

# Panzura + Newforma: Fast, Secure Centralized Data Indexing

# Integrating Project Data with Storage

The bottom line for every architect, engineering, and construction (AEC) project is to get a group of participants to work together, synchronized for one common goal, regardless of their location. Knowing project details, and sharing them in a timely, coordinated manner, are keys to success.

Panzura optimizes enterprise data storage management and data distribution in the cloud, making centralized storage simple, secure, and cost effective. Panzura works with AEC companies to solve latency problems when dealing with applications such as Revit, AutoCAD, Civil 3D, Tekla, and Bentley MicroStation, along with BIM compliance issues, by implementing a distributed Global File System with centralized, protected, off-site cloud storage. This allows architects and designers to work as if their files were local. Better yet, the Panzura Controller series, configured specifically for the AEC community, helps eliminate data silos and provides an optimized solution to the 'File Open' problem by reducing latency to near zero.

**Newforma** enterprise software reduces risk, improves client service, and liberates time for design and engineering by streamlining project information management (PIM). Among its many functions, it provides one portal for all project information, wherever it is located on a company's network. It integrates with Microsoft Outlook to streamline email management. And it integrates with a variety of AEC business systems, such as SAP, Axium Ajera, and Deltek Vision.

At the heart of Newforma's enterprise product, Newforma Project Center, is a server that indexes the contents of your company's network, enabling information searches the same way search engines deliver websites.

### Panzura + Newforma = Your Advantage

- Indexed data, PIM capabilities
- Global file system
- Project transparency
- Reduce risk of using incorrect data
- Easy data accessfrom any location
- Lower TCO
- Improved clientservices

### Improved Project Delivery

Creating a solution that provides both detailed, indexed project information, along with a fast, secure centralized data storage infrastructure, is the optimal way to approach AEC projects. The combined Panzura / Newforma solution lets enterprise customers leverage the system for all project information management requirements—with Panzura removing latency in file sharing amongst remote offices and Newforma technology indexing the Panzura server for project information management functionality. In addition, the Panzura solution provides a robust archiving, backup, and disaster recovery platform.

The combination of Panzura / Newforma allows companies to work in whatever environment in which customers keep their project information, whether it is Bentley, Revit, Civil 3D, or a host of other CAD-like applications. This combined, integrated solution provides quick and secure access to project data while delivering improved project management, expediting workflows and reducing the chances of working with out-of-date files, whether from the office, in the cloud, or in a mobile situation.



### Benefits of a Combined Solution

A centralized data store, indexed by Newforma, provides dramatically faster searches that lead to quicker project development and implementation. More time is spent with the client and the project and less time on data acquisition and retention. Data is secure, versioning controls are in place, workflows remain unchanged. And that is just the tip of the (beneficial) iceberg.

The Panzura / Newforma partnership lowers the cost of data management as fewer servers are needed, leading to less management oversight. The combined solution helps AEC organizations manage and share project information, drive accountability, raise transparency, and streamline project delivery processes, including those surrounding building information modeling (BIM), integrated project delivery, contract management, and more.

With Panzura, the need to manage replicated data at remote sites is eliminated. Fewer appliances require less management oversight with a lower TCO. These are just some a couple the basic results coming from a Panzura / Newforma collaboration. The end result is a satisfied customer base

### Panzura = Total Storage Solution

The Panzura Global Cloud Storage System—consisting of PZOS (operating system), CloudFS (file system), Quicksilver NAS series, and Quicksilver AEC-2800 Cloud Storage Controller—provides enterprise-class data services including consolidation, archiving, access, security, and a highly improved global user experience. The system provides the centralized storage needed to reduce local provisioning and management. And this solution (plus cloud) provides more than just standard benefits. It provides a global file system with a common view of all files across all locations, at all times, accessible from anywhere. The

Panzura solution provides AEC companies with:

- Access to the latest version of any file from any location at any time with little to no latency.
- Dynamic file locking to arbitrate write access to a single file for users in geographically dispersed locations.
- Full cloud integration providing low cost, infinite scalability, and data protection via continuous replication.
- Large local cache capabilities to bring LAN-speed access to commonly used files.
- Active Directory integration and extended file system access control lists (ACLs) to enforce permissions.
- Up to 10,000 user-managed snapshots per controller for self-service recovery of deleted files.
- Optimized solution to the 'File Open' problem, reducing latency to near zero.

# Newforma = Total Project Clarity

Newforma's project information management software increases productivity for architects, engineers, construction professionals, and owners. It supports a more efficient workplace and improves staff productivity. And it adds value to your current environment while leveraging your existing IT infrastructure.

#### Benefits include:

- Increase transparency for all project data, emails, and issues—find project information no matter where it has been filed.
- Enhance collaboration—faster response time to clients.
- Experience zero project work interruption—improve project delivery.
- Re-use project information.
- Preserve an accurate audit trail of all issues, transmittals, submittal, and RFIs.
- Reduce exposure to risk through project process control. Leverage existing in-house IT infrastructure.
- Mark up any drawing or document without a CAD or BIM specialist.

For more information, please visit: http://panzura.com/ and http://www.newforma.com/.



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