Automatic and intelligent observability to empower mission success

Accelerate digital transformation with the Dynatrace Software Intelligence Platform
The Dynatrace Software Intelligence Platform delivers automatic and intelligent observability to simplify cloud complexity and accelerate digital transformation, freeing your professional staff to focus on executing your agency mission.

Agencies are under increasing pressure to digitally transform operations for improved delivery of vital services to citizens and other agency customers. Dynatrace provides software intelligence to simplify cloud complexity and accelerate that digital transformation. With our AI engine, Davis, at the core, agency IT teams get precise, actionable insights about the performance and security of applications, the underlying infrastructure, and the user experience. This intelligence enables them to devote more of their time to executing the agency mission. Dynatrace’s all-in-one Software Intelligence Platform allows you to make faster, better decisions focused on operational outcomes. We apply highly advanced AI to automate data analysis, providing not just comprehensive visibility but also the contextual information needed to inform action rather than troubleshoot problems.

Working smarter

Service delivery is fundamental to an agency’s success, regardless of the agency’s role. Customers’ expectations for receiving these services are being shaped by the speed and ease of use of online commercial experiences. To succeed, agencies must meet these heightened expectations while providing services that are essential to the security and well-being of the nation and its citizens.

Digital transformation — expansion of cloud computing, advanced performance management and DevSecOps for rapid and secure application development and deployment — promises to allow agencies to work smarter and meet mandates for improved service delivery under tighter budgets. But digital transformation also adds a layer of complexity which diverts resources from your core mission.

Visibility into IT operations isn’t enough to tame this complexity. Application and system owners also need observability, which provides more than just visibility into your environment; providing teams with contextual information about data from multiple sources, enabling teams to proactively solve problems rather than reactively search for them. Armed with that information, managers and executives who are answerable for their agencies’ performance are better able to understand and control their time-to-delivery.
**Software intelligence**

The continuity and integrity of your operations depend on your ability to understand not only what is happening with your applications and systems, but why various events are occurring. It’s not enough to merely monitor activity, as the level of complexity inherent in today’s distributed environments makes it impossible to keep up with data produced by traditional monitoring tools. Understanding the data depends on the analysis of data across the full-stack, together with their relationships and interdependencies. This requires software intelligence.

Relying on your IT workforce to monitor systems and develop tools for analysis is time-consuming and wasteful, with staff searching for problems rather than solving them. The Davis AI engine removes the need for guesswork and instead provides AI-powered insights covering your entire environment, including metrics, logs, traces, and a full topological model with distributed tracing, code-level detail, entity relationships, and user experiences.

With this advanced, automated observability, Davis provides teams with the information about what is happening and why it happened, before automatically remediating the issue so no end-users are impacted.

**Your path forward**

Automated deployment, configuration, and management in a single platform provides the situational awareness needed to maximize the performance of complex IT systems and ensures successful execution of missions.

Automation through the Dynatrace Software Intelligence Platform allows you to:

**Auto-deploy through OneAgent:** Discover all processes running on the host and activate the appropriate instrumentation for your stack.

**Continuously auto-discover and map your environment:** Smartscape creates a real-time dependency map showing relationships for all entities through the stack.

**Proactively identify problems and their impact:** Eliminating the noise and providing meaningful alerts so you can focus on what matters.

**Perform precise root-cause and auto-remediations:** Davis automates root cause analysis, enabling automation of remediation as well.

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**To take advantage of the Dynatrace Software Intelligence Platform, powered by AI:**

- Call us at +1 888 833-3652
- Email us at USFederal@dynatrace.com
- Chat with us
Customer Success Stories

Army & Air Force Exchange Services uses Dynatrace on their dynamic, high velocity eCommerce platform to break down silos between application and development teams and give management enterprise-wide visibility through a single pane of glass. Dynatrace’s automated root cause detection has empowered teams to take ownership of their code, reduced troubleshooting time and enabled recovery of technical debt.

The Air Force 46th Test Squadron uses Dynatrace’s Application Performance Monitoring platform in their testing of integrated information systems and their individual components. These systems supply real-time data needed to plan and execute missions making application performance a critical function. With millions of lines of code and highly complex applications Dynatrace is able to detect, solve and optimize automatically ensuring mission success.

The Social Security Administration uses Dynatrace’s Application Performance Monitoring platform to manage both legacy applications and new applications that leverage the latest AWS capabilities, micro-services and containers, as they continue their Agile development journey. The DCPS2 (Disability Claims Processing System 2), is one of many applications benefitting from the application performance monitoring and management and AIOps realized with Dynatrace.

The Department of Homeland Security headquarters recognized the need for application performance monitoring that spanned all DHS components across the OneNet network. They required visibility into the true root cause of application performance degradation and the assurance that mission-critical applications were meeting requirements. Starting in 2017, the Dynatrace footprint at DHS continues to expand requirements.

The National Geospatial Intelligence Agency leverages Dynatrace to ensure the availability of their most mission-critical imagery datasets. NGA depends on Dynatrace daily to meet their mission-critical goals.

The VA uses Dynatrace to deliver more agile, scalable, secure and cost-effective services, focused on the Veteran. The VA was able to deploy Dynatrace to over 2,500 hosts in 5-hours. This not only produced value and time-savings but more importantly: it allowed them to monitor their critical Telehealth components and immediately start resolving problems at scale and quicker than before when it mattered most.

About Dynatrace
Dynatrace provides software intelligence to simplify cloud complexity and accelerate digital transformation. With automatic and intelligent observability at scale, our all-in-one platform delivers precise answers about the performance and security of applications, the underlying infrastructure, and the experience of all users to enable organizations to innovate faster, collaborate more efficiently, and deliver more value with dramatically less effort. That’s why many of the world’s largest enterprises trust Dynatrace® to modernize and automate cloud operations, release better software faster, and deliver unrivaled digital experiences.