



axceleon™

EnFuzion

EnFuzion3D: The Mission Critical Render Farm Solution

EnFuzion is the industrial strength render farm management solution. EnFuzion supports all major 64/32-bit hardware platforms, OS platforms and rendering packages. Over the past 12 years many have chosen EnFuzion for its outstanding reliability, scalability, performance, ease of use and total management.

Client/Server Architecture

EnFuzion utilizes the client-server architecture to deliver the optimal level of reliability, scalability and performance to users. The EnFuzion client-server model offers you a powerful and reliable platform, which is at the same time scalable and simple to set up and use. OSX/Windows 7 & Linux path translation has been designed in from the beginning. EnFuzion management console (Python GUI and web interface) works seamlessly within and outside the firewall.

Proven Reliability, Fault Tolerance and Fail-Over

Tried and proven in nearly a dozen years of deployment in demanding enterprise computing environments, the EnFuzion technology delivers mission critical levels of reliability, checkpointing and fault tolerance. This reliability benefits big and small render farms alike.

Guaranteed Performance

Utilizing the industry's fastest job scheduler, EnFuzion delivers reliable performance all the time, without constant user intervention. EnFuzion provides support for the new AMD and Intel 64-bit multi-core processors and Hyper-Threading technology, helping users to gain optimal utilization of the new high-performance hardware, and get the most ROI on their hardware investment.

Easy to Use, No Hidden Cost

There are no hidden costs with EnFuzion. No need for database software, specialized server hardware or training certification programs. Just employ EnFuzion with the hardware resources you have and gain productivity immediately.

Resource Management

EnFuzion matches workloads to data processing resources so that only resources satisfying job requirements are being used to execute the job. This dynamic matching maximizes resource utilization and significantly simplifies system administration for complex workloads.

Effortless Scalability, Enabling "On-Demand" Rendering in Amazon EC2 Cloud

Get ready for high-definition with EnFuzion! Designed to handle thousands of machines, EnFuzion's high performance job scheduler makes scalability a non-issue. With EnFuzion you can confidently scale up the size of your render farm and expect linear performance growth as you add machines. EnFuzion's Amazon EC2 support enables studios users to seamlessly expand with cost-effective Amazon EC2 render nodes and pay on a usage basis.

Heterogeneous Computing

EnFuzion driven virtual supercomputers consist of Windows, Linux, and OSX based machines allowing organizations to use a variety of equipment within the cluster. Multi-platform applications can execute parallel jobs on different platforms to further enhance their raw computing power.

Administration

EnFuzion provides an extensive set of features that allow for rapid deployment and integration with existing applications, and reduced management costs. It offers a complete set of tools for interaction with EnFuzion using a standard Web based browser and EnFuzion3D's Python based Desktop. EnFuzion has command line tools or an open network based EnFuzion API. EnFuzion keeps records of its usage and provides tools for producing accounting reports on how nodes are being utilized by applications.

Other features at-a-glance:

- supports tracking of license use of third party software
- maintains extensive logs of information for accounting and troubleshooting
- incorporates fault tolerance against network, system and user errors
- is able to utilize idle desktop cycles
- can provide job results in real time
- is designed with flexible configuration options
- enhances security provided by the underlying OS

Supported Platforms

- Windows 7, Server 2008
- Linux
- OSX
- IRIX
- HPUX
- Solaris
- Tru64
- AIX

EnFuzion benefits:

- immediate return on investment by maximizing the use of existing resources
- improved competitiveness by getting results faster
- improved productivity by automating manual tasks and reducing manual errors
- rapid deployment through streamlined installation and flexible configuration options
- simple integration with existing applications, requiring no changes to the applications
- reduced total cost of ownership through ease of use and reduced computer management expenses
- easy integration in mixed, heterogeneous environments, including Windows, Linux and OSX-based systems
- maintained security by enhancing operating system provided features

Return - On - Investment (ROI)

EnFuzion's ability to integrate transparently into heterogeneous environments gives organizations an immediate return-on-investment. Current Fortune 500 users of EnFuzion have been able to speed up application execution up to 100 times or more while eliminating manual tasks and errors.

Total Cost of Ownership (TCO)

With EnFuzion's ability to harness unused resources, organizations are able to instantly lower IT costs. Research shows that most users only use 30 percent of their company's CPU's capacity. With EnFuzion, organizations are able to harness and manage the available CPU cycles to automate applications and accelerate execution time.

About Axceleon Inc.

Axceleon develops and markets high-performance distributed computing software solutions for cloud environments, enterprise grids and render farms that leverages the heterogeneous IT environments that have evolved inside the world's largest companies. Axceleon's EnFuzion® is proven technology that accelerates Business Intelligence, Analytics applications and 3D Applications and is deployed by Fortune 500 companies worldwide. The CloudFuzion™ platform is available as a service (PaaS) and used on larger public clouds and high performance computing environments and runs natively on all major OS platforms including Windows®, Linux®. The management team has over 100 combined years of experience working with cloud computing technologies. Axceleon is headquartered in Southern California, with offices in Silicon Valley, New York, Singapore, Ireland and China. Axceleon offers fast, reliable technical support and services, and is a recognized leader in the cloud technology space. For more information, visit the Axceleon Web site at <http://www.axceleon.com>.

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