

The Infobionics Knowledge Server,™

powered by the company's patented cellular technology, enables organizations of all sizes and industries to easily extract hidden meaning and relationships from data typically trapped in rigid and disparate databases. As a result, they can make more agile and strategic decisions and maximize business performance.

The first of its kind, the Infobionics Knowledge Server allows businesses to “UnData Data” and move beyond traditional information mining into true knowledge mining applications and activities.

The Infobionics Knowledge Server is the most versatile repository for nearly all types of data, with the most powerful knowledge discovery functionality available.

Industry Firsts, Performance Improvements

The Infobionics Knowledge Server delivers many industry firsts and performance improvements over current products. Specifically, the Infobionics Knowledge Server:

- Separates the logical and physical address of data to improve query performance
- Leverages unique “link cells” to create data relationships — similar to how humans associate “747” and “Boeing” — without the need for intermediary data or tables
- Supports “on-the-fly” database/application modifications without compromising the data model or database integrity and performance
- Allows users to view the data model and metadata seamlessly — focusing queries and improving query speed and results
- Supports querying of metadata, raw data and data links to greatly expand accessible information without knowing underlying data structures
- Supports multiple query methods, including keyword search for powerful global queries similar to today's Internet search engines
- Supports SQL instructions and extracts data from existing structured (e.g., RDBMSs) and unstructured (e.g., documents) databases to maximize all information assets

- Reduces cost associated with data specialists to design and maintain databases

Challenges Immediately Solved

- Designing, deploying and updating database-driven applications without going through a lengthy, costly and technically intense process that disrupts business
- Querying and displaying data in a time-efficient manner without extensive knowledge of the data, metadata and schema
- Creating data associations without developing complex data structures and experiencing massive resource and performance drains
- Performing ad hoc data analysis without the limitations associated with restrictive data models and metadata dictionaries

Benefits Delivered

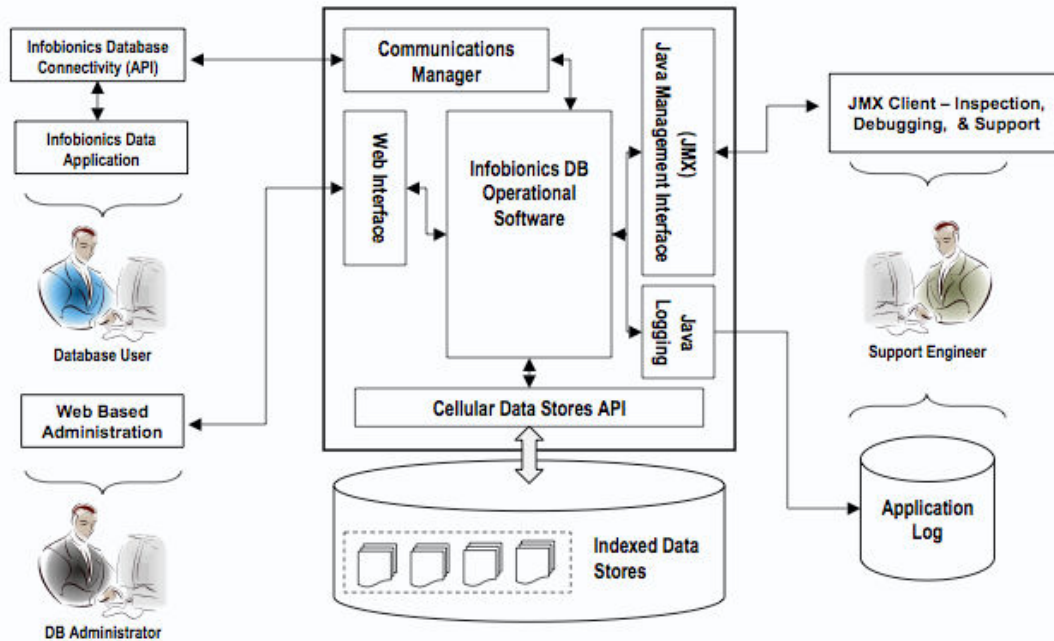
- Build applications not possible with existing technologies
- Expand range of possible queries
- Design applications without being locked into a rigid data model
- Easily query and analyze data from multiple and disparate databases
- Accommodate constant change in corporate and external data
- Empower end users by creating applications with flexible and compact query capabilities
- Substantially reduce development, support and maintenance costs

Product Testing

Fortune 500 companies, prominent universities and U.S. intelligence agencies — including Aerospace Corp., In-Q-Tel, National Reconnaissance Office (NRO), SPADAC, University of Minnesota and University of Southern California (USC), among others — have reported positive early experiences learning about and testing the Infobionics Knowledge Server.

Infobionics Knowledge Server™ Architecture

The Infobionics Knowledge Server places data into individual cells and then links cells together to create an infinite number of associations with shared attributes. This flexible design makes knowledge mining extremely efficient and supports both advanced and user-friendly query capabilities. It also permits seamless, on-the-fly updates and changes that simply are not possible with current database technologies. Visit www.infobionics.com or call (781) 620-0318.



Technical Specifications

The following specifications are recommended to effectively operate the Infobionics Knowledge Server:

- Operating System:
 - 32-bit Windows, Unix, Linux for single-user PC
 - 64-bit Windows, Unix, Linux for server
- System memory:
 - 2GB for single-user PC
 - 16GB for server
- Storage: Varies based on data volume
- Written in Java and requires a Java Virtual Machine (JVM)

Intellectual Property

Infobionics holds two patents from the U.S. Patent Office and one international patent pertaining to the company's core cellular technology concept and design.

Product Availability and Pricing

The Infobionics Knowledge Server launched in January 2009. Pricing is based on server and per seat licensing.

For more information about Infobionics and the Infobionics Knowledge Server, please visit www.infobionics.com or call (651) 221-0965.