

# Optimize application performance and environments for mission success

Cisco AppDynamics helps government agencies proactively manage and optimize application performance in real time and provides full-stack observability with mission context to advance critical agency objectives. AppDynamics monitors end-to-end performance of complex, distributed applications in real time and delivers application mapping, dynamic baselining and code-level diagnostics.

## Monitor application performance proactively

Using advanced machine learning, AppDynamics learns application performance on a daily, weekly and monthly basis, establishing a dynamic baseline. When an app deviates from the baseline, your team is alerted so they can quickly identify and resolve potential problems before users are impacted or a mission is adversely affected. AppDynamics also helps address modernization and upgrade issues through real-time visibility into an app's performance and dependencies.

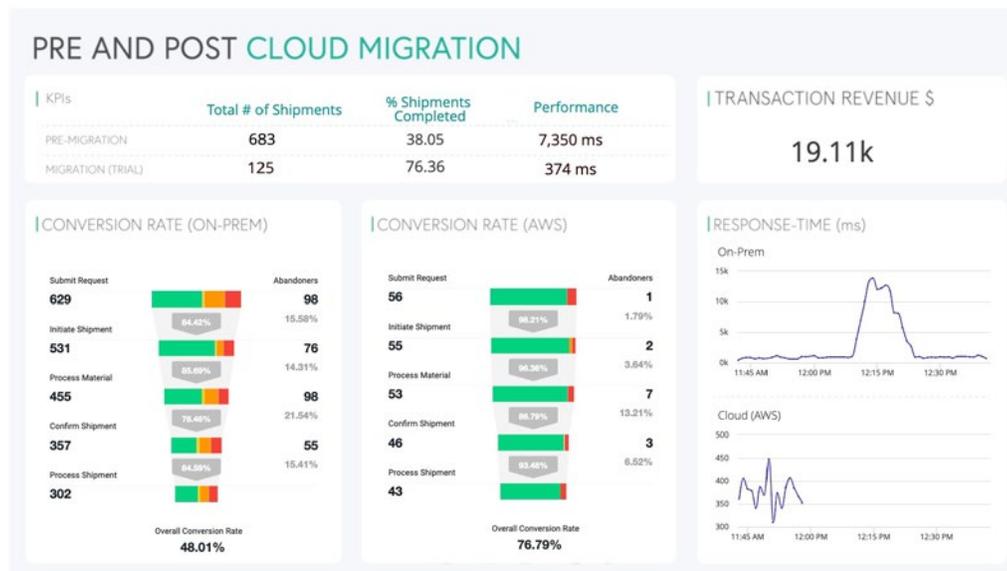


## Reduce mean time to resolution (MTTR)

When application problems occur, your team can quickly identify the root cause — whether it is in development, test or production — based on how the app is relating to its surrounding infrastructure. Anomaly detection capabilities enabled with artificial intelligence alert you immediately when anomalous behavior occurs and pinpoints where it is occurring, allowing for fast mitigation and minimized user impact. With a holistic view of an application's performance and code-level diagnostics, you dramatically lower MTTR, enable faster troubleshooting and eliminate war-room finger pointing.

## Enhance cloud migration visibility

When transitioning to the cloud, AppDynamics helps agencies ensure their applications are optimized to leverage the power, scalability and efficiencies of a modern cloud architecture. With in-depth before- and after-application performance baselines, risks associated with a migration can be minimized by ensuring application availability and performance service level agreements are honored, and any performance gaps are quickly identified and rectified.



## Optimize end-user experience

AppDynamics' deep visibility into users' application experiences provides an understanding of how usage variables, such as a user location, browser version, or device type, relate to performance issues that could affect mission outcomes. Comprehensive dashboards show whether applications are running as expected or abnormally, and how the application code or IT infrastructure can be adjusted for better performance and reliability.

Learn more about how AppDynamics is helping government agencies proactively manage their application performance at [appdynamics.com/government](https://appdynamics.com/government).