Creating the world of Avatar through data.

Bringing the Avatar films to life takes a huge amount of storage space. To help manage, archive and transfer the invaluable data, Lightstorm Entertainment partnered with Dell Technologies. By employing PowerScale, PowerEdge and ECS server solutions, Pandora and all its wonders are kept safe and secure.

Behind the scenes of Avatar: The Way of Water

- 750+ million real-time files, metadata and databases
- 8 global sites
- Shoot 48 frames a second
- Over 10x more data required than for the first Avatar
- Up to 26 reference cameras

“Our relationship with Dell began with a core idea of trying to improve what we do, knowing how much that we would rely on data and storing that data and sharing that data and backing up that data, we were looking for a gold standard partner to join us and Dell turned out to be the perfect fit.”

Jon Landau
PRODUCER OF AVATAR AND AVATAR: THE WAY OF WATER

A continuing partnership

Avatar: The Way of Water and its predecessor are two of the most successful films in movie history. As they get into future films, Lightstorm will continue to lean on Dell Technologies to manage and archive their evergrowing data.

“The thing that Dell brings to the table that we appreciate the most is the expertise...it’s not just the technology and the exceptional technology; but it’s the expertise around the technology that helps us to bring the solutions together.”

Tim Bicio
CTO, LIGHTSTORM ENTERTAINMENT

See how Lightstorm Entertainment creates Pandora.