

# Business Intelligence

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## Agenda

- I. Business Intelligence
  - Definition
  - Levels
- II. North Carolina General Assembly's Role
  - Timeline
  - Initiatives
- III. Government Business Intelligence Competency Center (GBICC)
- IV. Agency Requirements

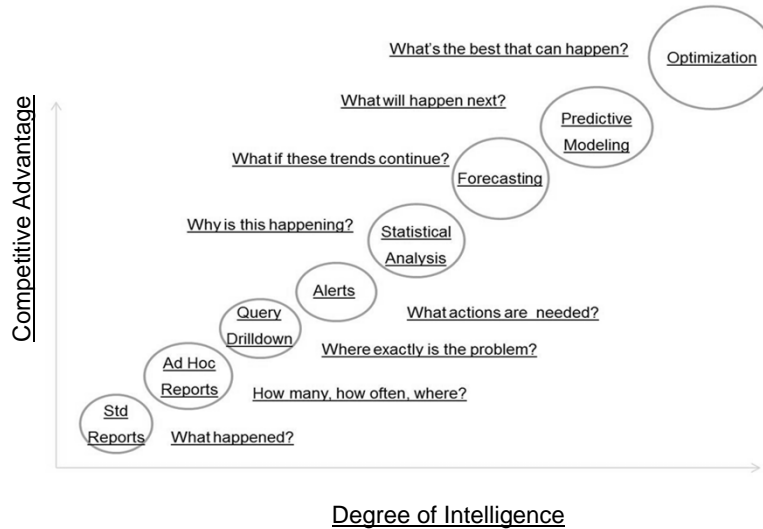
We are drowning in information, while starving for wisdom. The world henceforth will be run by synthesizers, people able to put together the right information at the right time, think critically about it, and make important choices wisely.

E.O. Wilson

## **Business Intelligence (BI)**

The general ability to organize, access and analyze information in order to learn and understand the business. BI is an umbrella term that includes the applications, infrastructure and tools, and best practices that enable access to and analysis of information to improve and optimize decisions and performance.

# Levels of Business Intelligence



Checking the results of a decision against its expectations shows executives what their strengths are, where they need to improve, and where they lack knowledge or information.

Peter Drucker

## Planning

- S.L. 2007-323, Sec. 6.8, BEACON Data Integration
  - Required the Office of the State Controller and the State Chief Information Officer to develop a Strategic Implementation Plan to for the integration of databases and sharing of information among State agencies and programs
  - Established BEACON Project Steering Committee for governance
  - Appropriated \$5,000,000 from the Information Technology Fund for SFY 2007-2008

## Initiation of Data Integration

- S.L. 2008-107, Sec. 6.16, BEACON Data Integration
  - Required implementation of BEACON Strategic Plan for Data Integration
  - Provided an addition \$5,000,000 from the Information Technology Fund for data integration
    - Support three positions
    - Establish a Business Intelligence Competency Center
    - Engage a vendor
    - Conduct integration activities approved by the Steering Committee

## Focus on Criminal Justice

- S.L. 2008-107, Sec. 6.15, Criminal Justice Data Integration Pilot Program
  - Required the Office of the State Controller and the State Chief Information Officer to develop and implement a Criminal Justice Data Integration Pilot Program in Wake County
  - Established Advisory Committee
  - Required full cooperation of participating agencies
  - Provided \$5 million in funding

## Criminal Justice Continuation

- S.L. 2009-451, Sec. 6.9, BEACON Data Integration
  - Continued implementation
  - Gave priority to Criminal Justice Data Integration Pilot Program
- S.L. 2009-451, Sec. 6.10, Criminal Justice Data Integration Pilot Program
  - Continued development
  - Required plan for statewide expansion
  - Gave program priority for data integration funding

## Criminal Justice Data Integration

- S.L. 2010-31, Sec. 6.10, Criminal Justice Law Enforcement Automated Data Services (CJLEADS)
  - Continued implementation of program
  - Provided for transfer to Department of Justice (changed in subsequent legislation)
  - Expanded Leadership Council

## Broader Focus

- S.L. 2011-145, Sec. 6A.20, Comprehensive Enterprise-Level Data Integration Capability
  - Required OSC to continue development of comprehensive enterprise-level data integration capability, providing broad access to and analysis of information across State government
  - Created a Data Integration Steering Committee
  - Required development of an enterprise process to detect fraud, waste, and improper payments
  - Allowed for \$8 million, two-year contract
  - Provided \$500,000 to OSC for each year
  - Required State to share in intellectual property and residuals resulting from vendor sales to third parties

## **CJLEADS Expansion**

- S.L. 2011-145, Sec. 6A.4, Criminal Justice Law Enforcement Automated Data Services (CJLEADS)
  - Continued implementation, expanding the program throughout the State
  - Required review of plan to transfer to Department of Justice

## **Business Intelligence**

- S.L. 2012-142, Sec. 6A.7, Enhance Business Intelligence to Increase Efficiency in State Government
  
- Established Statewide business intelligence initiative
  - Office of the State Controller
  - Effective and efficient development of State business intelligence capability in a coordinated manner
  - Not intended to replace transactional systems

## Business Intelligence (Cont.)

- Government Business Intelligence Competency Center established
  - Assumes work, purpose, and resources of current data integration effort
  - Advises and assists the State Controller in the management of the initiative
- \$5 million funding

## Phases

- Phase I
  - Inventory and plan
  - Analyze current projects
- Phase II
  - Identify redundancies
  - Determine where gaps exist
- Phase III
  - Consolidate projects
  - Eliminate redundancies



## **GBICC**

- Continue/coordinate ongoing data integration efforts
- Identify technologies in NC to support the initiative
- Identify other technologies that could support the State's BI effort
- Compare State agency capabilities and costs
- Ensure implementation is properly supported

## **GBICC (Cont.)**

- Ensure data privacy and security
- Seek required waivers and written agreements
- Coordinate data requirements and usage
- Recommend hosting solution

## State Agencies

- Grant access to information
- Provide information on IT, operational and security requirements
- Provide information on relevant IT activities
- Forecast future needs
- Coordinate IT efforts with GBICC
- Participate in initiative
- Identify resources for BI deployment within agency
- Seek waivers and written agreements to effectuate data sharing

As a general rule, the most successful man in life is the man who has the best information.

Benjamin Disraeli

# Questions

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