

Thinklogical provides key fiber-based systems to Animal Logic helping *Legend of the Guardians: The Owls of Ga'Hoole* take flight



ANIMAL LOGIC



Thinklogical's VX Router Series

Customer

Animal Logic

Application

Extension and routing of playback source content between theaters during post-production process
Collaboration between all studio teams

Solutions Provided

- **VX40 Router**
- **Velocitykvm - 24 Extension System**
Single-link DVI 2 displays
USB 2.0
Multi-mode fiber option

Established in 1991, Animal Logic quickly earned a reputation as one of the world's leading design, visual effects and animation companies. With studios in Sydney, Australia and an office in Los Angeles, California, Animal Logic continues to produce award-winning work for a diverse, international clientele.

Early success working with leading advertising agencies and television commercial directors provided Animal Logic with a platform for a successful expansion into feature film work including *Babe*, *The Matrix*, *Moulin Rouge!*, *Hero*, *300* and culminating in the 2006 release of Australia's first digital animated feature *Happy Feet*.

Animal Logic's continued commitment to the production of television commercials, series and feature film visual effects allow teams of experienced digital artists exposure to ideas and techniques shared across all types and scale of projects.

Thinklogical's routers streamline Animal Logic's post-production workflow while providing secure data transmission

The team behind the award-winning animated film *Happy Feet* turned to Thinklogical fiber optic extenders and routers to reduce labor costs and boost production efficiency and reliability for the 3D production *Legend of the Guardians: The Owls of Ga'Hoole*. During the production of *Happy Feet* and the early stages of *Legend of the Guardians*, many hours of labor were spent constantly repatching Animal Logic's three theaters to allow teams to work on different parts of the film simultaneously.

Together with system integrator Storm FX, Thinklogical's Australian distributor VR Solutions designed a solution to communicate the large amount of high resolution data required for the 3D stereo film quickly and securely. Within a tight four week specification-to-delivery time frame, Thinklogical's VX40 Router and Velocitykvm Extension systems were installed at Fox Studios Australia. The solutions also met all requirements without causing any technical issues.

"We had to deal with many KVM patching headaches during the production of *Happy Feet*, and we didn't want the same issues when producing *Legend of the Guardians*," said Animal Logic Head of IT, Alex Timbs. "The theaters have different users all the time, and constant repatching was inevitably going to compromise the fiber optic cable. The Thinklogical solution has allowed us to stop repatching, saving us a half hour of productivity each time and ensuring the 100% system reliability we need," Timbs explained.

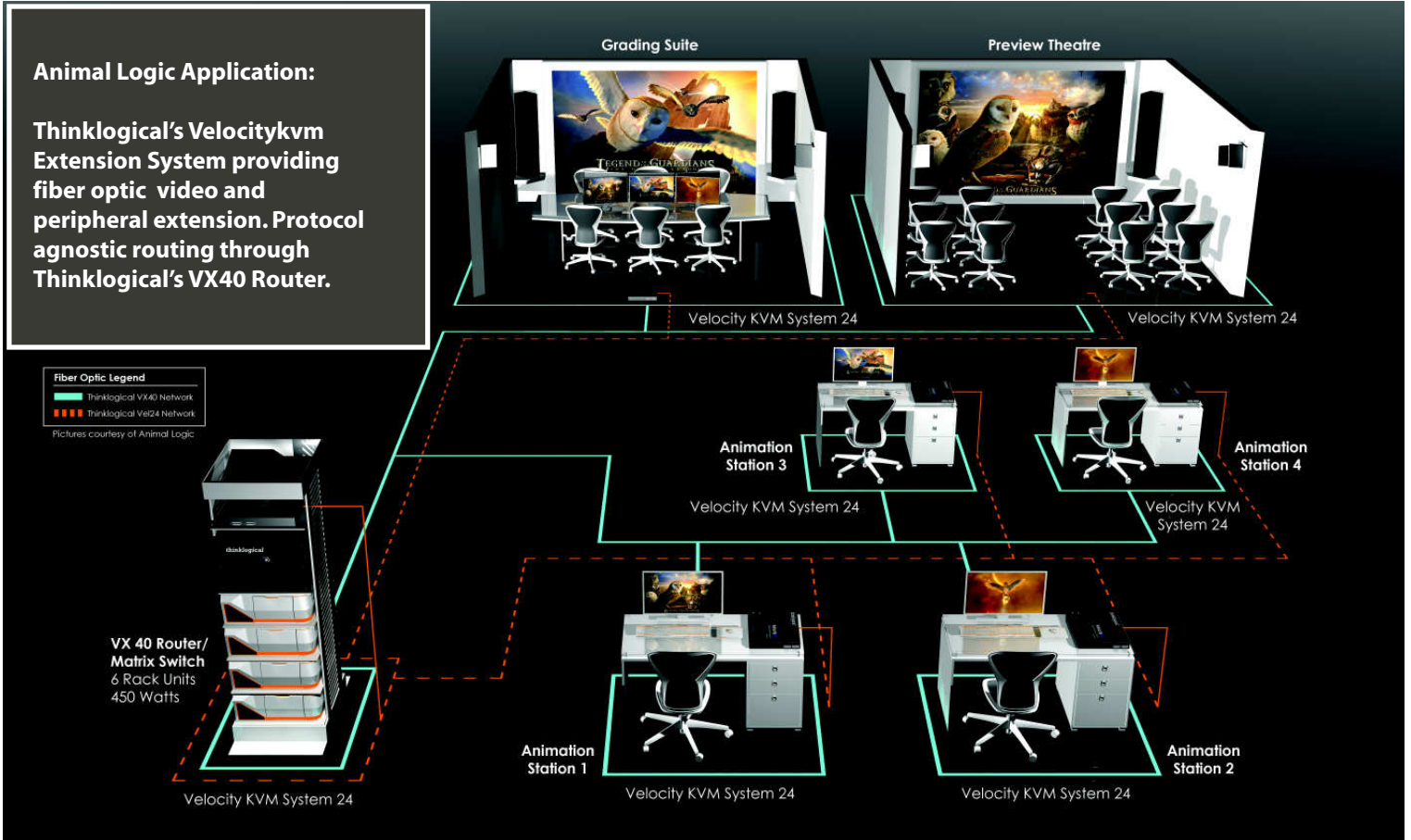
"The new hardware allows us to deliver any playback service from any source with just the click of a button as well as the flexibility to constantly modify and change the requirements as our post-production process evolves," he said.

As in many film productions, keeping film footage from leaking is crucial. Therefore security and system integrity were extremely important to Animal Logic. Since Thinklogical's family of fiber optic extension and routing products do not store or buffer any data transmission in its circuitry or components, unauthorized personnel have no chance of retrieving data that has been transmitted, switched and routed on our products. This was a key factor when choosing a system solution. "We needed seamless real-time data transmission between the theaters and the playback host to keep the data safe and secure up to 300 meters away. We did not want one piece of data to be stored on a local device where it might have been copied without authorization," Timbs said.

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~ Alex Timbs
Animal Logic Head of IT





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