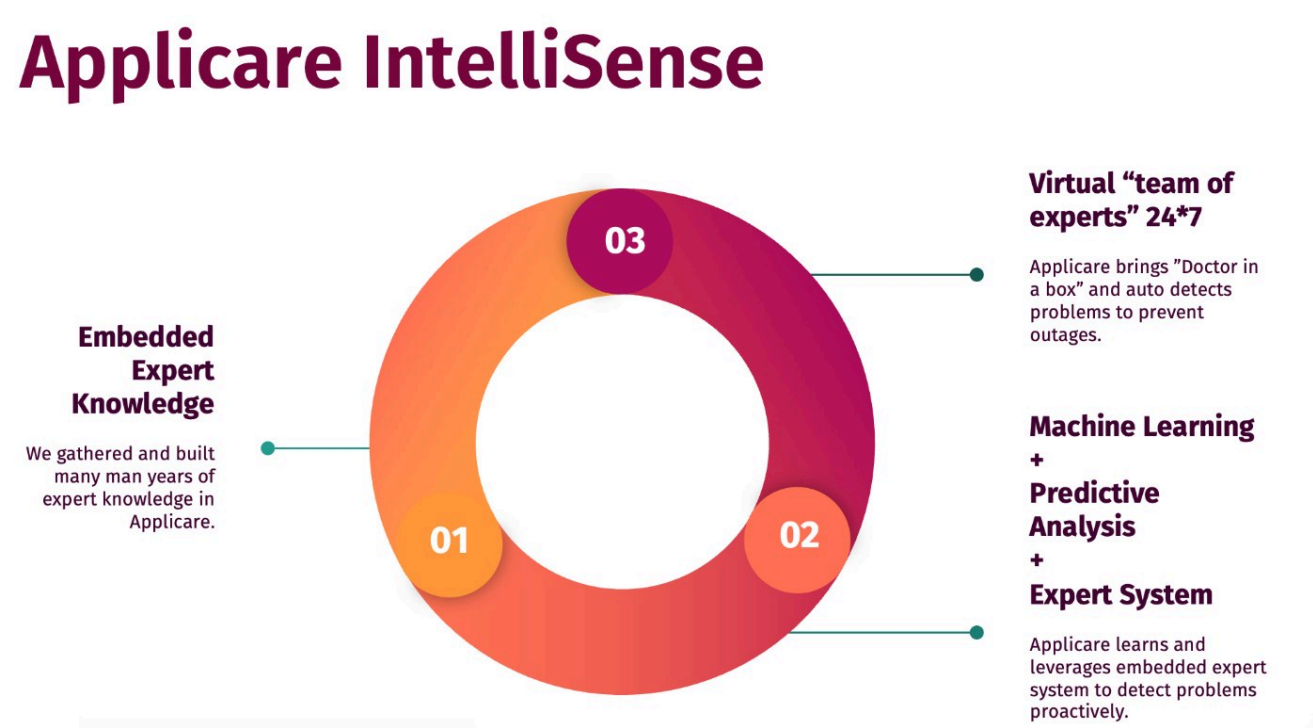
USING APPLICARE › AIOPS

Applicare IntelliSense

Applicare 10.0 · Updated September 13, 2024 · aiops · **Pending technical review**



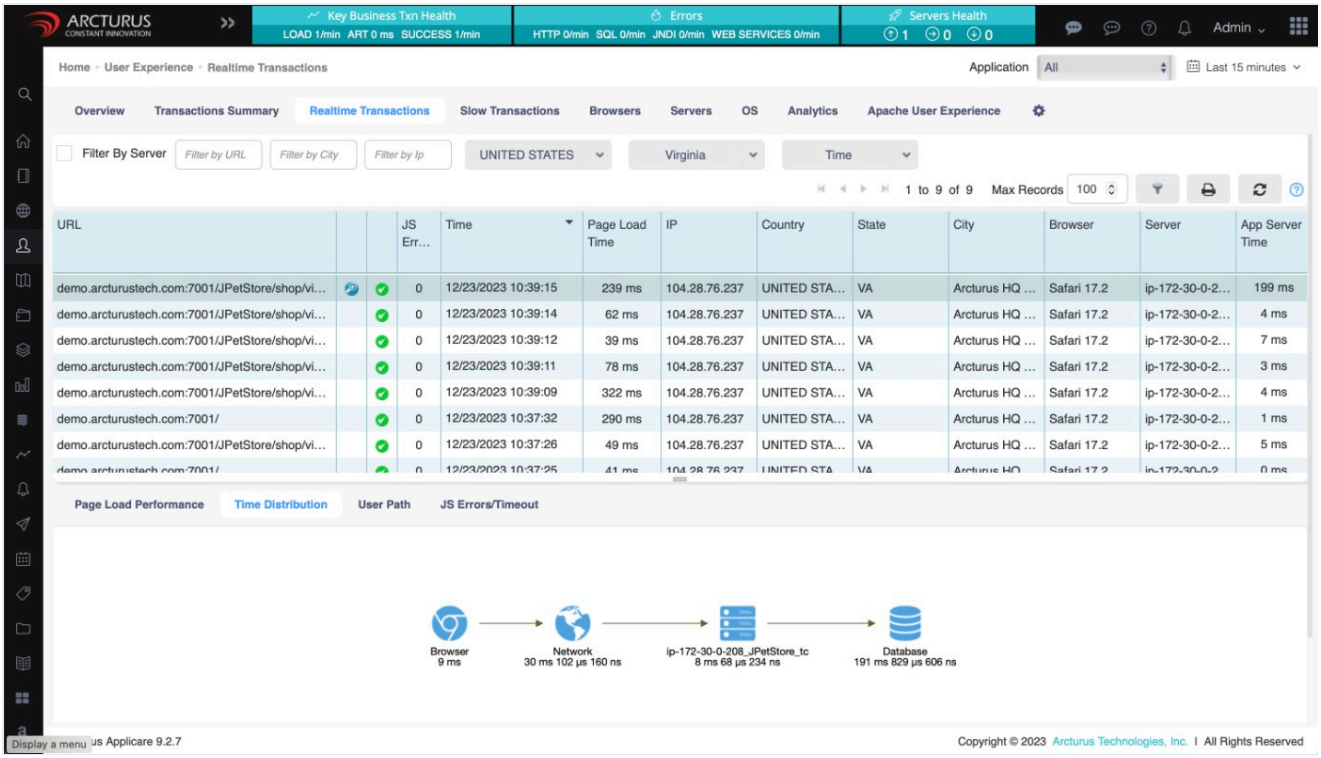
Applicare IntelliSense leverages AI to generate

- Machine Learning for Anomaly Detection
- Predictive Forecasting
- Problematic Pattern Recognition and Alerting
- Generative AI

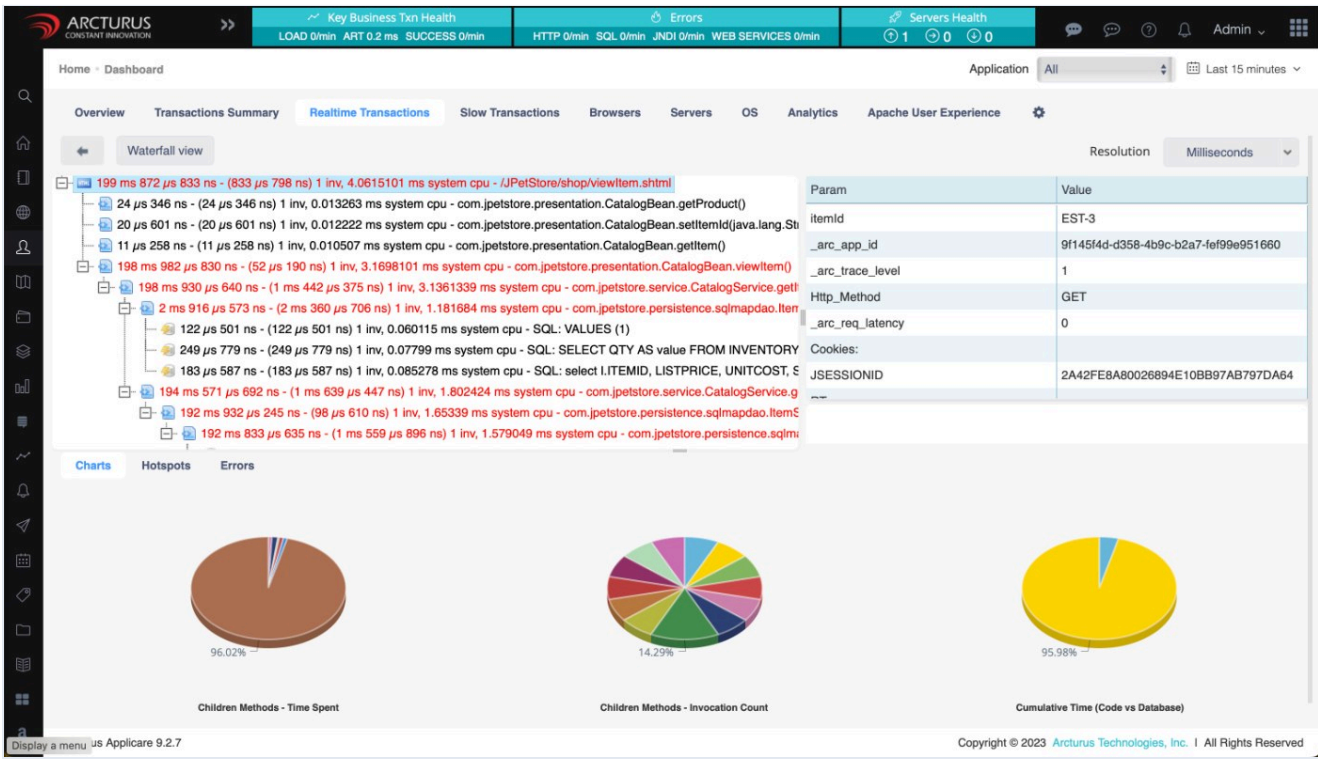
Machine Learning for Anomaly Detection

Applicare IntelliSense learns in real time from each transaction that passes through Applicare. Using machine learning Applicare automatically builds baseline and topology for each transaction type and each method with the transaction. IntelliSense leverages this machine learnt data for anomaly detections and is able to identify transactions that are slow and pin point the cause of the slowness within that transaction. IntelliSense using its machine learning does this root cause analysis down to the line of code that is causing the issue in the very first occurrence of the problem without requiring any human intervention.

Applicare auto detects slow transaction/s, identifies slowness is coming from database tier



and captures the complete stack trace (only for the slow transactions).



Predictive Forecasting

Applicare offers predictive forecasting with auto-alerts for when key metrics like Average Response Time (ART) and CPU usage approach critical thresholds.

Problematic Pattern Recognition and Alerting

Applicare has many man years for expert knowledge that is constantly working without any breaks in customer's environment. Applicare InstelliSense leveraging this knowledge auto identifies complex problematic patterns that are causing issues in the the environment e.g. detecting packets getting dropped from an ethernet card and that causing slowness in transactions due to resubmission.

We are constantly gathering these patterns from around the globe, validating and adding them to Applicare via updates. This way Applicare is getting smarter on a daily basis with a strong team of experts behind it.

Generative AI

Our team is working some of the coolest use cases of generational AI as we speak and we can't wait to show you those in our upcoming releases. Hang tight!

Monitoring with Applicare