

Integrated & distributed background rendering solution for Phoenix and Nucoda platforms

The demand for high resolution tapeless workflows requires high bandwidth and high CPU power, which is now available with current technology. To ensure Nucoda and Phoenix solutions maximise their potential to deliver the highest resolutions with complex image processing, Digital Vision created Turbine.

Turbine is unique in its approach to distributed processing. Built around a multi-core, multi-CPU, multi-threaded architecture, Turbine can scale the amount of processes on systems based on available resources. It combines the reliability and scalability of a render grid with the performance of a computer cluster. It adds parallel power to the Nucoda and Phoenix workstations, massively improving render times by factor of 10 and allowing parallel processing for tasks such as multiple file exports to ensure on-time delivery.

Features

Driven from the Nucoda or Phoenix timeline, Turbine brings the immense power of the blade server right into the hands of the creative colourist. Linked directly to the render manager, as effects and layers are built up by the colourist Turbine kicks in and distributes the work across all available CPUs. Although typical configurations will be between 10 and 20 blades, each with 2 quad core CPUs, Turbine is scalable allowing the investment in additional hardware to be timed to match the needs of particular projects.

Key benefits:

- Local & Remote distributed Final Rendering
- Remote and distributed file Export capabilities
- Live timeline updates when distributed background rendering is performed
- Embedded Job Manager accessible from within software
- Command Line based submit functionality
- Allows you to work and render multiple projects at once
- Allow more projects to be completed from the same station
- Allow proxies, clones, debayering, decompressing and conversions to be processed on a different computer
- Annual single site subscription for up to 250 seats per facility

For more information regarding Digital Vision products please contact your local sales office or email: Sales@digitalvision.se or visit our website at www.digitalvision.tv

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