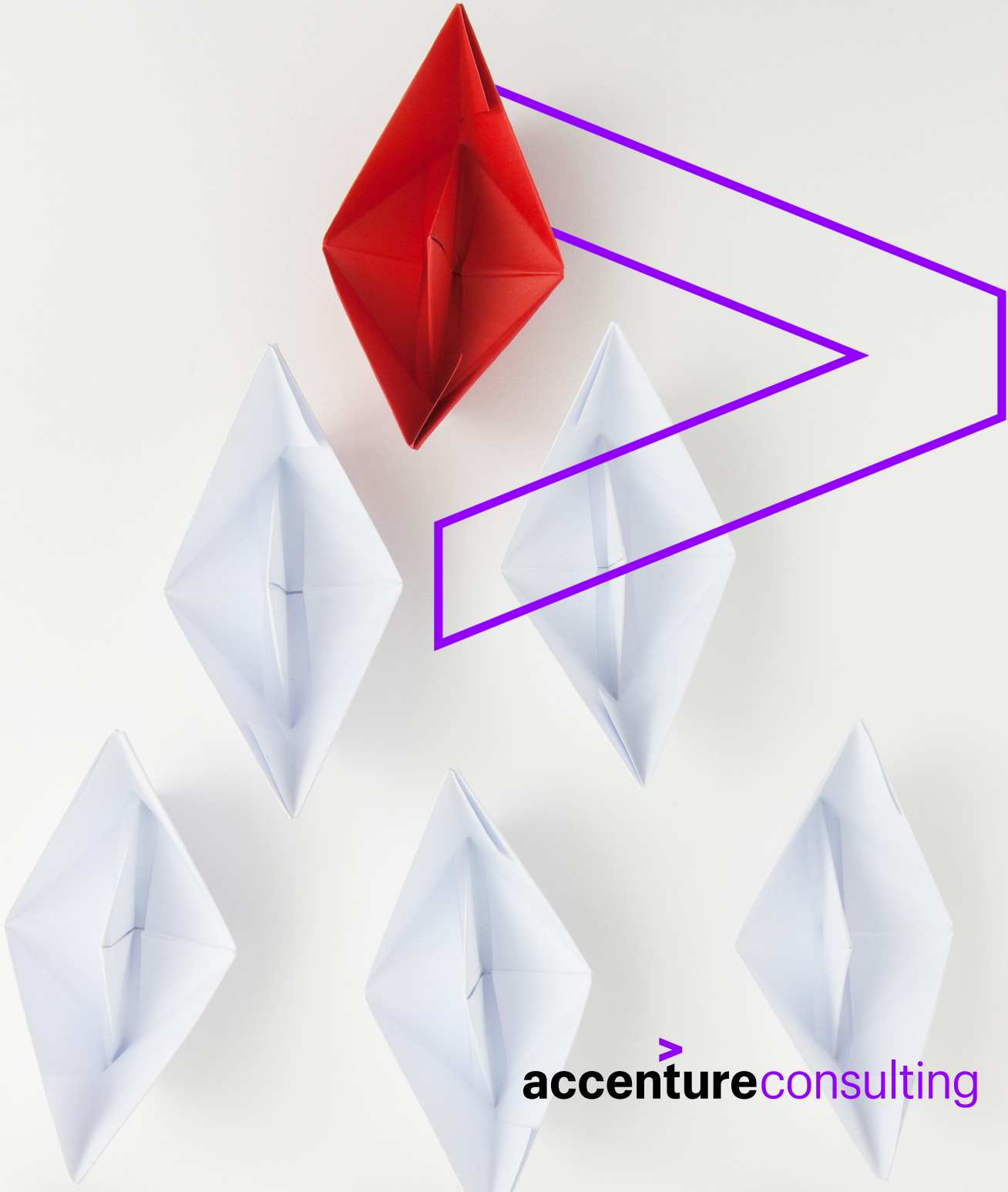


CAPITAL MARKETS
Accenture Trading Platforms

ACCENTURE CALMON



accenture[>]consulting

Accenture CalMon is a powerful and in-depth system monitoring tool—designed specifically for the Calypso™ Trading and Risk Management platform.

By providing real-time visibility into Calypso environments, Accenture CalMon makes it easy for businesses to proactively spot and fix performance issues as they arise, before they become problems.

With CalMon, Calypso clients can:



Prevent issues from escalating to the business level



Achieve a significant decline in downtime and system errors



Reduce total cost of ownership



Substantially reduce the time and resources devoted to monitoring and maintenance

Accenture is a global implementation partner of Calypso

Accenture has worked with Calypso Technology as an official partner for over a decade. Our in-depth knowledge of implementing, upgrading and integrating the Calypso Trading and Risk Management platform allows us to provide exclusive access to training materials, in addition to being licensed to carry out client demonstrations, prototyping and development. This unique partnership also enables us to significantly extend the development of solution accelerators and market Accenture-owned tools bespoke to Calypso, including CalMon and the Accenture Configuration Tool for Calypso, a change and release management tool. Our Center of Excellence provides the latest reference environment, including documentation and testing scenarios, and all our consultants are trained through the Calypso University training program.

CALMON'S EARLY WARNING SYSTEM HELPS PREVENT CALYPSO DOWNTIME BEFORE IT OCCURS—FOR A FRACTION OF THE TIME AND COST OF MANUAL APPROACHES.

As the electronification and automation of markets continues at a rapid pace, potential profits are more reliant than ever on the smooth performance of underlying systems. At best, system failures prove a major business distraction. At worst, they lead to downtime, which could very quickly and easily add up to millions in lost revenue and major reputational damage.

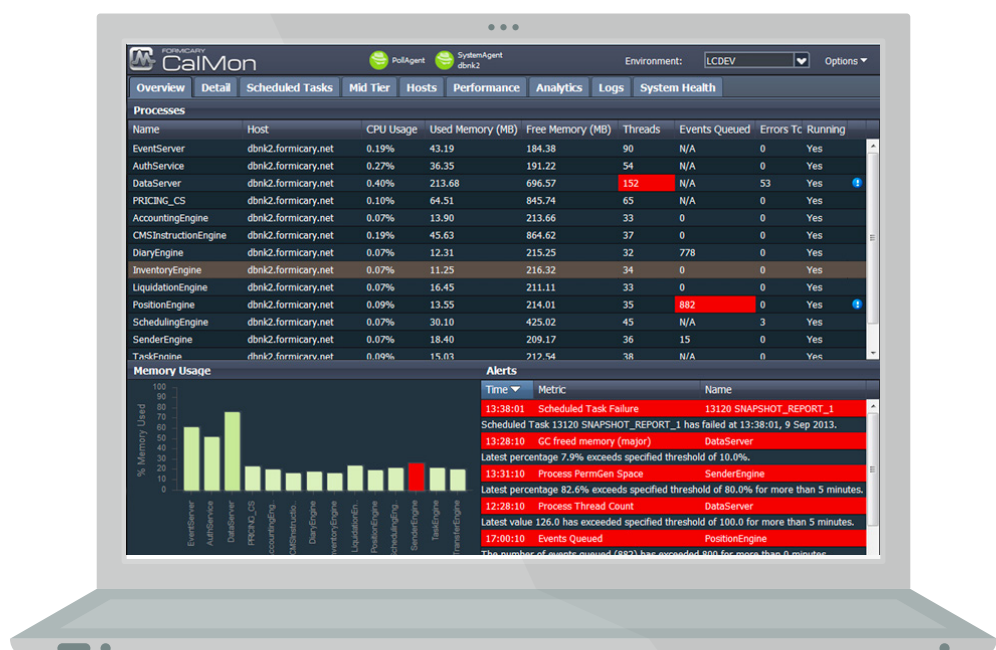
Due to its comprehensive capabilities, Calypso is a commonly used trading platform. With its power and scale, many businesses want visibility into the software's various moving parts. If a performance issue happens and causes a system or process failure, identifying and fixing the issue manually can be a trial-and-error process and an expensive drain on time and resources.

CalMon is an in-depth and wide-ranging Calypso monitoring tool. It provides a centralized, real-time analytical view of multiple Calypso environments.

Its early warning system allows the technical team to proactively spot problems as they arise, and deal with them before they impact the business team. This prevents avoidable downtime—and where downtime is unavoidable, it means that investigations that would otherwise take hours can now take minutes. In addition, CalMon allows for easy and sophisticated trend analysis.

Unlike generic 'last resort' system monitoring tools, CalMon is tailored specifically for Calypso. It is user-friendly, straightforward to implement and, thanks to intelligent utilization of existing metrics gathering methodologies, it is designed to have no impact on your Calypso's performance.

All-in-all, CalMon allows businesses to spot Calypso environment issues earlier and is a useful tool for firms that use Calypso.



Designed specifically for Calypso, CalMon is one of the most in-depth and wide-ranging system monitoring tools currently available on the market. From its early warning system to its powerful analytics capabilities, CalMon boasts a range of useful features:

VISIBILITY OF THE ENTIRE CALYPSO ECOSYSTEM, INCLUDING:

Processes—memory pools, CPU, garbage collections, automatic recording of thread dumps

Database—cache misses, DB table sizes, DB latency, SQL query times

Interfaces—file presence monitoring and MQ (Message Queue) monitoring

Hosts—disk space, CPU, memory, swap space, logged in sessions, network usage and disk I/O

Scheduled tasks—overrunning tasks, failures, initialization problems, JVM and error monitoring; run times can be graphed to see performance trends over time

Events—events queues, consumption rates, stuck events (graphing and altering)

Calypso errors—errors are recorded in real-time, stored for easy searching, and can be tagged for categorization and sorting; error counts can also be graphed over time, along with the daily production of error summary reports

Mid tier—risk server performance and report output monitoring

RMI and user sessions—allows for visualization and searching on method calls and Calypso user sessions

A fully developed tool, CalMon boasts a client-driven product roadmap, and new versions are included with all client licenses.

POWERFUL ANALYTICS

For graphing and comparing over 50 different Calypso metrics, all stored in the CalMon database for historical investigations

REPORTING FUNCTION

Allowing automatic summaries to be emailed to relevant parties according to a schedule

CONFIGURABLE THRESHOLDS

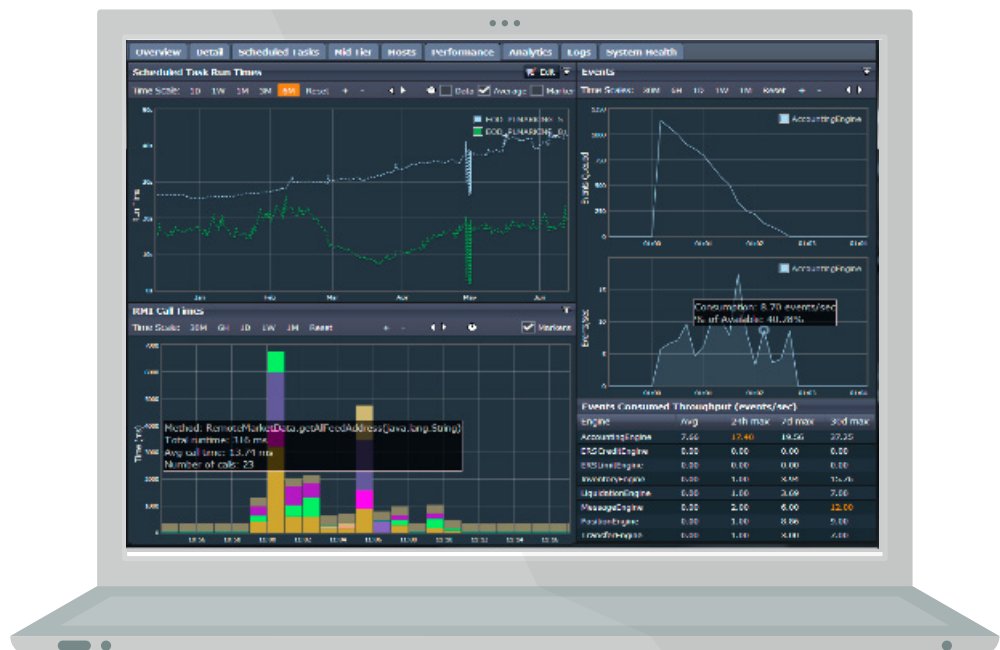
For all alerts, along with multi-metric alerts allowing for accurate targeting of danger conditions

THE ABILITY TO RESTART

Calypso processes/engines from the CalMon UI, eliminating the need for user provisioning on Calypso host machines

EASY INTEGRATION WITH THIRD PARTY ALERT SYSTEMS

Such as IBM, Tivoli, BMC Patrol, Nagios and others



DON'T JUST TAKE OUR WORD FOR IT...

For many years, businesses have used CalMon to keep Calypso running smoothly and to reduce the business impact of performance issues.

“Thanks to CalMon, we are keeping Calypso downtime and performance issues to a minimum. This in turn impacts positively on our business productivity and efficiency and helps support the bank as it responds to evolving regulatory requirements.”

Carl Gomes

Head of Financial Products Technology,
Bank of Montreal Capital Markets



CONTACTS

For more information

trading.platforms@accenture.com

Sales

Simon Watson

simon.x.watson@accenture.com

Product Team

Tim Wiffen

timothy.m.wiffen@accenture.com

Alistair Milne

alistair.milne@accenture.com

Visit us at

www.accenture.com/tradingplatforms

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