



*Have you COLLECTED data in case management systems and other judicial data sources ?  
Want to KNOW more about your caseload or defendants and stay INFORMED ?  
Need to INTEGRATE with other organizations or agencies ?*

*Begin by building a Judicial Data Foundation and organize your data  
for OPTIMAL data access.*

## In search of...a single version of the truth

It's all about the Data...from Incident to Case Filing or from First Court Appearance to Case Disposition there are many critical touch points where Data is collected and many Justice Agencies are involved in the process. Whether you have an integrated justice system or simply a paper-based filing process, the theme remains the same as it has for years now..... In order to accomplish continual improvements in the Courts there is a need for a higher degree of data availability, data quality, and much improved data accessibility.

Court Intelligence provides a strategic framework, technical architecture, and a standard approach to Court Performance Management and Analysis.

It transforms raw data collected in Justice Systems into actionable information that supports Analytical Processing and Decision Support.

Integrated Justice Strategies, Unified Case Management Programs, Public Information Access, Legislation, Laws, and Regulations all have a direct impact on the need for improved Data Access internally.

New trends in measuring the effectiveness and efficiency of Justice play a major role in influencing the direction of Business Intelligence in the Courts. CourTools™ Trial Court Performance Measures from the NCSC is a prime example.

Years of paper-based reports are being replaced with more interactive, online reporting capabilities.

## It begins with a data management foundation

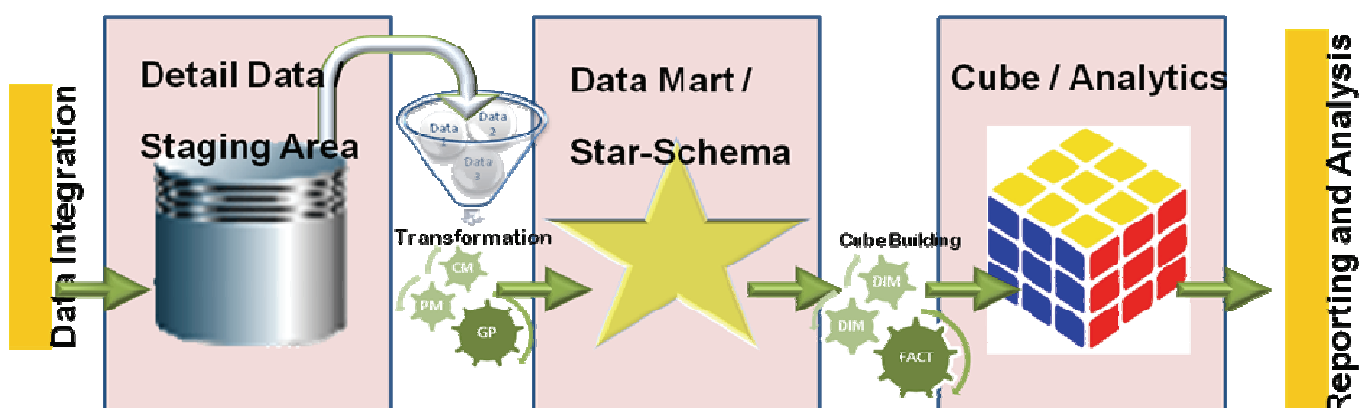
Court Business Intelligence is supported by a data warehousing environment developed specifically for activity reporting, trending, and monitoring. Data Warehousing optimizes the use of data for OLAP and does not focus on OLTP.

What is the difference between OLTP (transaction processing) vs. OLAP (analytical processing) ?

- ⊕ Operational Systems (OLTP) such as case management are optimized for Data Collection.
- ⊕ Business Intelligence Systems (OLAP) are optimized for Data Consumption and Performance Reporting.

Specialized data structures are developed that focus on key business measures or key performance indicators (KPI's). These data structures are developed using a different set of architectural constructs and design guidelines than transaction processing systems. Data is extracted from Justice Systems, transformed, and loaded into Court Data Warehouse systems optimized for Analytics/Reports. Historical context, reference, and integrity are maintained.

## Build Specialized Data Structures...



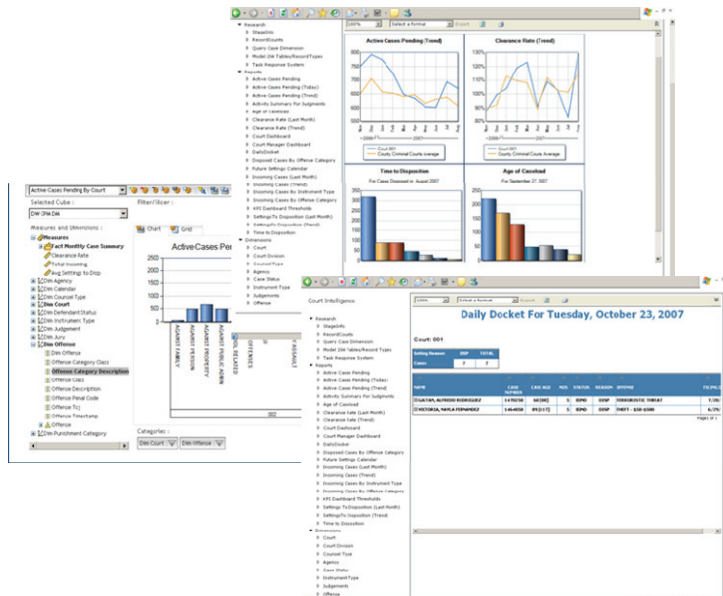
## ...And Enable the Creation of Analytic Applications

### Key Performance Indicators (Court Dashboards)

#### Court Performance Management

Insights into the entire caseload across Court Divisions using CourTools™ Trial Court Measures

- ⊕ Active Cases Pending
  - ⊕ Time to Disposition
  - ⊕ Age of Caseload
  - ⊕ Clearance Rate
  - ⊕ Settings
- 
- ⊕ Analytic Features
  - ⊕ Trends, Charts, Gauges, Alerts
  - ⊕ Drill-Downs, Slicing & Dicing



#### Court Activity Monitoring

- ⊕ Activity Summaries
  - ⊕ Daily Dockets
  - ⊕ Disposed Cases by Offense
  - ⊕ Judgments
  - ⊕ Smart Dockets
  - ⊕ Jail Population Dashboard
  - ⊕ Financial Reporting
    - ⊕ Collections Improvement
    - ⊕ Analytical insights and monitoring of fees
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- ⊕ Court Statistics (CourTools™)
  - ⊕ Court Managers Dashboard
  - ⊕ Trial Docket Calendar
  - ⊕ Caseload Explorer
  - ⊕ Regulatory Reporting Requirements
  - ⊕ Office of Court Administration
  - ⊕ Integrated Defendant Reporting

## Business Intelligence applied in the Courts

Business Intelligence solutions can help improve the Courts ability to monitor, measure, and manage caseloads. The theme remains the same as it has for several years now....in order to accomplish continual improvements in the Courts, then there is a need for a higher degree of data availability, data quality, and much improved data accessibility. The efficient administration of Justice requires access to timely and relevant information related to Caseload, Defendants, Dispositions, Jail, and Collections.

Zone4 introduced Court Intelligence solutions as a means for the Courts to build a process that transforms raw data collected in Justice Systems into actionable information that supports Analytical Processing and Decision Support and provides real-time, integrated business management intelligence by combining information from various databases into an integrated Data Management Foundation.

The data management foundation is based on sound and proven data warehousing techniques and enables the development of business intelligence applications, performance dashboards, portals, analytics, data mining models, or operational reports that monitor court activity.

For more information Contact....

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