

Unique Capabilities

- Provides **browser-based access** to all corporate systems and information
- Attaches to **structured and unstructured information** from data sources including **files, databases and applications** of all kinds
- Includes powerful **enterprise search**
- Relates information from disparate data sources automatically using **advanced clustering algorithms**
- Allows users to **define relationships** between data sources
- Supports **links and navigation** across automatic and user-defined relationships
- Incorporates **collective intelligence** through **tagging, annotating and bookmarking** of corporate data
- Aggregates and presents data from different data sources using **mashups**
- **Extracts, transforms and migrates** large data stores
- **Ensures data accuracy and consistency**
- **Corrects data** manually and automatically

All without data replication or customer programming

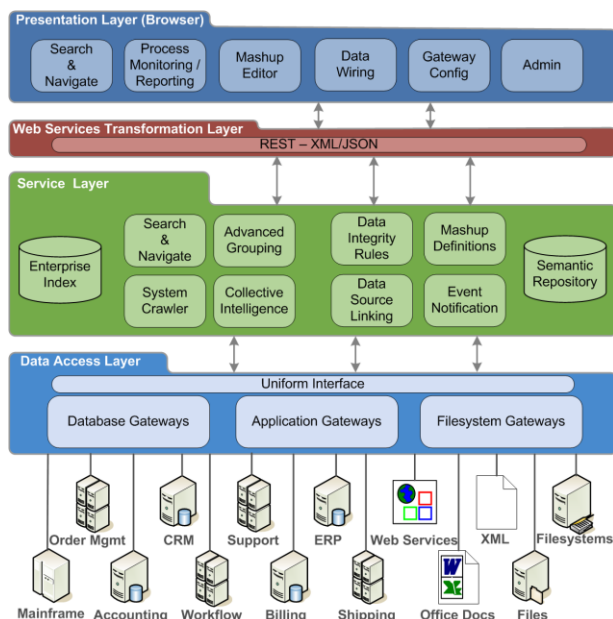
The Cost of Complexity

Companies today have complex collections of systems and data that support their business but seldom interoperate. Information is dispersed across the enterprise and often inaccessible to those who need it. And because this proliferation of systems has overlapping information, inconsistencies arise and get worse over time. The result is friction in business processes—it takes more time and effort to respond to customers or deliver products and services.

Companies need easy ways to access information across the variety of systems, directories and files. They need to present this information to people and share it among systems. The current solutions to these pressing data integration issues are inadequate. Custom integrations and traditional middleware solutions require large development efforts and high costs. Implementation projects are high-risk and prone to failure. These solutions typically provide systems-level data integration without providing data access and presentation.

A New Solution for Enterprise Data Integration

Taking the lead from Internet pioneers like Google and Amazon, NexGenData realized that new disruptive technologies (open source components, enterprise search, mashups and RESTful web services) could be used to solve longstanding enterprise data integration problems. NexGen Navigator crawls and indexes the company's systems, databases and files. It publishes this enterprise information in standard Web formats, creating a "Corporate Wide Web." NexGen Navigator becomes the portal through which people and applications access corporate information.



NexGen Navigator overlays existing environments, working with and improving the organization's current systems and tools.

Compelling Value

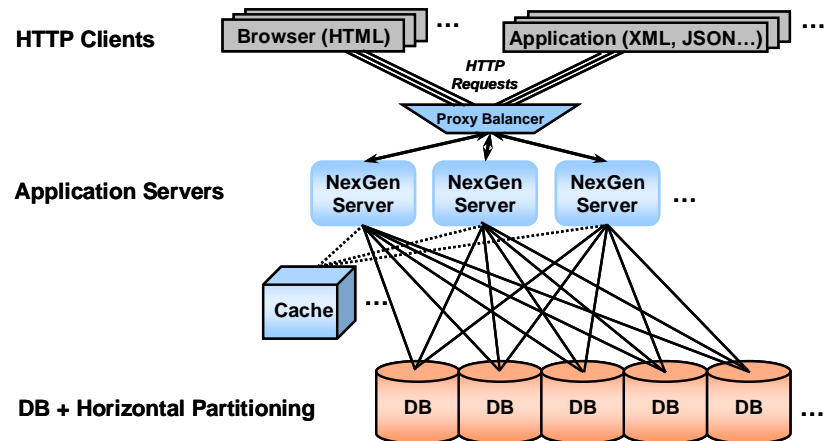
- Provides customers and users with full access and visibility to information, no matter where it resides
- Gives users complete views of business resources, consolidating information from all sources
- Enables evolution to service-oriented architectures
- Allows users to add intelligence and structure to disparate corporate information
- Enables migration to new, more powerful systems
- Identifies and resolves data errors and inconsistencies proactively
- Optimizes operational execution by reducing errors and exceptions and enabling more efficient and more capable activities and processes

NexGen Navigator provides a collection of powerful features built on the foundation of the Corporate Wide Web:

- **Enterprise Search** enables your staff to quickly and easily find corporate information, wherever it is stored and maintained.
- **Advanced Navigation** provides staff with links to other related information, allowing them to navigate through and across the corporation's information the way shoppers peruse the products in sites like Amazon.com or iTunes.
- **Collective Intelligence** allows people to tag, annotate and bookmark corporate information in ways that can be accessed, used and enriched by others, the way sites like Digg, del.icio.us and Flickr provide enhanced access to the World Wide Web.
- **Mashups** combine and consolidate information from across the enterprise, providing the ability to see complete views of critical business and operational information without having to "swivel-chair" from application to application.
- **Data Integrity** features provide the ability to define and enforce rules that specify data formats, ranges and relationships, ensuring data accuracy and consistency across the organization.

Architecture

NexGen Navigator is provided as a set of one or more appliances, easy to install, with full installation support from NexGenData. The system is designed to handle the largest environments, and customers can easily scale the solution by adding additional appliances when needed.



The system's architecture is flexible and scalable, using proven algorithms and approaches based on industry standards.

The NexGen Navigator Difference

NexGen Navigator applies Internet techniques behind the corporate firewall. It provides every record, file and data source within the enterprise with a set of unique web addresses. Every data source is converted into a consumable data feed. These data feeds support advanced relationships and user-defined mashups that relate and aggregate information spread across the enterprise and beyond, to the World Wide Web. With NexGen Navigator, it's a snap to publish any application's data as a web service when implementing service-oriented architectures.

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