Big Data Solutions

Data is growing at an exponential rate. HPC Wales offers an easy, affordable way to respond to the challenges and opportunities of 'big data' and revolutionise the way you do business.

Big Data Solutions

High Performance Computing (HPC) Wales provides a highly scalable, powerful analytics tool for predictive analytics and actionable insight.

Integrated with the latest data analytics frameworks (including Hadoop and Spark), our large scale, easy to access data facility will help you see your way through the 'data deluge' to leverage valuable information and keep you ahead of the competition.

Benefits

- Rapidly turn structured and unstructured data into business critical knowledge

- Enable management and your team to make better decisions, faster

- Scale large datasets reliably, securely and affordably

- Pinpoint sources of revenue and reduce missed opportunities

- Process data quickly using software like Mongo and R, with minimal configuration

Key features:

Intensive computation

With HPC Wales' compute and memory capability, you can carry out extremely compute and memory intensive High Performance Data Analytics.

Standard, scalable infrastructure

We provide up-to-date, leading open source big data and analytics software and frameworks including:

- Apache Hadoop
- Apache Spark
- Apache HIVE
- Apache PIG
- RHadoop
- Matlab (MathWorks)
- R Studio
- Mongo
- GNU Octave
- NOSQL

Dynamic scalability

Scale your data analytics from one to thousands of cores quickly and with minimal effort. With access to over 17,000 computer cores and a peak processing performance of around 320 Teraflops, you're guaranteed a superior performance, faster analytics and better results.

Why HPC Wales?

Customised solution

We offer a compute platform that's tailored to your particular data challenges, and work closely with you to make sure our solution fits your requirements.

No configuration required

Our pre-configured system allows us to scale and optimise for new software developments, future-proofing your investment.

High speed transfer

Our Infiniband interconnects provide ultra fast transfer, regardless of data size and format. Perform large scale computation and data analytics on one platform, without having to shift data around different systems.

What does it cost?

We offer a range of HPC packages to suit your requirements, all of which include access to our full Big Data Solutions platform along with storage and technical support. Please contact us for a quote.

Find out how you could benefit from our services

Contact us for a no obligation consultation:
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