Business Intelligence Consulting Services
Helping healthcare organizations develop and implement Business Intelligence (BI) strategies to achieve better outcomes across the entire spectrum of their organization.

Business Intelligence is key to Meaningful Use

“Analytics – the art of collection, classification, analysis, and interpretation of data (also known as Business Intelligence) – reveals patterns, anomalies, key variables and relationships to better facilitate intelligent decision-making and will be essential to a hospital’s ability to survive in the years to come. Using BI to make key decisions is just the beginning; Providers need their analytics solutions to help them perform predictive analysis with a reasonable level of confidence, basing multi-billion dollar decisions based on more concrete and reliable data points.”

Business Intelligence: Making Cents of Performance

Lorin Bird
KLAS Research Director

Looking to Learn More from Your Data?

Healthcare organizations today have data, LOTS of data. Existing EMR, HIE and database solutions capture information, but require additional processes to transform this data into meaningful scenarios. Business Intelligence strategies help achieve better outcomes across the entire spectrum of an organization, by providing insights to:

- Strengthen financial and budgetary performance
- Deepen consumer-centric relationships
- Improve the way health care is conceived and delivered

Business Intelligence is one of the four core competencies Orchestrate Healthcare consultants focus on for our healthcare clients. We deploy teams to develop and implement BI strategies for healthcare systems across the country, as well as place individuals within healthcare environments to perform complex report design and development in a multitude of EMRs and applications.

Delivering Outcomes

Business Intelligence can be more than cost and quality measurements. With Orchestrate Healthcare’s BI Team on your side, we’ll help you transform your data by fine tuning the tools you acquired to ensure fully empowered patients and providers: “driving behavior that last yard” for patient empowerment is an outcome that makes a difference for your organization!
Our BI Team is comprised of highly skilled professionals who have worked extensively in the following areas:

- Reporting
- Data and Business Requirements Analysis
- Data Warehouse Design
- Data Warehouse Development
- Database Administration
- Data Governance
- BI Infrastructure Strategy, Development and Implementation

Our specialized consultants maximize achievement and minimize disruption and costs, harnessing the power of your technology to produce the outcomes you need.

Business Intelligence Team Expertise

As BI professionals, Orchestrate Healthcare consultants:

1. **Help organizations determine:**
   - The tools to use
   - The proper data model design for current and on-going needs (i.e., early vs. late binding of certain data)
   - Optimal integration strategies for legacy systems with newly implemented EMR products

2. **Provide counsel on:**
   - BI infrastructure setup and maintenance
   - Efficient and scalable report development
   - Data mart development
   - A vast array of data governance issues

3. **Mentor members of our clients’ IT teams so they are capable of maintaining and utilizing their BI infrastructure, creating reports efficiently and using best practices**

**BI Experience Counts**

Orchestrate Healthcare's BI professionals have significant experience with several EMRs including:

- **Epic** – Our team possesses certifications in Epic Cogito data models across the board, including Inpatient, Optime, Anesthesia, Stork, ASAP, Ambulatory, Cadence, ADT, Hospital Billing, Professional Billing, Clinical Data, ETL and Cogito Data Warehouse Administration, Reporting Workbench Administration, Willow, Beacon, and others.

- **Cerner** – Our team has experience developing reports using PowerInsight Explore across the entire EMR, as well as design and coding of PL/SQL and CCL reports.

- **MEDITECH** – We have developed custom NPR reports and performed data analyses across the Magic, ClientServer and 6X platforms.

Our professionals have worked on both Oracle and Microsoft platforms using a wide variety of database and reporting tools and can make educated recommendations on proper selection and use of tools for each requirement.

We also possess a depth of experience with SAP, Microsoft, and Oracle-based tool sets. We are well-versed in the issues and trends evolving in the world of BI, including “Big Data” and “Late Data Binding.”
Delivering BI Outcomes Nationwide

Highlights of the Orchestrate Healthcare Business Intelligence Team accomplishments include:

LEADING the UCLA Medical Center internal BI Team in: developing standards, infrastructure, SQL and reporting skills; implementing Epic Cogito; merging legacy and Epic data; improving overall database performance through analysis of current structures. UCLA is currently running Epic v2010 with an imminent upgrade to v2014.

CREATING a complete Professional Billing and Ambulatory data warehouse at the largest network of federally qualified healthcare clinics in Illinois, merging legacy data from a very old version of MEDITECH/LSS and Epic v2009, with web-based on-demand reporting, cubes and extracts. Utilized SSRS/SSIS/SSAS to present the data with many cubes for slicing and dicing. Developed metrics for Federally Qualified Health Care reporting (ARRA grant) which required data model support.

LEADING the Inova Health System reporting team in creating a working BI infrastructure supporting Epic Cogito data analysis and reporting. (Epic v2010 with an imminent upgrade to 2014). Project utilized PB universe with Web Intelligence and Dashboards to present the data. Scope included:

• Over 1500 reports and extracts implemented
• Improved SQL and reporting skills for all team members
• Improved data governance, particularly in finance
• Complete Stork data mart for reporting and Perinatal Core Measures

REVISING and improving the performance of key ETLs for Kettering Health and MUSC by effectively reducing the run time of the ETLs from several hours to just minutes. (Kettering Health is currently running Epic v2012.)

DEVELOPING PL/SQL and CCL reports from Cerner revenue cycle gold-standard reports to prepare for a migration from MEDITECH to Cerner at Huntington Memorial Hospital, utilizing a team of PowerInsight and CCL report writers for development.

About Orchestrate Healthcare

Orchestrate Healthcare delivers the outcomes healthcare organizations need. We are a triple-year Best in KLAS awarded healthcare consulting firm specializing in four core competencies: EMR Clinical Implementation with an Epic focus, Integration and Interoperability, HIE Consulting, and Business Intelligence Consulting.

Our consultants are seasoned professionals with a broad range of experience. Our commitment to quality and to our customers’ success is second to none. We are known for being nimble, responsive and accessible. Our team of consultants excel at what we do, so your organization can excel at what you do.

If you are ready for a consulting company that exceeds your expectations rather than just talking about it, give us a call today at 877-303-3377.

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