



CourTools™ Accelerator

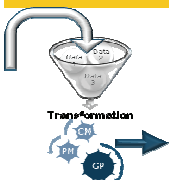
Technology for Court Performance Measures and Activity Monitoring

Accelerate the Integration of your Data

It's all about the Data. The collection, management, and measurement of Court Metrics and Statistics requires the integration, cleansing, and rightsizing of all relevant case data. The original CourTools™ publication was developed by the National Center for State Courts (NCSC) to outline guidelines and calculation methods for a set of ten Trial Court Performance Measures. These standard definitions along with the implementation process, templates, and standard IEPD's available from the NCSC offer the Courts an excellent starting point in gathering Court Statistics. However, CourTools intentionally does not offer a standard software platform or technology to assist in getting the Courts started because software alone does not solve the problem. Zone4 has worked with the Courts and Justice Community over the past several years building technology solutions for Court Business Intelligence and is working collaboratively with the NCSC to promote best practices and technology that can support a CourTools™ deployment.

The CourTools™ Accelerator is a composition of integrated procedures and technologies for Court Data Management and Business Intelligence. It is a solution-set structured to assist Local and State Court Administrators in the collection and management of Court Statistics and integrate them into a Court Business Intelligence platform. Accelerating CourTools can be accomplished with the help of the Court Intelligence framework offered by Zone4 and standards defined by the NCSC. Thus, enabling the deployment of a custom reporting solution developed at your agency. There has already been a lot of work completed by Local and State Justice to adopt CourTools™ standards. Moving forward, it is important to focus not only on today's business measures right out of the case management system but also on capturing historical trends that are valuable in long-term strategic planning for the Courts. Operational systems (OLTP) are not architected to optimize reporting and analytics. That is why Zone4 has focused on building solutions that focus on Court Business Intelligence for Justice and Analytical Reporting platforms around CourTools™.

Collect Data Sources; Integrate Data for Analysis....



Analyze your data sources, define the business rules and formulas, and implement Extraction, Transformation, and Loading (ETL)... Integrate data from multiple systems and create a consistent, more concise view of the data

CourTools™ Accelerator includes a foundation set of specialized data structures:

- ✦ Supports Standard Dimensions; Cases, Case Types, Courts, Court Divisions, Offenses, Judgments
- ✦ Court Performance Measures/Facts based on CourTools™
- ✦ Detail data available at the Case Level
- ✦ Data Mart with summary data at Court level
- ✦ Cubes available for OLAP reporting

Detail Data / Staging Area



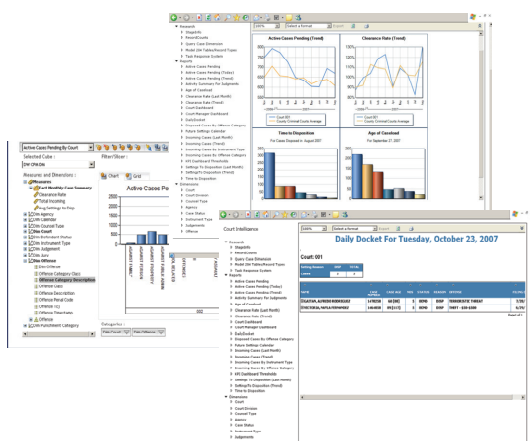
Data Mart / Star-Schema



Cube / Analytics



....and Deploy Court Performance Management Reporting Solutions



Gain 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, and more.

CourTools™ Accelerator provides a standard framework to build upon for reporting and analysis applications:

Reports - Data Access, Reporting, and Analysis. Periodic, Ad-hoc, or real-time.

Data Visualization – Dashboards, Key Performance Indicators, Web-Based Intranet or Internet Navigation and Access

Analytical and Ad-hoc Applications – User directed analysis, slice and dice facts by specific attributes, data mining. Easily get 'answers' from large amounts of data on-demand.