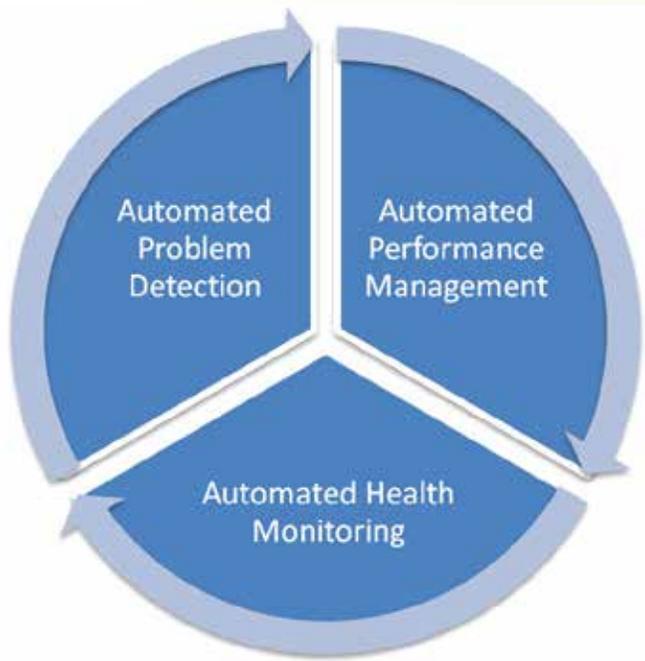


A photograph of a zen garden featuring a stack of four smooth, grey stones on a bed of sand with concentric circles. The top of the image has a blue curved border.

# Performance Simplified



**Appicare is** a Proactive Enterprise Application Performance Management suite designed by administrators and performance experts to improve performance, scalability and stability of mission-critical applications. Appicare not only monitors, analyzes and optimizes the performance of your servers, it also provides timely advice about how to cure specific problems and avoid costly failures. It does this all automatically, giving you the freedom to spend your time more productively.



Real-time processes leave no margin to recover from failure. To manage these complex systems, IT teams have an increasing need for new tools that provide visibility, intelligent analysis and control.

### Intelligent Performance Management

Appicare allows your IT staff to monitor, analyze and optimize the performance of your application & servers, and it also provides timely advice about how to cure specific problems and avoid costly failures. It does this all automatically, giving you the freedom to spend your time more productively.

With Appicare, there's no need to set thresholds. Appicare uses a built-in knowledge base and behavior profiling to determine which conditions can cause outages or a reduction in performance. Appicare can analyze thousands of matrices almost instantly, something that would take you significant time to do on your own. Appicare drills down to the transaction level in determining the root-cause and identifies the problematic transactions.

Appicare uses expert knowledge and best practices to identify performance issues with your configuration settings. With the click of a button you can kick-off a detailed analysis that would normally take weeks for an expert to achieve manually.

Appicare's unique approach of IntelliTrace - decides what to instrument and when, and IntelliSense - decides what transactions are rogue or outliers and automatically captures BTM level details on those, helps it keep the overhead significantly low compared to other tools.

### Appicare Benefits

- Prevent problems and avoid outages rather than doing root cause analysis afterwards
- Get peak performance without spending days and nights on tuning
- Leverage built-in expert knowledge for lightning-fast problem detection and receive intelligent recommendations to resolve the issues
- Auto-detect performance bottlenecks, slow transactions, stuck thread and deadlocks in your production environment and get automated root cause analysis of performance degradation.
- Auto-detect memory leaks and the cause of memory leaks down to the exact code.
- Analyze detailed historical server information, even pre-crash conditions in case of a crash
- Get deep visibility into production applications
- Reduce Mean-Time-To-Repair significantly by getting the required details to resolve the issue on the first occurrence of the problem.

### Automated Performance Tuning

A major problem that enterprises are facing is that extensive time and effort are required to align enterprise applications and application servers for optimum performance. Are you able to answer these essential performance tuning questions?

- » What should be the optimum size of heap for your application's best performance?
- » What should be the size of various generations (young, tenured, and perm) ?
- » What collector works best for your environment (Concurrent, Parallel, Compacting or deterministic collectors etc..) ?
- » How can I avoid lengthy garbage collection times and limit the pauses to an acceptable window?

Appicare can be your virtual performance expert and answer these questions for you. Appicare's inherent knowledge and decision-making capabilities transforms Java server tuning from an extremely complex task to one that entails just a few clicks.

## APPLICARE FEATURES

### Auto detect performance bottlenecks

Appicare auto-detects conditions that could cause server failure and transactions slowdowns with very high accuracy and advises of probable cause/s. Appicare gathers the required details to resolve an issue in the first occurrence of the problem itself, hence saving time otherwise needed to re-create the issue in a test environment. The result is significant time savings and reduction in down-time.

### Automated Capacity Determination

Appicare automates capacity determination and takes the guesswork out of sizing the application environment. No more spending days and nights struggling to identify the right JVM settings.

### 10 minutes install & seamless Integration

Appicare runs on it's own Java server instance and connects to Appicare agents to gather and analyze performance information. It is extremely easy to install and is very easy to integrate in your environment.

Appicare runs equally well in development and production environments. In fact, in most cases overhead is extremely low in 1-3 % range.

"About halfway through the development of a critical application we still had major performance issues. Teasing out the causes was slow and painful. Appicare was easy to stand up but powerful in its gathering and presentation of application performance data. Within hours of firing up Appicare the developers had enough information to deploy changes that led to very significant response time and application stability improvements. Highly recommended."

**Gregory Beck**  
ITF Engineer  
Buccaneer Computer Systems and Services



### Instant Root Cause Analysis with IntelliSense

Appicare has a dual approach to finding the root cause for the issues, firstly it watches for patterns that can cause an outage and warns you before they actually do. Secondly Appicare IntelliSense builds the transaction behavior profile of the environment where it is deployed. It automatically detects the outliers and stores complete details for those transaction. Stored details include the path followed, time spent at each step and input arguments, resulting in identification of exact code segment that causes bottleneck.

IntelliSense is the unique combination of traditional APM and BTM. It reduces the need to store every single detail about every single transaction while still giving that level of details for the rogue transactions. IntelliSense is made to be always on and running in production.

Appicare also offers conventional BTM approach of storing details for every single transaction flowing through the system. Appicare BTM leverages IntelliTrace and thus have lower overhead than conventional BTM tools.

### Expert Configuration Analysis

Appicare uses expert knowledge and best practices to identify performance issues with your configuration settings. With the click of a button you can kick-off a detailed analysis that would normally take weeks for an expert to achieve manually.



To request a demo  
visit <http://arcturustech.com>



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