

Federal Intelligent & Data Automation Platform (ATOM)



AI and digital insights as a service

US Federal Government agencies need to maximize the value of their data not just across their own enterprise but across the federal ecosystem as well. A constant challenge, however, is harnessing data locked away in various mission-critical agency systems and transforming that data into actionable intelligence for federal decision-makers.

IBM's federal intelligent data and automation platform, called ATOM, provides digital connectivity across information silos, enabling advanced inter and intra-agency data discovery and delivery across the federal ecosystem within a more secure and scalable end-to-end service.

IBM's insights-as-a-service platform is:

- Open source, helping avoid vendor lock-in and offering the flexibility of using open source solutions at all layers
- AI-driven, supporting state-of-the-art artificial intelligence (AI), machine learning (ML) and cognitive services throughout the platform
- Cloud agnostic, allowing compatibility with IBM Cloud, AWS, Azure and other cloud services supporting public/private, hybrid and multi-cloud environments

Unified AI, data and intelligent automation (IA)

ATOM drives rapid value for federal agencies. Our data fabric, IA service and AI/ML modules are federated within a single platform and supported by industry leading tools, accelerators and value-focused implementation approaches. This allows IBM to bring information-centric decision capabilities through advanced data availability to federal agencies, all without the complexity, expense and time incurred through a build-in-place program or project.

Delivering capability from the ground up or extending existing capabilities within a scalable platform, ATOM modules are quickly configurable, allowing organizations to choose software and hosting options to meet enterprise technology requirements.

IA as a service: ATOM brings together intelligent workflows and robotic process automation (RPA) to provide a ready-to-use environment with preconfigured capabilities to support our federal customers at any point on their automation journey.

Insights as a service: ATOM provides preconfigured artificial intelligence, machine learning and reporting capabilities to support information availability and organizational readiness. Agencies can develop, train, optimize and share custom model pipelines.

ATOM in action

ATOM has been deployed and scaled at the Department of Veterans Affairs (VA), Veterans Benefits Administration (VBA) as part of its enterprise modernization effort to improve services to veterans, including decreasing processing time and improving data quality. Providing these capabilities as a managed service has transformed VBA's claims and veteran service request processes end-to-end.

ATOM has harmonized over 200 streams of data across 250 processes, integrated 45 VA and third-party systems, and leveraged AI to deliver an improved user experience while optimizing mission-critical processes.

Using IBM's ATOM platform, the VA has reduced its claims establishment processing time from 27 days to less than 24 hours.

Learn more

ATOM is ready to bring advanced analytics, intelligent automation and AI/ML modules to your agency. Contact **Jason Prow** at jprow@us.ibm.com to learn how IBM's ATOM can enable digital and AI-native capabilities and put data to work for your federal agency.

