A ground-truth benchmark compares resolver output to a manually curated reference set, and the score is published in the audit log for each release.

Key Capabilities

Capability	Description
P/N to NSN Resolver	CAGE + P/N to NSN via PUBLOG, with confidence scoring and per-release benchmark
CSV Import / Export	Auto-column detection for inventory uploads, export current inventory anytime
Replace All	Weekly inventory refresh, upload new CSV to replace the entire inventory
Bulk Delete / Clear All	Data management tools for inventory maintenance
Price Sheet Upload	AI parses distributor PDFs to extract and update product costs
Multi-File Support	Upload multiple price sheets from different distributors simultaneously
Fulfillment Recalculate	One-click refresh of fulfillment readiness after inventory or NSN-resolution changes
Inventory to DIBBS Quote	One-click flow from resolved inventory rows into a DIBBS batch-quote workbook
Sample Data Seed	Auto-populated sample data for new accounts to explore the feature

Example: A supplier with 320 inventory rows expressed as CAGE + P/N runs the resolver. The platform returns NSNs for the 240 rows with a confident PUBLOG match, surfaces a confidence-banded list for the 60 medium-confidence rows for user review, and flags the remaining 20 as un-resolvable until the user supplies more identifying information. The 240 high-confidence rows immediately become quote-ready against any DIBBS RFQ on their NSN.

Value It Delivers

- Commercial inventory becomes federally addressable, CAGE + P/N inventory now joins NSN-based DLA demand without manual lookup
- Confidence scoring keeps the user in the loop for the rows where it matters and out of the loop where it does not
- Three-layer pricing now includes DIBBS award history, so position scoring reflects actual DLA-awarded prices, not just civilian-agency averages

- Inventory to DIBBS Quote eliminates re-keying for suppliers that quote against multiple solicitations per week
- Per-release benchmark vs ground-truth reference set documents how accurate the resolver is at any given time

From commercial CAGE + P/N inventory to NSN-addressable, DIBBS-quote-ready supply lines in one workflow, with PUBLOG-validated confidence scores

20. Procurement Strategy & Analysis

What It Does

For supply contracts, generates a complete procurement strategy replacing the staffing-oriented recruiting strategy. AI produces supply-specific intelligence that reads like a capture manager wrote it, generated in seconds from raw solicitation documents.

How It Works

The AI generates supply-specific content across six strategic areas:

Section	Content Generated
Procurement Strategy	Vendor sourcing approach, OEM authorization steps, pricing strategy, delivery logistics
Procurement Timeline	Pre-bid actions and post-award milestones with target dates
Competitive Landscape	Supply-focused competitor analysis based on FPDS award history
Risk Assessment	Product sourcing, pricing, delivery, and compliance risks (not staffing risks)
Go/No-Go Recommendation	Based on OEM auth status, pricing competitiveness, delivery capability, compliance readiness
Win Themes	Supply-specific differentiators: pricing advantage, delivery speed, OEM relationships, past performance

Procurement Strategy Detail

The Procurement Strategy section covers the complete vendor sourcing approach: which OEMs to contact for authorization letters, alternative sourcing options if OEM auth is unavailable, volume discount negotiation tactics, and delivery logistics planning. The system cross-references your inventory data with solicitation requirements to identify items you can fulfill immediately vs. items requiring sourcing.

Go/No-Go Recommendation

The recommendation is based on four supply-specific factors:

- OEM Authorization Status - can you get authorization letters from required manufacturers?
- Pricing Competitiveness - how does your cost basis compare to FPDS market data?
- Delivery Capability - can you meet delivery timelines with current inventory and supplier relationships?
- Compliance Readiness - Buy American, TAA, warranty, and other compliance requirements

Value It Delivers

- Complete procurement intelligence package generated in seconds from raw solicitation documents
- Supply-specific strategy replaces the staffing-oriented default - no irrelevant recruiting recommendations
- Go/No-Go recommendation based on supply-specific factors - OEM auth, pricing position, delivery capability
- Win themes highlight your actual competitive advantages for this specific procurement
- Competitive landscape analysis shows who has been winning similar supply contracts and at what prices

Complete procurement strategy that reads like a capture manager wrote it - generated in seconds from raw solicitation documents

21. Multi-Source Procurement Intelligence

What It Does

Aggregates pricing data from FPDS, GSA CALC+, NSN Catalog, USAspending, and the user's own inventory to provide the most complete pricing picture available.

How It Works

Data Sources Integrated

Source	Data	Update Frequency	Auth
USAspending.gov	Historical award averages by PSC	Daily	No
FPDS ATOM Feed	Individual contract awards with vendor details	Real-time	No
GSA CALC+	2.4M labor ceiling rates	Daily	No
NSN Catalog	Federal supply items with government standard prices, roughly 7M active NSNs	Periodic	No
GSA Advantage	Product catalog pricing (linked)	Live	No
User Inventory	Private cost basis and stock levels	User-managed	N/A

How It Integrates

Every analysis pulls from all applicable sources simultaneously. Supply contracts get FPDS + NSN + USAspending + GSA Advantage data. Staffing contracts get CALC+ + USAspending + BLS data. The user's own inventory data adds the private cost layer that no competitor can replicate.

The result is a three-layer pricing view for every line item:

- Layer 1: Your Cost - from your inventory database, what does this item cost you?

- Layer 2: Market Price - from FPDS awards, NSN catalog, and USAspending, what has the government been paying?
- Layer 3: Your Position - calculated margin percentage and competitive position score (Very Strong to At Risk)

Key Insight: Two contractors analyzing the same solicitation see completely different results because the platform reflects each one's individual cost basis. Your competitor may see a 15% margin on Item A while you see 35% - because you have a better distributor relationship. That is intelligence no shared database can provide.

Value It Delivers

- "Your cost, their data, your position" in one view - the most complete pricing picture available
- Private cost layer means your analysis is unique to your business - no shared competitive intelligence
- All data sources queried simultaneously - no manual cross-referencing across government websites
- Six free federal data sources plus your own inventory - zero commercial data subscription costs
- Supply and staffing contracts covered with the same unified approach

"Your cost, their data, your position" - two contractors see completely different results because the platform reflects each one's individual cost basis

22. HHS-OIG LEIE Exclusion Screening

What It Does

Automatically screens every candidate on your bench against the HHS Office of Inspector General List of Excluded Individuals and Entities (LEIE) - the authoritative federal database of providers and entities barred from participating in federal healthcare programs and, by extension, federal contracts that touch healthcare or federal funds. A LEIE-excluded candidate deployed on a federal contract is a contract-default-level event. DeployReady catches it before it happens.

How It Works

- Auto-screening on creation - every new candidate record is screened against the most recent OIG LEIE snapshot at the moment of creation, before they can be placed on any contract
- Monthly bulk refresh - a scheduled cron job downloads the official OIG LEIE monthly snapshot from oig.hhs.gov on the 2nd of every month and re-screens the entire candidate database against the new list
- Strict-match confirmations - exact matches on full name + date of birth + SSN-last-4 are flagged with a confirmed exclusion status
- Fuzzy possible-matches - partial-match candidates (name-only, name + DOB) are surfaced for user compliance review with side-by-side comparison data
- Immutable audit trail - every screening event (the candidate screened, the LEIE snapshot date, the match status, the reviewer's disposition) is logged to a tamper-evident audit log for DCAA/DCMA review
- Reinstatement detection - when OIG reinstates a previously-excluded individual, the monthly refresh clears the exclusion flag and logs the reinstatement event

Technical Detail: The monthly cron runs at 06:00 Mountain Time on the 2nd of each month. It downloads the official OIG LEIE CSV snapshot, diffs against the prior month's snapshot to identify additions, removals, and updates, then re-screens every active candidate record. Screening uses deterministic name normalization (case-folding, accent stripping, punctuation removal) and a fuzzy-match scoring algorithm tuned to surface possible-matches without overwhelming reviewers with false positives. Every screen - pass or fail - produces an audit-log entry with the snapshot date and version hash.

Compliance Coverage

Risk Scenario	Without LEIE Screening	With DeployReady
Excluded provider on healthcare contract	Contract default + clawback exposure	Blocked at candidate creation
Newly-added exclusion mid-contract	Discovered only at next manual check	Detected at next monthly refresh
Reinstated provider blocked unnecessarily	Manual SQL update or re-onboarding	Cleared automatically by monthly diff
DCAA/DCMA evidence request	Manual reconstruction from logs	Immutable audit trail exported on demand

Value It Delivers

- Prevents contract default - deploying a LEIE-excluded provider on a federal healthcare contract is grounds for termination for default and disqualification from future awards
- Replaces 1-2 hours of manual OIG-LEIE checks per candidate with automated screening at the moment of creation
- Monthly bulk refresh catches new exclusions before they cause problems mid-contract
- Audit trail satisfies DCAA, DCMA, and CMS audit requirements without manual evidence assembly
- Strict-match vs. fuzzy-match distinction respects the user-in-the-loop principle - possible matches surface for review, not automatic blocking

Every candidate, every month, every screen logged - no excluded provider ever quietly placed on a federal contract

23. NPPES & SAM Entity Verification

What It Does

Verifies the federal identity of every person and organization that touches a contract. For healthcare candidates, DeployReady checks the CMS National Plan and Provider Enumeration System (NPPES) registry to confirm the National Provider Identifier (NPI) belongs to the person you think it does. For business entities and subcontractors, it checks the SAM.gov Entity API to confirm the Unique Entity Identifier (UEI) is active, registered, and certified for the set-asides the prime is claiming.

How It Works

NPPES NPI Verification (Healthcare Candidates)

- Direct query to the CMS NPPES registry by NPI number
- Returns full provider record: legal name, taxonomy/specialty codes, practice locations, license details, and enumeration date
- Strict-match identity confirmation - the candidate's name on the resume must match the NPPES record exactly (after normalization)
- Taxonomy verification - confirms the provider's NPPES specialty matches the contract's labor category requirement
- Deactivation detection - flags NPIs that have been deactivated by CMS

SAM Entity Verification (Subs and Teaming Partners)

- Direct query to the SAM.gov Entity API by UEI
- Returns the authoritative entity record: legal business name, registration status, registration expiration date, CAGE code, registered NAICS codes, and certified set-asides
- Daily expiry sweep - every entity in your teaming network is checked daily; expired SAM registrations are surfaced before they affect a live bid
- Set-aside fact-check - confirms the entity actually holds the certification (8(a), HUBZone, SDVOSB, WOSB) they claim
- Exclusion cross-check - entities flagged on the SAM.gov Exclusions API are surfaced alongside the registration data

Technical Detail: Identity verification uses a separate code path from exclusion screening. NPPES queries are cached at the candidate record for 30 days; SAM Entity queries are cached for 24 hours. The daily expiry sweep runs at 05:30 Mountain Time and re-verifies every active teaming-network entity. Verification status (verified, mismatch, deactivated, expired) is stored on the candidate or entity record alongside the verification timestamp and the source API response hash.

Value It Delivers

- Catches identity fraud and stolen NPIs before they hit a contract - healthcare staffing contractors face real risk from candidates submitting borrowed or fabricated NPIs
- Daily SAM expiry sweep means no surprise registration lapses on the day a proposal is due
- Set-aside fact-checking protects you from teaming with a sub whose certification has lapsed
- Two-step verification (identity now + monthly LEIE later) gives compliance teams the layered defense federal auditors expect
- All checks run against authoritative federal registries - no third-party data brokers, no stale snapshots

**Identity and eligibility verified against the same registries your contracting officer uses
- every candidate, every teaming partner, every day**

24. E-Verify Case Tracker (FAR 52.222-54)

What It Does

Tracks DHS E-Verify cases for every candidate on a FAR 52.222-54-covered federal contract, with automatic deadline computation for the two FAR clauses that trip up the most contractors: the 3-business-day new-hire window and the 30/90-day contract-assignment window for existing employees.

How It Works

Deadline Computation

Event	FAR 52.222-54 Deadline	DeployReady Action
New hire on a covered contract	Submit E-Verify case within 3 business days of hire	Auto-computed deadline; reminder at T-2 and T-1 business days
Existing employee assigned to a covered contract (small/medium)	Submit within 30 calendar days of assignment	Auto-computed deadline; reminder at 14, 7, 3 days
Existing employee assigned to a covered contract (large)	Submit within 90 calendar days of assignment	Auto-computed deadline; reminder at 30, 14, 7 days
Tentative Non-Confirmation (TNC) issued	Notify employee within 10 federal business days	TNC clock starts on case status sync

Case Lifecycle Tracking

- Case ID, case status, and verification result stored on the candidate record
- Status transitions logged with timestamps: Submitted, Employment Authorized, TNC, Final Non-Confirmation, Closed
- Photo Match status tracked separately for document types that require it
- Closure reason captured for every closed case - auditors ask for this exact field

Business-Day Math, Done Right

FAR 52.222-54 uses federal business days for the 3-day window - not calendar days, not your firm's business days. DeployReady's deadline engine applies the federal business day calendar (excluding federal holidays and weekends) so the deadline you see is the deadline the contracting officer will hold you to.

Technical Detail: The deadline engine uses a federal-holiday calendar updated annually and accounts for inauguration day in DC for the federal workforce. The case state machine enforces legal status transitions - for example, a case cannot transition from Submitted directly to Closed without passing through a result state. All status changes are written to the compliance audit log alongside the user who made the change.

Value It Delivers

- Eliminates the most common FAR 52.222-54 finding - late E-Verify case submission - by computing the deadline correctly and reminding you before it slips
- Distinguishes business days from calendar days automatically - most spreadsheet trackers get this wrong
- TNC notification deadlines are tracked so the employee gets their statutory notice on time
- Case lifecycle data flows into the Compliance Dashboard for single-pane visibility across all candidates and contracts
- Audit-ready evidence - case ID, status, timestamps, closure reasons - all exportable for DCMA, DOL, and DHS reviews

3-business-day and 30/90-day deadlines computed correctly, reminded automatically, logged immutably - FAR 52.222-54 enforcement that does not depend on a spreadsheet

25. Recompete Intelligence & SAM Amendment Poller

What It Does

Two paired capabilities that keep you ahead of the recompetite cycle. The Recompete Intelligence engine analyzes incumbent contracts approaching their period-of-performance end and scores recompetite probability against historical patterns. The SAM Amendment Poller watches every solicitation in your pipeline for amendments, modifications, and Q&A responses - and alerts you the moment something changes.

How It Works

Recompete Intelligence

- Identifies active contracts in USASpending.gov nearing the end of their period of performance
- Scores recompetite probability based on historical patterns: contract type, vehicle, incumbent set-aside status, agency recompetite tendencies, and prior modifications
- Surfaces the incumbent's award value, pricing type, and known performance signals (CPARS, modifications, deobligations)
- Flags contracts where the incumbent has lost set-aside eligibility (graduated from 8(a), expired HUBZone) - these recompetes are open fields
- Builds a watchlist that feeds Contract Finder when the formal recompetite posts

SAM Amendment Poller

- Cron-driven poll of every solicitation in your active pipeline
- Detects new amendments, modified due dates, posted Q&A, and award notices
- Sends a branded email and in-app alert within minutes of the change appearing on SAM.gov
- Diff view shows exactly what changed - new clauses, new attachments, revised deadlines - without making you re-read the whole solicitation
- Pinned-document logic preserves your original base RFP and surfaces the amendment as a new sibling document for AI re-analysis

Technical Detail: The amendment poller stores a stable hash of each solicitation's content and attachment manifest. When the hash changes, the system fetches the new content, runs a diff against the prior version, and produces a plain-language change summary. Recompete scoring uses a rule-based model that incorporates contract metadata, prior modification history, and known re-solicitation patterns by agency - outputs include the score, the top three reasons for the score, and the confidence level.

Value It Delivers

- Recompete watchlist surfaces opportunities 6-18 months before the formal RFP - enough time to build a teaming strategy and pre-position
- Amendment poller catches solicitation changes you would miss on a daily manual SAM.gov check - minutes, not days
- Diff view eliminates the worst pre-submission moment: realizing the deadline moved or a CLIN was added at the last minute
- Recompete scoring tells you which incumbents are most likely to be displaced - focus capture resources where the field is open
- All amendments flow into the Compliance Dashboard so proposal teams and capture managers see the same version of truth

The day an amendment posts on SAM.gov, you get the email and the diff - no daily manual refresh, no missed deadline changes

26. Compliance Dashboard & Audit Trail

What It Does

A single-pane operational view of compliance status across every candidate, every teaming partner, every contract. The Compliance Dashboard rolls up LEIE screening results, NPPES and SAM identity verification status, E-Verify case states, credential expirations from the Compliance Engine, and overdue compliance actions into one prioritized work queue. Underneath it sits an immutable audit trail that captures every compliance event with a timestamp, actor, and source artifact hash.

How It Works

Single-Pane Status

Compliance Stream	What Rolls Up	Action Surface
LEIE Exclusion	Confirmed exclusions, possible matches, monthly refresh results	Block deployment, surface to reviewer, request OIG-name verification
NPPES Identity	Verified, mismatch, deactivated NPIs	Hold candidate, request updated NPI, deactivate record
SAM Entity	Active, expired, exclusion-flagged registrations	Suspend teaming partner, notify capture lead, request re-registration evidence
E-Verify Cases	Open cases, TNC count, deadline countdowns	Submit case, notify employee of TNC, close case
Credential Expiry	90/60/30-day clearance and certification alerts	Initiate reinvestigation, schedule renewal training, replace on contract

Immutable Audit Trail

Every compliance event writes a tamper-evident entry to an append-only audit log. Entries include the actor (user ID + role), the timestamp (in UTC), the compliance stream, the candidate or entity ID, the source artifact hash (e.g., the OIG snapshot version or the SAM API response

hash), and the disposition. The log is exportable as CSV or DOCX evidence packages, organized by contract, by candidate, or by date range - the three pivots auditors ask for.

Retention: Compliance audit-log entries are retained for 10 years to match the longest federal-contract audit retention requirements. Retention is enforced at the database layer; entries cannot be deleted by application users - only purged by automated retention policy after the 10-year window.

Value It Delivers

- One screen replaces five compliance trackers - LEIE spreadsheet, SAM-expiry calendar, E-Verify dashboard, certification log, clearance tracker
- Priority queue surfaces the highest-risk actions first - about-to-expire clearances and overdue E-Verify cases never sink to the bottom of an inbox
- 10-year immutable audit trail satisfies DCAA, DCMA, OIG, and agency-specific retention requirements without manual evidence assembly
- Export-on-demand evidence packages reduce audit response time from days to minutes
- Compliance officer and program manager see the same data - eliminates the email-chain version-of-truth problem

All compliance streams in one view, every event in an immutable log, every report a click away - the operational backbone for staying clean through the period of performance

27. Overseas Travel Intelligence (DSSR 925)

What It Does

For contracts with overseas (OCONUS) performance - Iraq, Kuwait, Jordan, Qatar, and other high-risk or expeditionary postings - DeployReady pulls the US Department of State Standardized Regulations (DSSR), Section 925, to set defensible overseas per diem rates and to factor in danger pay and hostile-fire-allowance treatment where applicable.

How It Works

- Pulls the DSSR 925 effective rate table (current effective date in code: 04/01/2026) for every OCONUS post in your contract
- Returns lodging, M&IE, and total per diem maximums for each post - Baghdad, Erbil, Amman, Kuwait, Doha, and the full DSSR table
- Surfaces danger pay percentage (10%/15%/25%/35%) and hostile-fire/imminent-danger pay treatment for posts that qualify
- Combines DSSR overseas rates with GSA per diem (Section 7) and GSA City Pair airfares for a complete CONUS+OCONUS travel CLIN
- Flags posts subject to special travel restrictions or chief-of-mission authorization requirements

Why Hostile Pay Is Grouped With DSSR (Not a Separate Source)

Danger pay, imminent-danger pay, and hostile-fire allowance percentages live inside the same DSSR table that governs overseas per diem. Treating them as a separate data source would suggest a separate API or feed; in reality, the single State Department publication (DSSR Section 925) is the authoritative source for all three. DeployReady surfaces them together because that is how they appear in the regulation and how contracting officers expect to see them in your travel CLIN justification.

Technical Detail: The DSSR effective date stored in code (04/01/2026) anchors the rate table version used in current calculations. When State publishes a new DSSR amendment, the effective date is bumped, prior rates are preserved for historical pricing audits, and a marker is set so audit-log entries reference the exact DSSR version that priced each trip.

Value It Delivers

- Defensible overseas travel pricing backed by the same State Department publication the contracting officer references
- Danger pay and hostile-fire allowance treatment baked into the rate - no missed compliance with statutory allowance categories
- Same workflow as CONUS travel pricing - one travel CLIN, mixed CONUS+OCONUS, one defensible budget
- Historical DSSR versions retained for audit - a 2024 trip priced against the 2024 DSSR, even if you are reviewing it in 2026
- Critical for contractors bidding expeditionary, embassy support, and forward-deployed work where DSSR is the only defensible rate source

DSSR 925 lookups for every OCONUS post - per diem, danger pay, and hostile-fire allowance, version-pinned and audit-ready

28. FRED Cost-Escalation Intelligence

What It Does

Pulls Producer Price Index (PPI) data series from the Federal Reserve Economic Data (FRED) repository by NAICS code, then uses real inflation history to escalate labor and material costs over multi-year contract periods of performance. The result is a defensible cost-escalation justification backed by St. Louis Fed data - not a generic 3% bump.

How It Works

- Maps the contract's NAICS code to the most relevant FRED PPI series
- Retrieves the full historical series - typically 5-15 years of monthly data
- Computes trailing 1-year, 3-year, and 5-year inflation rates by NAICS
- Applies the appropriate rate to each option year of a multi-year contract for cost-escalation projections
- Surfaces the source series ID and the exact data points used so reviewers can independently verify the calculation

Where It Shows Up

- Pricing Calculator - option-year escalation applied to base labor rates automatically
- Cost Intel Tab - NAICS-indexed PPI trends shown alongside GSA per diem, BLS PPI commodity trends, and USASpending benchmarks
- Proposal Generator - pricing narrative cites the FRED series and trailing inflation rate when justifying escalation clauses or fixed-price coverage

Technical Detail: FRED series are accessed via the St. Louis Fed's public API. Series-to-NAICS mappings are curated and stored in code; when a NAICS has no direct PPI series, the mapping falls back to the closest applicable composite series with a flag noting the substitution. All escalation calculations cache the underlying FRED data points with a version stamp so a proposal priced today can be re-verified against the same data in three years.

Value It Delivers

- Defensible cost-escalation language backed by St. Louis Fed data - a contracting officer cannot wave off PPI math

- Protects margin on 5-year contracts where material and labor costs are rising 4-12% annually depending on industry
- NAICS-specific inflation beats generic CPI assumptions - construction PPI, IT services PPI, and medical supply PPI move very differently
- Source data is permanently cited, retained, and versioned - pass any escalation-clause audit
- Pairs naturally with the BLS PPI commodity trends already surfaced in the Cost Intel Tab - FRED handles NAICS-indexed PPI, BLS handles commodity-level PPI

Multi-year cost escalation backed by NAICS-indexed FRED data - real inflation, not a guess

29. Wage Determinations: Davis-Bacon & SCA

What It Does

Pulls Department of Labor wage determinations directly from the SAM.gov wage determinations service and integrates them into the Pricing Calculator. Two regimes covered: Davis-Bacon (federal construction prevailing wage) and the Service Contract Act (SCA) for federal service contracts. Both set legal wage floors that DeployReady enforces in the bid pricing flow.

How It Works

Davis-Bacon Wage Determinations

- Active WD pulled from the sam.gov wage determinations catalog by WD number and county/locality
- All labor classifications extracted: base hourly rate, fringe rate, and total prevailing wage by classification
- Construction labor sliders in the Pricing Calculator enforce the Base + Fringe minimum - bids cannot price below the WD floor
- Add Custom Position lets you build classifications outside the WD when the project scope requires it
- WD effective date and modification number stamped on every priced position for audit

Service Contract Act (SCA) Wages

- SCA WD pulled by occupational code and locality from the DoL/SAM service-contract WD catalog
- Hourly wage and health & welfare (H&W) fringe applied to every service-contract labor category
- Pricing Calculator surfaces the SCA floor next to the BLS market salary so you can see compliance cushion at a glance
- Multi-locality contracts (a single contract with performance in multiple states/counties) resolve to the correct WD per locality

Technical Detail: WDs are fetched on demand at pricing time using the WD number identified by the Solicitation Analyzer. Each pull is cached for the duration of the bid and version-pinned to the WD modification number - so if the WD is amended mid-capture, the system surfaces the amendment and asks you to re-price affected positions rather than silently shifting the floor underneath the proposal.

Value It Delivers

- Impossible-to-submit-a-non-compliant-bid - the price floor is the WD floor, enforced in the UI
- Audit-ready WD citations stamped on every priced position with WD number and modification reference
- Multi-locality contracts handled automatically - no manual WD reconciliation across counties or states
- SCA H&W fringe applied correctly - the most common SCA pricing error eliminated
- WD modifications mid-capture surface as alerts, not silent floor changes

Davis-Bacon and SCA wage floors enforced in the Pricing Calculator - compliance is the price, not a separate check

30. Connected Government Systems - At a Glance

Authoritative Federal Data Sources

DeployReady is built on a zero-commercial-data-dependency principle. Every intelligence feed, every compliance check, every price benchmark comes from the same authoritative federal source your contracting officer uses. Twenty-one live federal integrations as of v5, no commercial data brokers, no stale snapshots. The v5 additions are DLA DIBBS, DLA PUBLOG / WebFLIS, and the SBA Class Waiver lookup that supports Nonmanufacturer Rule qualification on supply procurements.

Source	Data Provided	Update Cadence
SAM.gov Opportunities	Solicitations, awards, amendments	Live + 6h cron
SAM.gov Entity	UEI verification, set-aside facts	Daily expiry sweep
SAM.gov Exclusions v4	Debarment / suspension lookups	Real-time
USASpending.gov	Award history, recompetete signals	Daily
FPDS ATOM Feed	Contract awards by vendor	Real-time
GSA CALC+	Labor ceiling rates	Daily
GSA Per Diem	Lodging and M&IE rates	On demand
GSA City Pair	Federal airfares	On demand
GSA Advantage	Product catalog (linked)	Live
NSN Catalog (data.gov)	Standard supply items, government prices	Periodic
DLA DIBBS	DLA RFQs, LTCs, historical award prices	New in v5, live
DLA PUBLOG / WebFLIS	NSN characteristics, approved sources, FSC	New in v5, periodic

Source	Data Provided	Update Cadence
HHS-OIG LEIE	Healthcare exclusion list	Monthly snapshot + on-create
CMS NPPES	NPI registry (healthcare identity)	On demand
DHS E-Verify	FAR 52.222-54 case tracking	Per case
State Dept DSSR 925	Overseas per diem + danger pay	Effective-date pinned
DoL Davis-Bacon WDs (via SAM)	Construction prevailing wage	On demand
DoL SCA WDs (via SAM)	Service Contract Act wages	On demand
FRED (St. Louis Fed)	PPI by NAICS for escalation	Series-versioned
BLS OEWS / PPI	Salary by MSA + commodity PPI	On demand
SBA Class Waivers (Fed. Reg.)	Nonmanufacturer Rule waiver lookup	On demand

Why It Matters

Twenty-one federal data sources, queried directly. No middleman. No subscription fee for data. Every result traceable to its authoritative government source.

Agency names referenced throughout this document are the property of their respective US Government agencies. DeployReady integrates with public data sources operated by these agencies; this is not an endorsement, partnership, or sponsorship by any agency.

31. Parts Intelligence & Competitive Landscape

What It Does

Consolidates DeployReady's parts-procurement capabilities into a single working surface for suppliers who quote against DLA NSN demand. Parts Intelligence pairs the Part-Number-to-NSN resolver from Section 19, the DIBBS solicitation parser from Section 17, the unified pricing view from Section 18, and a competitive landscape view that compares DeployReady's NSN coverage and price intelligence to third-party parts databases.

How It Works

NSN Resolver Surface

The resolver runs as a standalone tool and as a step inside DIBBS quoting. Inputs accepted: 13-digit NSN, NIIN, CAGE + manufacturer P/N, manufacturer P/N alone, or a free-text nomenclature description. Output is one or more candidate NSNs with confidence scores and PUBLOG provenance. Results are cached per tenant so repeated lookups during a quote session do not re-hit upstream APIs.

Batch Quoting Against DIBBS

Users upload a list of NSNs or part numbers and a target solicitation. The platform resolves identifiers, joins them against current DIBBS solicitations and historical award pricing, applies the user's inventory and cost basis, and returns a quote-line workbook with suggested pricing windows. The workbook is export-ready for the DIBBS submission UI.

Competitive Landscape View

DeployReady ships a Parts Intelligence competitive landscape page that compares the platform's coverage and pricing transparency to widely-used third-party parts databases. The comparison covers data source provenance, NSN coverage, DIBBS award-price availability, inventory cross-join, and quote-line export. The intent is honest positioning, not displacement of every tool a supplier already uses.

Capability	DeployReady	Typical Third-Party Parts DB
Authoritative source	DLA PUBLOG, DIBBS, GSA Advantage, FPDS	Mixed federal and proprietary aggregation
DIBBS award price per NSN	Yes, joined to lookup	Often paywalled or missing

Capability	DeployReady	Typical Third-Party Parts DB
Inventory cross-join	Yes, per tenant	Rare
Quote-line export	DIBBS-ready CSV	Manual re-entry
Confidence-scored P/N to NSN	Yes, per-release benchmark	Usually exact-match only
AI solicitation parse	Yes, multi-provider with fallback	None
Subscription model	Per-tenant SaaS, federal data free	Per-seat with paywalled data

Benchmark Discipline: The Parts Intelligence resolver carries a named ground-truth reference set. Every release runs the resolver against that set and records precision, recall, and false-positive rate in the audit log. Customers can request the latest benchmark numbers without an NDA, because the metric is computed against publicly available DLA data.

Value It Delivers

- One working surface for NSN resolution, DIBBS quoting, unified pricing, and competitive context
- Per-release benchmark numbers replace marketing claims, so prospects can evaluate accuracy on terms they control
- Quote-line export means the platform fits into existing DIBBS workflows rather than asking suppliers to abandon them
- Competitive landscape view is transparent about where third-party databases still add value, so suppliers can make informed stack decisions

Parts Intelligence is one working surface for NSN resolution, DIBBS batch quoting, unified pricing, and an honest comparison to the rest of the parts-database market

32. Platform Reliability & Engineering Hygiene

What It Does

Documents how the platform stays accurate, available, and auditable under real federal-contracting workloads. Most platforms publish marketing claims about reliability. DeployReady publishes the engineering disciplines that produce reliability, so a federal buyer or a prime can evaluate them on technical terms rather than testimonials.

How It Works

Analyzer Hardening

The AI Solicitation Analyzer carries a hardened extraction prompt for professional services solicitations and a position-guard that prevents the AI from emitting clause-fragment titles as opportunity names. The analyzer is backed by a multi-provider pipeline (Claude, GPT-4o, Grok, Perplexity) with automatic fallback, and model identifiers are pinned at every call site to prevent silent regressions when an upstream provider deprecates a model.

Ground-Truth Benchmark Discipline

Critical extraction and resolver paths carry named ground-truth reference sets. For each release, the platform runs the reference set, records precision and recall, and publishes the score in the audit log. The Part-Number-to-NSN resolver, the DIBBS solicitation parser, and the AI Solicitation Analyzer each have a ground-truth set.

Retry-Once Narrative Pattern

When an AI generation step fails, the platform retries exactly once and, on second failure, surfaces a structured failure reason to the user (provider, error class, retry timestamp, suggested user action). No infinite retry loops, no silent failures, no generic 'try again' messages.

Database Hygiene

- Schema drift audit on every release compares the running database schema against the canonical schema declared in code
- Migration audit verifies that every committed migration is reversible or carries an explicit one-way notice
- Tenant-id discipline is enforced at the query layer on every read and write, no cross-tenant leakage path exists

- Marketplace is the source of truth for tenant-level data, downstream caches are revalidated against it
- Postgres on Railway with point-in-time recovery, daily logical backups, and read-replica readiness

Release Discipline

Discipline	Description
Source-Level Invariants	Test files assert on source text (regex over file contents) so invariants survive refactors
tsx Test Runner	Lightweight test execution without a heavyweight runner dependency
Model Identifier Pinning	Every AI call site pins the model identifier, enforced by a source-level invariant
Failure-Reason Surfacing	All user-visible failure paths emit a structured reason, never a bare error
Audit Log on Critical Paths	Analyzer runs, resolver runs, and benchmark results are written to an immutable audit log
PR-Level Discipline	Each PR carries tests, an invariant check, and a one-line release-notes entry

Why This Section Exists: Federal contracting platforms fail most often on quiet correctness problems, not loud outages. A wrong NSN, a hallucinated labor category, a silently swapped model, a missed schema migration. Section 32 documents the disciplines that catch those problems before they reach a proposal.

Value It Delivers

- Buyers can evaluate reliability on engineering terms rather than testimonials
- Ground-truth benchmarks make accuracy claims falsifiable, not just marketed
- Retry-once narrative pattern means failures are visible, not buried, which builds operator trust over time
- Schema drift and migration audits prevent the silent data-shape regressions that quietly corrupt platforms over many releases

- Source-level invariants and model identifier pinning prevent regressions that pass functional tests but break federal-grade correctness

Reliability documented in engineering terms: hardened analyzer, ground-truth benchmarks, retry-once narrative, schema and migration audits, model identifier pinning, and audit-log discipline on every critical path