

Advanced Analytics Anywhere

How can streaming analytics help my organization?

Cybersecurity

Identify a malicious intrusion before or as it occurs.

Fraud

Analyze streaming transactions to determine which needs immediate attention.

Predictive Maintenance

Predict outlier conditions from streaming machine and sensor data.

Customer Experience and Marketing

Use streaming data insights to personalize interactions.

Stream Data Management

Transform and clean data in motion, storing only what you need.



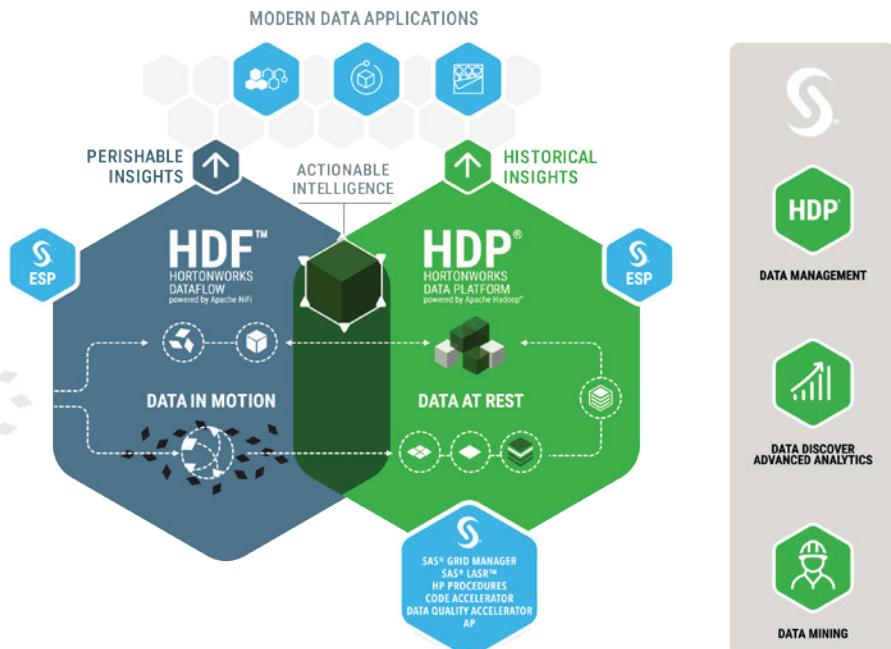
Don't just store your data in Hadoop. Set it free with analytics.

Together, SAS and Hortonworks bring powerful, pioneering capabilities to Hadoop. Now, you can quickly and cost-effectively apply analytics to all your data – including complex, massive sources of streaming data that previously couldn't be captured or analyzed. The result is a simple path toward smarter decisions.

SAS® and Hortonworks – advanced analytics anywhere

Enterprises can run SAS, including SAS Event Stream Processing, SAS Visual Analytics and SAS High-Performance Analytics, in concert with Hortonworks Data Platform (HDP) – the only 100 percent open source data platform powered by Apache Hadoop – and Hortonworks DataFlow (HDF) – an integrated platform powered by Apache NiFi to collect, conduct and curate data in motion.

Whether the data is in motion or at rest, structured or unstructured, new or existing – SAS and Hortonworks make the relevant insights accessible to decision makers in real time.



What's in it for you?



Achieve faster, more efficient and less costly data storage and processing.



Capitalize on a broad range of deployment options.



Bring historical perspective of disparate data in one place.



Apply advanced analytics to all types of data – directly within the Hadoop cluster.



Reduce the time required for data preparation, model development and model deployment.



Utilize the latest machine learning techniques and conduct more model iterations.



Lift data into memory and capitalize on Hadoop's distributed computational power.

A broad range of deployment options

SAS Cloud Analytics, available as both SaaS and enterprise hosting solutions, is an easy, cost-effective way to deliver business insights through on-demand access to SAS technology.

HDP is the most portable Hadoop distribution, allowing you to easily and reliably migrate from one deployment type to another – from Windows Server or Linux to virtualized cloud deployments. Plus, Hortonworks' automated capabilities for backup to Microsoft Azure and Amazon S3 provide a seamless recovery strategy for enterprise data.

Don't let streaming data pass you by. Capture it with analytics.

- **Marketing:** Create experience-based, personalized offers and increase campaign effectiveness.
- **Fraud Detection:** Intercept and prevent online fraud in real time.
- **Market Risk Reporting:** Reduce exposure to financial and reputational risk.
- **Retail Optimization:** Improve in-store and online shopping customer experiences.
- **Health and Life Sciences:** Optimize outcomes by immediately detecting, and reacting to, threats to patients' health.
- **Predictive Asset Maintenance:** Save costs and time by detecting asset defects before they happen.
- **Network Optimization:** Monitor network in real time to proactively address issues that could affect service levels.

SAS Products are Certified

SAS products have earned *Product Integration Certification* with HDP, HDF and are YARN and OPS Ready.



For more information visit sas.com

