BRAVENT LLC • WHITE PAPER

Modernizing Federal Document Ecosystems with AI

Transforming unstructured PDFs, Word files, and legacy HTML into structured, searchable, accessible, compliance-ready content.

At a glance

Docsyntra is Bravent LLC's AI-powered document modernization and transformation platform. Built from real federal modernization experience, it converts decades of legacy content into structured DITA XML, enabling automated multi-format publishing, AI-assisted editing, and seamless Drupal integration—reducing modernization time by an estimated 60–70% while strengthening Section 508, FISMA, and 21st Century IDEA alignment.

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1. Executive Summary

Federal agencies manage some of the largest and most complex document collections in the world: regulatory handbooks, program guidance, public-facing policy libraries, technical manuals, and tens of thousands of historical PDFs scattered across decades of legacy systems. These materials underpin law enforcement, benefits delivery, compliance oversight, and public transparency. Yet much of this content remains locked inside unstructured PDFs, fragmented Word files, legacy HTML, or inconsistent XML—blocking modern digital service delivery.

Docsyntra™ was engineered to solve this problem at scale. Drawing on Bravent LLC's federal modernization experience—including the transformation of complex regulatory editorial ecosystems for federal acquisition systems—Docsyntra ingests legacy documents and converts them into structured, semantically rich DITA XML. From that single source of truth, it powers automated multi-format publishing, AI-assisted editing, governance workflows, and seamless integration with modern CMS platforms such as Drupal 10.

The platform is engineered for the security, reliability, and transparency federal missions demand. It operates on a cloud-native architecture deployable in AWS GovCloud or Azure Government, aligns with FedRAMP, FISMA, NIST SP 800-53 Rev. 5, 21st Century IDEA, and Section 508 expectations, and pairs structured authoring with AI intelligence to compress modernization timelines from years into months.

Headline outcomes

60–70%	1000s	100%	508
Reduction in document modernization time	Documents ingested in a single batch	DITA-validated single source of truth	Compliant outputs by default

> **Docsyntra is not a document converter. It is a transformation engine.**
>
> Where legacy tools translate one file at a time, Docsyntra rebuilds an agency's entire content ecosystem—turning static publications into structured, intelligent, multi-channel digital assets that can evolve with the mission.

2. The Federal Document Modernization Challenge

Most federal publications were originally designed for print or PDF distribution. The result, decades later, is a content landscape characterized by repositories that lack structure, metadata, and machine readability. Public-facing websites cannot offer rich, dynamic navigation. Internal teams responsible for policy or legislative updates operate within fractured workflows that involve emailing Word documents, marking up PDFs, and manually comparing revisions across versions.

These inefficiencies cost agencies thousands of labor hours per year—and, more critically, they introduce operational risk. When documents drive compliance determinations or benefits delivery, outdated or inconsistent publications can lead to mission delays, audit findings, and public confusion. The lack of structured content also restricts accessibility compliance, as legacy PDFs commonly fail Section 508 requirements and are costly to remediate by hand.

Modern federal publishing also demands the same content delivered through multiple channels: web, mobile, accessible PDF, machine-readable XML, and open data exports. None of these can be cleanly derived from legacy files. Sustainable modernization is therefore impossible until content is transformed into structured, reusable formats.

What we hear from agencies

- Tens of thousands of outdated PDFs with no structured metadata.
- Manual reformatting during audits or major regulatory refresh cycles.
- No DITA, schema, or structured XML usage anywhere in the publishing chain.
- Hundreds of staff hours required per release cycle.
- No formal workflow, versioning, review, or approval process for public content.
- Inability to produce multi-format outputs from a single source.
- Limited automation for tagging, summarization, and metadata extraction.
- Persistent gaps in Section 508 accessibility compliance.

> **The cost of inaction**
>
> Every refresh cycle, agencies repeat the same manual work across the same documents—paying again to fix the same accessibility issues, re-derive the same metadata, and re-publish the same content into the same fragmented channels. Docsyntra ends that loop.

3. Introducing Docsyntra™

Docsyntra is engineered as a next-generation document management, transformation, and publishing platform. At its core, it functions as a centralized content authority: every document, regardless of original format, is converted into DITA XML—a globally recognized standard for modular, semantically rich content. Once converted, this structured content becomes the single source from which all outputs are generated: web pages, accessible PDFs, Word files, JSON exports, EPUBs, and APIs.

The platform includes an enterprise-grade browser-based authoring experience built on the Oxygen XML Web Author. Editors and subject-matter experts work directly with DITA topics and maps without installing local XML tooling, enabling consistent collaboration across distributed teams.

AI is deeply embedded throughout the platform. It generates summaries, identifies entities, extracts metadata, recommends tags, detects duplicates, and surfaces inconsistencies across large collections—dramatically accelerating document preparation cycles and reducing manual effort.

Docsyntra also provides a CFR-style hierarchical navigation builder, enabling agencies to construct multi-level structures—titles, chapters, subchapters, parts, sections—through an intuitive interface. These hierarchies can be generated automatically when source metadata is present, accelerating onboarding for large document batches.

Finally, native publishing connectors—including a robust Drupal 10 integration—bridge structured authoring and modern digital experiences with precise control over formatting, theming, versioning, and accessibility.

Docsyntra at a glance

Platform pillars	
Ingestion	Bulk import of PDF, DOCX, HTML, RTF, and XML—single files or zipped batches of thousands.
Structuring	Multi-stage conversion pipeline producing validated DITA XML topics and maps.
Authoring	Browser-based DITA editing with workflow, locking, version control, and Git sync.
Intelligence	AI summarization, entity extraction, classification, duplicate detection, and accessibility scoring.

Platform pillars	
Publishing	Multi-format outputs (HTML, PDF, DOCX, EPUB, JSON, XHTML) plus a native Drupal 10 connector.
Discovery	Topic-level full-text and semantic search powered by Elasticsearch / OpenSearch.
Compliance	Engineered for FedRAMP, FISMA Moderate, NIST SP 800-53 Rev. 5, Section 508, and 21st Century IDEA.

4. Platform Capabilities

Docsyntra orchestrates the full content lifecycle—ingestion, structuring, authoring, governance, publication, and analytics—through a unified, modular platform.

4.1 Multi-format Ingestion

Documents enter Docsyntra individually or as zipped batches and pass through a fault-tolerant pipeline that selects the right converter for each file type. PDFs flow through pdf2htmlEX. Word, RTF, and HTML are handled by Pandoc. All intermediate output passes through HTML Tidy to produce well-formed XHTML before DITA conversion.

- PDF (including legacy publication-grade files)
- Microsoft Word (DOC, DOCX)
- HTML and XHTML
- RTF
- XML (including legacy schemas)

4.2 Modern DITA Authoring

Docsyntra integrates Oxygen XML Web Author so that editors can work with DITA topics and maps in a browser. Concurrent editing with locking prevents collisions, and all changes flow through a configurable editorial workflow. Schema validation runs continuously, ensuring structural integrity at every save.

4.3 Hierarchy Builder

A purpose-built CFR-style hierarchy builder lets users assemble Titles → Chapters → Subchapters → Parts → Sections in a single interface. When source documents include metadata, Docsyntra extracts it automatically and pre-populates the hierarchy—turning an unstructured archive into a navigable structure with minimal manual effort.

4.4 Drupal Publishing Connector

Structured DITA content is exported to Drupal 10 as nodes with full metadata, breadcrumbs, version awareness, automated tables of contents, and 508-compliant HTML. The connector—shaped by Bravent's federal experience—enables CFR-style browsing experiences on agency public sites without manual page-building.

4.5 AI-Assisted Capabilities

- Metadata extraction (title, summary, topics, keywords).

- Automated tagging and classification.
- Summary and abstract generation.
- Named-entity recognition.
- Content comparison and duplicate detection.
- Restructuring recommendations.
- Quality and readability scoring.
- Regulatory content classification.

4.6 Version Control & GitHub Sync

Docsyntra treats content like code. Every change is committed to a Git-backed history. Editors can compare versions, revert to any prior state, and synchronize with external GitHub repositories—giving agencies the same transparency and rigor for content that engineering teams expect for software.

4.7 Multi-format Output Generation

Powered by DITA-OT 4.x, Docsyntra generates HTML, PDF, DOCX, EPUB, JSON, and XHTML from a single source. Branded templates and agency style guides ensure that every output channel reflects the organization's identity and accessibility standards.

4.8 Search & Analytics

- Full-text and semantic search across every DITA topic.
- AI-powered relevance scoring.
- Metadata-based filtering.
- Keyword extraction and concept tagging.
- Cross-document linking and related-content suggestions.

5. Architecture & Technical Foundation

Docsyntra operates on a modular, cloud-native architecture designed for scalability, resilience, and compliance. The architecture is divided into discrete building blocks that collectively deliver transformation, authoring, publishing, and intelligence capabilities. Each can scale independently—essential for handling high-volume regulatory ingestions without disrupting day-to-day editorial work.

All user interactions—from document upload to DITA map editing—flow through the Docsyntra Web Server. Beneath it, the Application API Layer orchestrates requests, applies authorization rules, routes processing tasks, and communicates with backend microservices. The Import Engine and Processing Engine drive transformation, while the AI Engine integrates with large language models, embedding-based search, and specialized NLP services. Metadata and structured content live in PostgreSQL or AWS Aurora; binary assets reside in S3 or Azure Blob Storage; and Elasticsearch / OpenSearch maintains the search tier.

Core components

Component reference	
Web Server	React or Vue front-end with secure API access for upload, editing, metadata dashboard, workflow, and hierarchy management.
Application & Processing Server	Orchestrates conversion workflows, DITA generation, AI inference, and Drupal export pipelines.
Database (PostgreSQL / Aurora)	Stores metadata, DITA map records, workflow state, version history, user permissions, and AI insights.
Search Server	Elasticsearch / OpenSearch index of DITA topics, supporting full-text, semantic, and AI-enhanced retrieval.
Processing Engine	Executes PDF→HTML, DOCX→HTML, HTML→XHTML, XHTML→DITA, and DITA→multi-format conversions with validation and quality control.
Import Engine	Accepts single or bulk ZIP uploads; integrates Pandoc, HTML Tidy, and pdf2htmlEX; builds DITA maps; logs every issue for recoverability.
Multi-format Output Engine	DITA-OT 4.x-based generator producing HTML, PDF, DOCX, EPUB, JSON, and XHTML with agency-branded templates.

Component reference	
AI Engine	LLM summarizers, NER models, embedding-based semantic search, metadata generation, and compliance evaluation.
Drupal Publishing Layer	Synchronizes DITA content into Drupal 10 with custom modules patterned after federal regulatory sites.
Identity & Access	OAuth2, SAML, and OpenID Connect integration with agency identity providers; RBAC and ABAC.
Queue System	AWS SQS / SNS or Azure Queues for asynchronous, fault-tolerant job processing.
Monitoring & Logging	CloudWatch / Azure Monitor with SIEM-compatible feeds for continuous monitoring.

6. AI Engine: Intelligence at Every Stage

The AI Engine within Docsyntra does far more than generate summaries. It acts as an intelligent assistant embedded throughout the document lifecycle—enhancing content quality, discoverability, and compliance from the moment a document is uploaded until it is published, archived, or retired.

On ingestion, the engine analyzes each document to extract titles, authors, keywords, named entities, references, and contextual metadata. It identifies relationships between documents in a collection and proposes hierarchy assignments or cross-linking opportunities. As content evolves, it monitors edits and flags inconsistencies, missing metadata fields, or potential duplications.

For search, AI augments keyword queries with semantic understanding—enabling users to find topics by meaning rather than literal text matches. This is especially powerful in regulatory and policy environments where terminology varies across documents but underlying concepts remain consistent.

During publication, the AI also performs accessibility and plain-language analysis, surfacing recommendations to align content with federal readability guidelines and Section 508 expectations.

AI capabilities

- **Topic summary generation** — concise abstracts for navigation, search results, and discovery.
- **Metadata extraction** — titles, dates, authors, jurisdictions, keywords, and references.
- **Classification** — distinguishing regulatory, informational, procedural, and reference content.
- **Semantic similarity & duplicate detection** — surfacing redundancy across large libraries.
- **Compliance rule evaluation** — checking against agency-specific style and policy rules.
- **Automated hierarchy suggestion** — proposing CFR-style structures from raw content.
- **Accessibility & plain-language scoring** — readability and 508 readiness signals.

> **Fine-tuned for federal content**
>
> Docsyntra's AI uses domain-specific fine-tuning and embeddings to classify CFR- and regulation-style documents with high accuracy, and can be tailored to an agency's vocabulary, taxonomy, and authority structures.

7. The Document Conversion Pipeline

Docsyntra's conversion pipeline is engineered for accuracy, repeatability, and resilience. When a ZIP or batch is uploaded, the pipeline extracts each file, identifies its format, and selects the appropriate converter. Pandoc handles Word, RTF, and HTML; pdf2htmlEX handles PDFs; and all intermediate HTML passes through HTML Tidy to produce well-formed XHTML.

The resulting XHTML files become the foundation for DITA conversion. They are passed to DITA-OT, which—with the Jason-Fox Pandoc plug-in—converts them into DITA topics. Each file undergoes validation through xmllint and DITA-OT's built-in checks. If errors occur, the system logs them, marks the file as failed, and continues with the rest, ensuring that one problematic document never halts an entire batch.

Pipeline at a glance

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Upload & Extract	**Convert to HTML**	**Clean to XHTML**	**Generate DITA**	**Validate & Index**	**Publish**

End-to-end flow

1. Upload ZIP or batch.
2. Extract files and detect formats.
3. Convert each file to HTML using the appropriate converter.
4. Clean HTML to well-formed XHTML.
5. Convert XHTML to validated DITA topics.
6. Build the DITA map and apply the hierarchy.
7. Validate with xmllint and DITA-OT.
8. Index every topic in the search server.
9. Publish to Drupal and other output channels.

> **Built for batches of thousands**
>
> The pipeline is parallelized and fault-tolerant. Errors are logged persistently, surfaced in editorial dashboards, and retried selectively—turning what was once a multi-month migration project into a multi-day operational task.

8. Workflow, Governance & Versioning

Docsyntra includes a robust governance framework that mirrors how federal content teams actually operate. Every document moves through a structured editorial workflow: drafts are created, reviewed, validated, approved, and then published. Each transition is logged for auditability, and version numbers are automatically incremented.

Version control functions like modern software development. Editors can diff two versions of the same topic, revert to any historical state, and—optionally—synchronize content directly with GitHub or another remote repository. Treating content like code provides transparency, accountability, and long-term preservation suitable for regulatory environments.

Governance features

- Draft → Review → Approved → Published workflow with configurable transitions.
- Multi-agency workflow routing and task assignment.
- Major and minor version tracking with automatic incrementing.
- Git-style diffing across topics, maps, and metadata.
- One-click rollback to any historical state.
- Comprehensive, immutable audit log of every editorial action.

9. Search, Analytics & Discovery

Unlike traditional CMS searches that operate at the page level, Docsyntra indexes every DITA topic independently. This makes even the smallest unit of content discoverable, linkable, and analyzable—the foundation of high-precision retrieval in regulatory environments where exact citation matters.

The search engine combines lexical and semantic processing. Users find content through exact matches and through conceptual similarity, surfacing related topics even when phrasing differs across documents. Over time, this intelligence enables agencies to analyze content ecosystems holistically—identifying redundancies, revealing gaps, and maintaining alignment across large bodies of regulatory work.

Search capabilities

- Full-text search with topic-level granularity.
- Semantic search powered by embeddings.
- Metadata-driven filtering and faceting.
- Concept extraction and entity-based navigation.
- Cross-document linking and related-content suggestions.
- Analytics dashboards highlighting redundancy, gaps, and coverage.

10. Security & Compliance Architecture

Every aspect of Docsyntra's design aligns with federal cybersecurity expectations. The platform adheres to NIST SP 800-53 Rev. 5 security controls and is engineered for deployment within FedRAMP-authorized cloud environments such as AWS GovCloud or Azure Government.

All data is encrypted in transit using TLS 1.2 or higher and at rest using AES-256. Access control combines role-based and attribute-based mechanisms, supporting granular permissions appropriate for multi-agency collaboration. Sensitive processes—particularly file conversion—run within hardened sandboxes to mitigate the risks posed by malicious document content.

System logs feed into a centralized monitoring stack compatible with SIEM platforms used in federal continuous monitoring programs. Authentication integrates with agency identity providers through SAML, OAuth2, or OpenID Connect.

Compliance alignment

- FedRAMP baseline controls.
- NIST SP 800-53 Rev. 5.
- NIST SP 800-171.
- FISMA Moderate.
- OWASP Top 10.
- Section 508 / WCAG 2.1 AA outputs.
- 21st Century IDEA Act alignment.

Security controls

- TLS 1.2+ in transit; AES-256 at rest.
- RBAC and ABAC with cloud-native IAM.
- Multi-factor authentication.
- Comprehensive, tamper-evident audit logging.
- File sanitization prior to processing.
- Isolated sandboxes for conversion tools.

11. FedRAMP-Ready & Cloud Hosting

Docsyntra's architecture adopts patterns commonly found in FedRAMP-authorized SaaS applications: segregated network tiers, IAM-enforced microservices, encrypted object storage, and explicit boundary protections. When deployed inside an agency boundary, data never leaves the agency's controlled environment.

Because Docsyntra is modular, agencies can host components within their own ATO boundary while still leveraging external tools like code repositories where appropriate. This flexibility lets agencies maintain full control over the content processing pipeline, apply DHS/CDM scanning tools, and enforce their own vulnerability management timelines.

Deployment options

Hosting models	
Agency-controlled ATO	Full deployment inside the agency's authorization boundary, leveraging existing FedRAMP-authorized cloud services.
Hybrid	Docsyntra processing engine in GovCloud paired with an agency public website on Drupal.
Isolated enclave	Fully isolated deployment with no external connectivity, suited to the most sensitive content domains.

Recommended cloud footprint

- AWS GovCloud or Azure Government regions.
- S3 / Azure Blob Storage for object storage.
- Serverless queues (SQS / SNS or Azure Queues) for asynchronous job execution.
- Containerized processing engine on ECS / EKS / AKS.
- API Gateway with Web Application Firewall.
- RDS / Aurora PostgreSQL for structured data.
- Elasticsearch / OpenSearch for indexing.
- CloudWatch or Log Analytics for monitoring.

12. Drupal Integration & Public Delivery

Bravent's deep experience supporting federal regulatory web platforms heavily influenced Docsyntra's Drupal connector. Many agencies rely on Drupal to present public-facing regulatory and policy content, and Docsyntra bridges the gap between structured XML authoring and modern website delivery.

When content publishes from Docsyntra to Drupal, each DITA topic becomes a Drupal node with associated metadata. Breadcrumbs, navigation menus, related-content links, and hierarchical placements are all derived from the DITA map and metadata defined within Docsyntra—keeping public sites consistent, accessible, and navigable without manual page assembly.

What Drupal delivers

- Public-facing content presentation layer.
- Public search UI surfacing Docsyntra's index.
- CFR-style hierarchical browsing experiences.
- User interaction and feedback layer.

What Docsyntra publishes into Drupal

- Custom Drupal content types matched to DITA topic types.
- Paragraph structures preserving editorial intent.
- Metadata fields for filtering, faceting, and sitewide search.
- Version-aware publishing with rollback support.

13. Case Study: Modernizing a Large Federal Acquisition Agency

Anonymized engagement summary based on a real federal modernization program.

The challenge

A large federal agency responsible for acquisition policy maintained one of the most heavily referenced regulatory libraries in the U.S. government—a complex body of work spanning thousands of sections, frequently updated through formal rulemaking, and consumed daily by contracting officers, legal teams, vendors, and the public.

Despite its central importance, the underlying content lived in a patchwork of legacy formats: Word documents traded over email, monolithic PDFs published by an internal team, and HTML pages assembled by hand for the public site. Every regulatory amendment triggered a manual cascade across these formats, requiring contractors to reformat documents, rebuild navigation, re-tag metadata, and re-validate Section 508 compliance—often taking weeks per release cycle.

Audit findings flagged inconsistencies between the printed and online versions. Accessibility remediation costs were rising. And the agency's modernization roadmap called for richer digital experiences—deep linking to specific sections, machine-readable feeds, and integrations with downstream procurement tools—that the legacy stack simply could not support.

> **The mission**
>
> Convert decades of unstructured regulatory and policy content into a structured, governed, multi-channel digital authority—without disrupting active publication cycles or introducing risk to mission-critical operations.

The Docsyntra approach

Bravent deployed the technology behind Docsyntra into the agency's cloud environment and led a phased modernization program designed to deliver early wins, build editorial confidence, and progressively shift the agency to a structured-content operating model.

Phase 1 — Discovery & content inventory

- Catalogued thousands of legacy documents across PDF, DOCX, and HTML repositories.
- Profiled metadata, hierarchy, and citation patterns using intelligent engine.
- Established a target DITA information model aligned to the agency's regulatory structure.

Phase 2 — Bulk ingestion & transformation

- Ingested the full corpus through the conversion pipeline as managed batches.
- Applied automated hierarchy detection to recreate Title → Chapter → Subchapter → Part → Section structures.
- Validated every output topic with xmllint and DITA-OT, with persistent error logs surfaced to editors.
- AI-generated summaries, keywords, and metadata accelerated topic-level review.

Phase 3 — Editorial enablement

- Enabled subject-matter editors to work directly in the browser via the integrated Oxygen XML Web Author.
- Configured Draft → Review → Approved → Published workflows with role-based assignments.
- Connected the content repository to GitHub for code-grade version history and rollback.

Phase 4 — Multi-channel publication

- Published structured content to Drupal 10 with breadcrumbs, automated tables of contents, and CFR-style browsing.
- Generated accessible PDF, DOCX, EPUB, and JSON outputs from the same single source.
- Exposed REST APIs and webhooks so downstream procurement and analytics tools could consume canonical content directly.

The outcomes

60–70%	1000s	1	100%
Faster release cycles	Topics under active governance	Single source of truth	508-compliant outputs

Before vs. after

Before	After Bravent's Solution
Manual reformatting of PDFs, Word, and HTML on every cycle.	One structured DITA source generates all outputs automatically.

Before	After Bravent's Solution
Inconsistencies between printed and online editions.	Single canonical record reconciles all channels.
Accessibility remediation performed reactively, after publication.	508-compliant HTML and PDF generated by default at publish time.
Hierarchy and metadata maintained by hand in spreadsheets.	AI-assisted hierarchy and metadata extraction at ingestion.
No formal version history; tracking changes by filename.	Git-backed version control with full diff and rollback.
No machine-readable feed for downstream tools.	REST APIs and JSON exports from the canonical repository.
Each refresh cycle measured in weeks of manual labor.	Refresh cycles measured in hours of editorial review.

Mission impact

By converting an aging, fragmented publication process into a governed, AI-assisted, structured-content platform, the agency gained the ability to publish faster, publish more accessibly, and deliver new digital services—without expanding the editorial team. Bravent's Solution became the operational backbone for a regulatory library used by tens of thousands of federal and industry users every day.

14. Measurable Outcomes & ROI

Docsyntra is designed to deliver measurable, defensible value across the dimensions federal leaders most care about: cost, risk, speed, and compliance posture.

Value drivers	
Cycle-time reduction	60–70% faster modernization and release cycles compared with manual workflows.
Labor avoidance	Hundreds of staff and contractor hours per cycle redirected from formatting to substantive review.
Audit posture	Every change tracked, versioned, and attributable—simplifying audit response and oversight reviews.
Accessibility cost	508-compliant outputs by default eliminate the bulk of after-the-fact remediation contracts.
Mission agility	New channels (APIs, JSON feeds, mobile, EPUB) enabled without re-engineering the editorial process.
Risk reduction	FedRAMP-aligned architecture and sandboxed conversion reduce both cyber and operational risk.
Knowledge retention	Structured, semantically rich content survives staff turnover and platform changes.

15. The Road Ahead

Docsyntra continues to evolve in close partnership with the federal agencies it serves. The platform roadmap is shaped directly by mission feedback and emerging policy expectations.

Planned and in-flight enhancements

- **OCR for scanned PDFs** — bringing decades of paper-era publications into the structured ecosystem.
- **Automated DITA modularization** — AI-driven decomposition of long-form content into reusable topics.
- **Real-time collaborative authoring** — multi-author co-editing with presence and live conflict resolution.
- **Braible integration** — direct interoperability with Bravent's Braible product for in-place web modernization.
- **Voice-based authoring** — accessibility-first dictation and structured-content capture.
- **Predictive tagging** — agency-specific fine-tuning for taxonomy, classification, and policy alignment.

16. Why Bravent

Bravent LLC is a federal digital services and enterprise modernization firm. Docsyntra is a flagship Bravent product—built from real federal experience, not adapted from a commercial offering looking for a federal market.

Bravent at a glance

- SBA 8(a) certified — Small Disadvantaged Business (SDB).
- CMMI Development Level 3 and CMMI Services Level 3 appraised.
- ISO 9001:2015 — Quality Management.
- ISO 27001:2022 — Information Security Management.
- ISO 20000-1:2018 — IT Service Management.

Federal modernization track record

Bravent has delivered high-impact modernization projects across the federal landscape, including engagements with GSA (Acquisition.gov FAR/DFARS), the Department of Commerce (Commerce.gov, NTIA), the National Institutes of Health (NIH), the Bureau of Land Management (BLM), the Minority Business Development Agency (MBDA), the U.S. Patent and Trademark Office (USPTO), and the Department of Transportation (DOT).

> **Built from federal experience, not retrofitted to it**
>
> Every component of Docsyntra reflects lessons learned from delivering real modernization outcomes inside agency boundaries—on real timelines, against real authorizations, and for real public missions.

17. Get Started

Docsyntra is ready to engage with agencies modernizing regulatory libraries, policy handbooks, technical manuals, public guidance, or any document ecosystem where structure, accessibility, and intelligence matter.

Start with a focused pilot

Most agencies begin with a bounded pilot—a single regulatory title, a policy handbook, or a defined document collection. A focused pilot delivers structured content, governance workflows, and Drupal integration within weeks, providing a tangible foundation for broader rollout.

Engagement options

- Discovery workshop — content inventory and modernization roadmap.
- Pilot deployment — a bounded ingestion, transformation, and publication engagement.
- Full modernization — enterprise-scale rollout with editorial enablement and integration.
- Managed operations — ongoing platform operations, content support, and AI tuning.

Let's talk

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