

*"We now have an elegant, cost-effective way to share and work together on files across sites and time-zones, all without the headache and complexity of a global patchwork."*

John Brady  
VP Production Technology, Brown Bag Films



ngenea with pixstor facilitates distributed collaborative workflows, giving your teams access to the data they need, wherever it is stored, creating a global data management solution that goes beyond the cloud.

Developed by pixitmedia to overcome the challenge of managing data across multiple geographies and storage-classes, ngenea provides an enormously scalable, high-performance data management layer that extends the existing filesystem into a truly global namespace. ngenea gives you complete control of your data, on your terms.

# The Power of ngenea

## Dynamic Data Management

Gone are the days when your workflows were confined to your own data centre. Enabling technologies such as the public cloud, flash storage, virtualisation and high speed wide-area networks have levelled the playing field between the smallest and largest content creators.

Whether your requirement is for transcode, burst render, "studio in the cloud" or you simply have a need to store and protect large amounts of data, there is a rapidly consumable, on-demand solution available to meet these needs.

## Move Data Easily Based on Business Need

With ngenea you can quickly and securely transport data to and from globally distributed cloud, object storage, traditional NAS filers and tape resource. Automatically moving data into the 'right cost' resource according to value and usage as teams and business needs demand.

## Remove the complexity and overheads of data movement

- Extend your capacity at exactly the right time and exactly the right price
- Minimise your on-premise infrastructure requirements
- Enable hybrid workflows with reduced egress costs without unnecessary data replications - ideal for collaborative and burst compute use cases
- Consolidate existing islands of storage into a single usable area with no interruption to service
- Significantly reduce the overheads associated with long haul data transfer
- Enterprise-scale data protection without the need for complex third-party software

## The Power of a Single Global Namespace

ngenea wraps existing file, Cloud and object storage into a global namespace within a single view of the data, retaining the full path and filename. Integrated with pixstor's powerful enhanced search capabilities, users and applications can find, read and access migrated data directly across distinct storage pools, all in a seamless unified workflow.



2.5GB/s

Up to 2.5GB/s transfer speed per file

**TYPICAL USE CASES**

**Efficient Data Management Consolidation**

Reduce the complexity of your data and asset management toolchains and realise the benefits of open architecture data transports by embedding ngenea directly into your existing asset, project and job management platforms with Python and REST APIs.

**Efficient Burst Render**

Deliver the data you need to move your render jobs to cloud compute.

**Storage Cost Saving**

Manage storage costs by automatically migrating assets from primary storage to object storage, tape and cloud.

**Consistent Asset View**

ngenea delivers a consistent view of project assets across all storage types, delivering extraordinary performance and high-availability failover protection.

**Multi-site Collaboration**

Unite distributed teams across sites by making data available in multiple locations in a single namespace, providing a consistent unified view of project assets and enabling seamless collaboration.

**Content Delivery**

Deliver assets to content stores, allowing consumption directly by end users or applications. Benefit from the option of keeping management of the assets on-premises, easily allowing revision or further distribution.

**NAS Acceleration and Migration**

Files are directly accessed from high-speed pixstor storage as needed, intelligently moving data between pixstor and existing NAS storage.

**Smarter Archiving**

Move data to archive storage, whilst preserving ease of access and data management capabilities. pixitmedia's pixstor Search allows you to retain visibility of the assets, no matter their archive status.

**Experience ngenea in a Real-World Production Environment**

The pixitmedia Lab located at our UK headquarters is a dedicated facility showcasing the complete pixstor ecosystem, where you can test, collaborate and train with us in a real-world production environment.

We have invested in a full complement of legacy, current and leading-edge hardware, applications and tools to support a wide range of contexts and workflows for Media Production, Post-Production, Visual FX, Broadcast and Remote Editing, integrated with major cloud services including Google Cloud, Amazon Web Services and Azure.



**A "WORLD-CLASS" SOLUTION**

pixitmedia uses NPS (Net Promoter Score) analysis to continually measure customer satisfaction and improve our services. We are proud that our customers have consistently rated us as "World-Class"\* and at the top of our game. \*NPS SURVEY JULY 2020

**Current Support For**

- Amazon S3
- Caringo Swarm
- Ceph (S3 GW)
- Cloudian
- EMC ECS
- Google Cloud Storage
- HGST Active Archive
- IBM Cloud Object Store
- Microsoft Azure Blob Storage
- NetApp Storage Grid
- Scality
- Spectra Logic Black Pearl
- SwiftStack S3
- Wasabi

**NFS Based Storage Shares**

- EMC Isilon
- Nexenta
- NetApp FAS
- Qumulo
- StorNext

and more...

**About pixitmedia.**

pixitmedia delivers seamless collaboration to enable the power of ideas.

Our purpose-built, software-defined storage and data solutions simplify the flow of data to connect an increasingly complex world.

Our aim is to deliver beyond expectations throughout all areas of our operation. We devise solutions that give customers both choice and freedom, our restless innovation constantly pushes boundaries and the unrivalled care and knowledge of our team ensure optimum performance and value. Customer success is at the heart of our business.

We have a dedicated in-house lab facility to guarantee the effectiveness of our solutions.

pixitmedia is privately-owned and headquartered in the UK, with offices in the USA and Germany.

**For more information on pixitmedia solutions:**

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