

# END-TO-END ANALYTICS & BUSINESS INTELLIGENCE PLATFORM



[www.dimins.com](http://www.dimins.com)

Award-Winning Data Analysis & Reporting Client:  
**PRODIVER®**

*"We needed a tool that would support a cultural shift towards evidence-based decision making."*  
—Vice President & CIO, River Valley Health

## PRODIVER KEY FEATURES



### Powerful Ad Hoc Capabilities

Unlimited views of the data and dimensions to allow access from any point or perspective with unfettered diving capability—you can drill-up, -down, or -sideways



### Multiple Views

Multiple, simultaneous, data-views that enable users to see different views and formats side-by-side



### Dimension Switching

Dimension switching: allowing the key dimension to be changed out from under an existing query without redoing dives, calculations, or formatting



### Data-Driven

Data-driven Find and Filtering features to quickly narrow searches to relevant information



### Dynamic Filtering

Dynamic Filtering that lets users limit data with easy-to-use UI controls



### Data Manipulation

Data manipulation tools that support Sort, Find, Focus, and Group



### Advanced Tabular Displays

Complex tabular displays including multi-tabular, cross-tabular, and multi-crosstabular displays



### Multiple Data Source Use

Seamless switching between multiple data sources (Jump)



### Graphing & Reporting

Integrated graphing and reporting features for all tabular display types



### Time & Period Support

Integrated time and period support including period comparison and custom calendars



### Collaboration

Save and Publish features to allow the saving of queries, reports, and graphs for re-use and distribution via email or web portals—both within and outside of the context of Dimensional Insight applications



### Advanced Analysis

Advanced analysis features that allow users to create, store, and publish their own custom calculations



### Brand-Building

Customizable interface and visualizations that allow users to brand both output and the application itself

This powerful tool is an essential component of  
Dimensional Insight Platform for both content developers and power users.

## A Data Engine Designed for Hard-Core Analytics

**Rapid Analytics:** Spectre data engine provides users with unprecedented performance, especially with larger, more complex analytical tasks.

**Tame your Data:** Big data is a real concern. Organizations are experiencing large increases in data volumes. Dimensional Insight's Spectre data engine helps you analyze even the largest data volumes to make insight possible.

**Agile Development:** Bringing disparate data sources together is easy with WorkBench. It combines a complete data scientist's toolkit for ETL and data manipulation with the increased speed and performance of Spectre.

## COLUMNAR DATABASE DESIGN

Spectre uses an in-memory, binary-format columnar database. So, just what is columnar database technology and what makes it so fast?

In a non-columnar or relational database, fields of information are stored consecutively like rows in a table. This means that processing a specific query requires the application to sort

through the entire dataset. Alternately, in columnar database design, records are indexed into rows based on their category or likeness, so the application can skip over all of the irrelevant information to locate the requested record. Because only the relevant columns are accessed, specific calculations or inquiries can be processed very fast.

## HERE'S PRODIVER, THE AWARD-WINNING DATA ANALYSIS & REPORTING CLIENT:

ProDiver

File Edit Data Display Organize Window Help

Census Facility: LONGWOOD HOSPITAL Census Date: All Values (8) Admit Month: All Values (6) Census Month: All Values (1) Admit Year: All Values (2)

Admission Count	Total	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Group	21,871	1,628	3,003	4,233	3,254	3,111	3,974	2,668
Elective	4,438	47	430	1,398	596	585	1,100	282
Emergency	6,635	491	1,682	1,293	431	663	1,087	988
Urgent	10,798	1,090	891	1,542	2,227	1,863	1,787	1,398

Console

Search Dimensions

- History(Hourly Census)
- Admit Type: Group (Elective, Emergency, Urgent)
- cbases
  - Hourly Census
    - Patient
    - Account
    - Admission
    - Discharge
    - Clinical
    - Financial
    - Providers
    - Dates-Times
    - Census
    - Other
    - Rules
- Info

## ABOUT DIMENSIONAL INSIGHT

Dimensional Insight® is a leading provider of analytics, data management, and performance management solutions, offering a complete portfolio of capabilities ranging from data integration and modeling to sophisticated reporting, analytics, and dashboards. The company is an eight-time Best in KLAS winner in healthcare business intelligence and analytics, most recently ranking #1 in 2021.

### SPECTRE DATA ENGINE

Dimensional Insight's Spectre® engine (columnar database) is a next-generation data engine engineered specifically for speed and to support analytical applications. Spectre's columnar database structure stores data in columns instead of rows, placing the information needed for each individual query in close proximity and in memory, thereby producing results at lightning speed. Spectre is highly scalable and can handle the largest data sets healthcare organizations produce.

### MEASURE FACTORY

Measure Factory, Dimensional Insight's business rules engine, ensures data integrity and standardization by applying business rules and other metadata consistently across data sources. This ensures that all your users are seeing the same, one version of the truth.

### CONSULTING & CUSTOMER SUPPORT

Dimensional Insight's professional services team offers an array of services that span the entire project lifecycle — from needs assessment to system maintenance. Our consultants employ best-in-class project delivery practices to design, implement, and customize your Dimensional Insight deployment. Our consultants draw on their extensive knowledge of healthcare to deliver optimal results, faster implementations, and cost savings for our clients. We partner with each of our customers to ensure rapid implementation of all BI project initiatives. Our #1 objective is to provide the expertise and process knowledge to maximize return-on-investment and minimize risk.

### TRAINING OPTIONS

Dimensional Insight training helps users, developers, and IS/IT staff fully understand and benefit from the power of Dimensional Insight. Courses are delivered onsite at customer organizations or online. Courses can be customized to meet specific needs and organizational challenges.

### DIMENSIONAL INSIGHT IS A COMPLETE BI PLATFORM

Every implementation includes the installation of all back-end server and production components. There are no hidden costs or expensive third-party tools required to deploy additional features. Users access data through a number of interface options depending on their specific information-viewing and analysis needs.

### SEE OUR CUSTOMER RATINGS IN ANALYST RESEARCH



© 2024 Dimensional Insight Inc. All Rights Reserved. Dimensional Insight, Measure Factory, ProDiver and Spectre are either registered trademarks or trademarks of Dimensional Insight Inc. All other trademarks cited herein are the property of their respective owners.

60 Mall Road  
Burlington, MA 01803  
t: 781.229.9111  
[www.dimins.com](http://www.dimins.com)