

# Pepperdata: Adaptive Hadoop Performance

## Guarantee Quality of Service for Hadoop.

Our Adaptive Performance Core™ uses real-time processing at the supervisor level to observe and reshape applications' usage of CPU, RAM, network, and disk without user intervention, to deliver Quality of Service for all jobs. Job performance is enforced based on user-defined priorities and current cluster conditions, eliminating fatal contention for hardware resources and the need for workload isolation.

## See an immediate 30-50% gain in throughput.

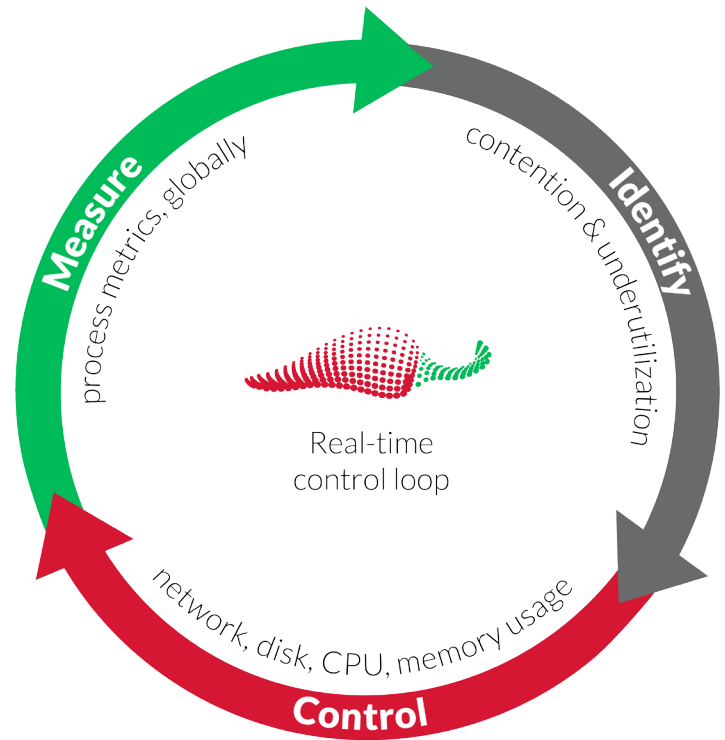
Pepperdata dynamically prevents bottlenecks in multi-tenant, multi-workload clusters so that numerous users and jobs can run reliably on a single cluster at maximum utilization, increasing throughput by 30 to 50 percent. Unlike cluster management tools and tuning, which use insufficient data and cannot respond to changing conditions, Pepperdata captures complete metrics for every process to solve performance problems automatically at scale.

## Spend 90% less time troubleshooting.

Our software pinpoints where problems are occurring so that IT teams can quickly identify and fix troublesome jobs. Since Pepperdata measures actual hardware usage in a centralized Hadoop deployment, IT departments can accurately track and allocate costs associated with shared cluster usage per department, user, and job.

## Get started today

Pepperdata software installs on existing clusters in under an hour and works with all standard Hadoop distributions, including Apache®, Cloudera®, Hortonworks®, and MapR®.



For more information or to schedule a live demo, please contact us at [eval@pepperdata.com](mailto:eval@pepperdata.com)

Pepperdata software provides consistent, peak performance on over 12,000 production Hadoop nodes — including at several Fortune 50 companies.

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