9LivesData

Creating reliable, scalable, high-performance software

services

Product Engineering
Software product development and support
Custom software development
Algorithm design and software prototyping
Technology transfer and productization
Software reengineering and modernization

Process setup
Process audit and improvements

domains

Storage and filesystems
Big data
Clouds
Scalable backends
Networking
Parallel and distributed systems

Large scale multi site development
QA process
Release and support

technologies tools

C/C++ Scala Python Fuse
Apache Spark
ZeroMQ Docker
OpenStack S3

Jira Jenkins
GIT SCA TDD BDD
Confluence

Why us

- outstanding price/performance
- millions of lines of enterprise-quality parallel code
- thousands of clients using our code worldwide
- 10+ years of agile process constantly refined
- significant experience in large-scale international development
- proven track record of research transfer to products
- quality built in from start – not a single bit lost out of EBs of data stored
- 0.27 defect per KLOC reported by SCA tools

Team of 75 highly-skilled professionals

- world-class researchers and developers with MSc/PhD in CS/Math
- majority - graduates of elite Warsaw University MIMUW department
- very strong algorithmic background
- mixture of young stars and veterans with experience from large IT multinationals
- many premier publications
- great at IP creation for clients – multiple USPTO patents

Testimonials

„9LivesData and NEC have maintained long partnership through HYDRAstor technology development.
Their incredibly high skills often helped our products making breakthrough."
Hiroaki Mizumachi, CTO of NEC HYDRAstor

Contact us

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Advanced software R&D
millions of lines of enterprise-quality parallel code
thousands of companies using our code world-wide

Storage systems

With hundreds of man-years of storage software experience, we can be a valuable partner for any storage-related startup or enterprise

- storage systems
- deduplication
- custom filesystems
- object storage
- clouds
- OST   FC   CAS
- virtualization

Highly scalable resilient backends

The NEC HYDRAstor backend we created is the most scalable and delivers the highest performance in the world among backup storage systems

- scale-out
- failure tolerance
- high availability
- self-organization
- P2P
- high-performance

Big data frameworks and algorithms

Many of our consultants hold graduate degrees in both CS and Math allowing us to deliver optimized solutions to challenging data analysis and machine learning problems

- speeding up big data algorithms
- big data analysis frameworks

Complex software and algorithms

Quality of our algorithms speaks for us. Harness their power to work for you

- parallelism
- scalability
- redundancy
- load balancing
- data distribution
- scheduling

Reducing technical debt

Even if we are late to the game, we can eliminate major drawbacks of your software

- software architecture redesign
- restructuring for high quality availability or scalability
- performance tuning

From research to product

Uniquely, we cover both ends – as we transformed research to product multiple times already

- prototyping
- evaluation
- performance optimization
- productization
- patents

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