

APM SPECIAL

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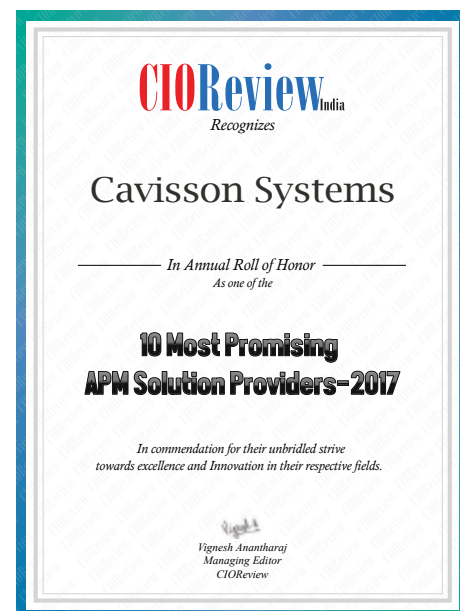
10 Most Promising APM Solution Providers-2017

Applications have become indispensable part of enterprises' business operations over the past few years. As evolving technologies and dynamic business requirements increase the complexities of organizations' IT ambience, the necessity to shift away from basic resource monitoring to comprehensive APM (Application Performance Management) is growing. The urge to attain better business visibility, need for solutions to monitor complex enterprise applications, objective to ameliorate operational efficiency, emphasis to maximize ROI and aim to improve customer satisfaction are the crucial factors driving the growth of APM software market. Additionally, increasing relevance for Cloud technologies and mobile platforms are also driving the demand for APM solutions. Presently, the rising demand for APMaaS (APM as a Service) creates substantial opportunities in the APM landscape.

APM aids in improving end user experience by boosting quality of service. It helps gain data insights into customer preferences, therefore decreases response time to resolve any customer issues. For accomplishing outstanding customer satisfaction and revenue, optimized application performance and stability remain as essential requirements. If any appli-

cations suffer from outages or poor performance, it can definitely affect enterprises' productivity, revenues and customers. Hence, tracking, managing and optimizing application performance become challenging tasks in today's dynamic technology environments. In such a scenario, enterprises look out for best IT vendors who can deliver excellent APM services. They need innovative partners who come to the fore by combining technology adroitness and colossal amount of experience for assisting enterprises to optimize best of breed APM solutions.

Today, several IT vendors play a vital role in the APM domain with strong technical capabilities and excellent practices. We at CIOReview perceive the hardships of organizations in recognizing and choosing eminent IT partners. Hence, we present a list of "10 Most Promising APM Solution Providers", for assisting organizations in the selection of apt partners to fulfill their APM requirements. A distinguished panel comprising of CEOs, CIOs, industry analysts and CIOReview editorial team have scrutinized various companies before finalizing these IT vendors who can ensure high availability and performance by monitoring applications, identifying issues, and delivering visibility as well as exceptional user experiences.



Company:

Cavisson System Inc.

Key Person:

Anil Kumar,
 Founder & CTO

Description:

A provider of APM products for Performance Testing and offers Monitoring & Diagnostics Platform. Also, it offers a service portfolio includes Monitoring & Support, and Consulting services.

Website:

Cavisson.com

Cavisson Systems:

Transforming APM with a Fully Automated End-to-end Monitoring Platform

While some applications find the privileged space in the home screen of our mobile devices, others remain lost in list of applications, until one decides to uninstall them. An obvious reason is while some applications are able to deliver an enhanced performance, others fail. The same goes for desktop applications. In today's increasingly competitive era, it is imperative that your applications deliver beyond what is expected. The source of performance issues could range from an application code executing slow or an error at JVM, VM, host server, network, database or any other auxiliary service/component to other complex issues. Cavisson Systems is driven by the belief that enterprises shouldn't be waiting for a performance issue to be reported by a business user and has hence put forth Cavisson Net-Diagnostics Enterprise (NDE), a fully automated unified monitoring platform that is designed to detect issues from customers, businesses, infrastructure and applications perspective. The solution not only runs root cause analysis but suggests a fix along with test runs in lab followed by certification of the fix for production.

Taking us through the unique features of the product, the Founder and CTO- Cavisson, Anil Kumar explains, "At the very high level, NDE's main differentiators are huge data management, machine learning-assisted advance alerting

and automated verbose drilldown in-moment data collection in case of aberrations, which we term as Key Data technology." He further adds, "Another key strength is the data visualization. NDE provides a graphical layout of the application, overlaid with the transaction flow volume and responsiveness across the enterprise. One can intuitively drilldown in a particular context to zero out the areas of slowness and profile particular transaction."

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Speaking of the effectiveness of NDE, Anil Kumar rightfully elucidates that to be able to detect the issues early in the application lifecycle; firstly one is required to create production like scenario in the lab. Hence the expert developers at Cavisson, have thoughtfully created Cavisson NetStorm. NetStorm delivers production like user volume, traffic pattern, network characteristics etc. that forces any potential issues to show up early in the lifecycle to be detected by NDE. They call this Internet-True technology. Again, the data captured through NDE proves to be quite effective to Cavisson's service virtualization solution, NetOcean which configures



Anil Kumar,
 Founder & CTO

the service times for the services simulated in the web performance testing or cloud testing to create a real life scenario for testing web applications. Anil Kumar emphasises on Cavisson's solid support for real end-user and synthetic monitoring that includes suggestions about improving the responsiveness at the front end.

When asked about the key differentiators of the firm, Anil Kumar responds that a holistic approach and a complete solution as opposed to point product is a key differentiator for Cavisson. "At a time when applications are getting more complex, only a comprehensive solution with end-to-end monitoring and diagnosis can work. But then a complete solution requires revolutionary technologies - Key Data and Internet-True. That is exactly what we have put together based on our years of research and development", opines the founder. In conclusion, Anil Kumar says that Cavisson is spearheading to emerge as a world leader in the APM domain as a provider who takes a holistic end to end real world view of entire transaction flow." UR