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Internal Blockify:

Transforming Secure Knowledge Management and Retrieval for Compliance-Driven Organizations



Blockify is Internal Technologies' patented data ingestion and distillation engine that converts unstructured, fast-changing agency content (policies, field reports, compliance records) into governed, versioned "IdeaBlocks" optimized for retrieval-augmented generation (RAG). The result is grounded answers, lower cost and full auditability across restricted environments.

Key features:

- **Patented data distillation engine:** Converts unstructured content into modular, governed "IdeaBlocks" optimized for RAG.
- **Secure architecture:** Supports air-gapped, on-premises and hybrid deployments; ensures sensitive data never leaves the agency boundary.
- **Governance by design:** Built-in version control, lifecycle management and audit trails for FOIA, HIPAA, CJIS and other regulatory requirements.
- **Role-based access control (RBAC):** Granular permissions for policies, standard operating procedures (SOPs) and regulatory guidance to maintain compliance and prevent unauthorized access.
- **Optimized retrieval:** Delivers citation-backed, accurate answers with up to 78 times improvement in AI accuracy and three times token reduction for cost efficiency.

Benefits:

- **Compliance and security:** Meets strict regulatory standards while safeguarding sensitive information.
- **Operational efficiency:** Reduces time spent searching and validating documents; accelerates decision-making.
- **Cost savings:** Lower compute costs and latency through optimized retrieval and compression.
- **Audit-ready transparency:** Provides clear provenance and version history for public records and compliance audits.

Industry and Market Insights

Federal agencies are accelerating adoption of AI, automation and digital platforms to modernize operations and enhance mission outcomes — while prioritizing security and compliance. Rising cybersecurity threats and evolving frameworks such as Zero Trust, CMMC 2.0 and FedRAMP are fueling demand for solutions that guarantee data privacy, auditability and regulatory alignment. Recent policy shifts and expanded IT budgets favor commercial, off-the-shelf, American-made technologies, streamlining procurement and creating new opportunities for resellers with ready-to-deploy offerings.

Use Cases

Secure knowledge management and retrieval

Securely ingests, organizes and retrieves mission-critical documents (e.g. policies, field reports, compliance records) in a compliant, air-gapped environment.

Partner Revenue Opportunities

- **Hardware + software bundles:** Drive revenue through HPE Server sales paired with Blockify licensing; upsell Intel® Xeon® and Gaudi® AI accelerators for performance
- **Professional services:** Offer deployment, integration, training and managed services for secure, compliant environments.
- **Solution expansion:** Unlock incremental revenue by adding advanced use cases like regulatory reporting, citizen-service chatbots and mission-critical retrieval.
- **Recurring licensing and software as a service (SaaS):** Generate ongoing revenue via subscription or perpetual licensing, plus vertical packages for government, healthcare and education.

Target Partner Profile

Resellers and service providers prioritizing compliance, data privacy and turnkey AI solutions for fast deployment and measurable ROI.

Conversation Starters With Your Customers

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| <ul style="list-style-type: none">• How is your agency currently managing and securing mission-critical documents, and what challenges do you face with compliance or information access? | <ul style="list-style-type: none">• With the growing emphasis on automation, cybersecurity and AI in federal initiatives, what priorities or projects are top of mind for your team this year? | <ul style="list-style-type: none">• How critical is it for your organization to run AI completely offline — without any cloud dependency — to ensure compliance and eliminate data exposure risks? |
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Ready to deploy secure AI at scale?

Contact AISolutions@tdsynnex.com for more information.
<https://www.tdsynnex.com/na/us/ai-solutions>

Resources: > **Destination AI** > **Internal Technologies**