NORTH CAROLINA ADMINISTRATIVE OFFICE *of the* COURTS

Criminal Court Information System Clerks Component (CCIS-CC)

IMPORTANT STATISTICS

1,360,232 cases entered and 3,587,080 actions entered in 2011

1,779,079 cases entered and 2,786,622 actions entered in 2012 as of November 30

11,132 record corrections automatically submitted to DMV in 2011

22,630 record corrections automatically submitted to DMV in 2012 as of November 30

Previously, each correction was handled by manually contacting DMV staff

PARTNERS

CCIS-CC Advisory Group

N.C. Division of Motor Vehicles

USERS

Hundreds of clerks, as the official recordkeepers, are the primary data entry users of CCIS-CC.

WHAT USERS ARE SAYING

Forsyth Assistant Clerk

I can FTA infractions and criminal traffic cases without moving around multiple screens.

Rowan County Assistant Clerk

The "monies paid" is the best screen ever done!!!!!

Assistant and Deputy Clerks Conference

LOVE IT (all of CCIS-CC), Love being able to view information on the screen (payment status), not having to print the report and file in a binder for rejected and accepted waivers, love the fact that they can process CR and IF cases on the same screen. Love the system all together. Great job!!!

Burke County Deputy Clerk

I love CCIS-CC. It has helped me tremendously in my job. Today (10/13/2011), traffic court had about 550 cases. Before CC, it would take me and my coworkers three days to do the work. Now, with CC, we are able to do the work in one half of a day. I am very appreciative of everything that has been done to help us!
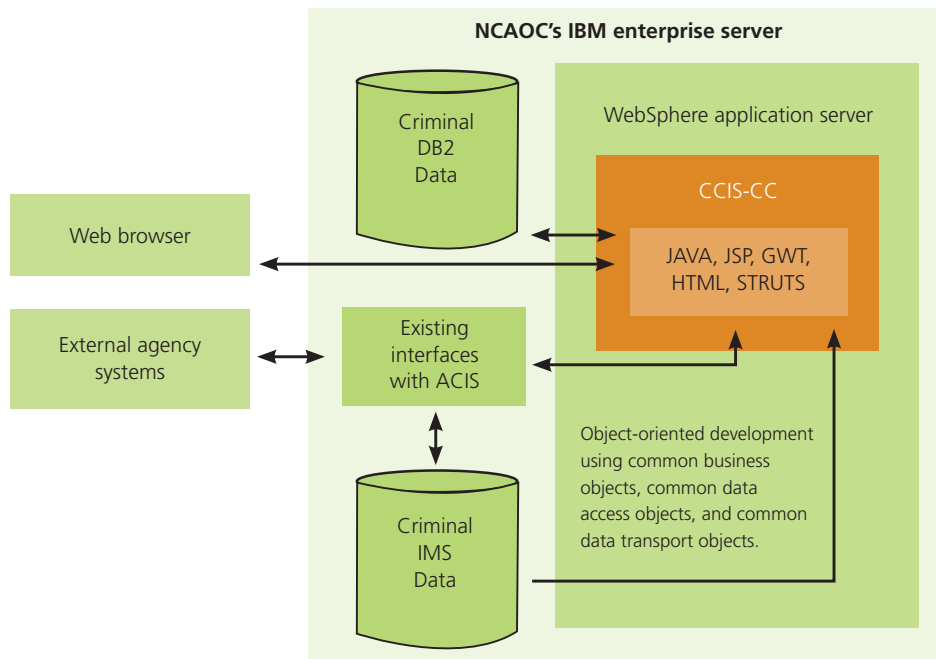
CCIS-CC is a criminal case management system. This rich web-based application extends, and will ultimately replace, the Automated Criminal / Infractions System (ACIS) which is based on 1980s technology.

CCIS-CC is built in collaboration with an advisory group and the North Carolina Conference of Clerks of Superior Court. The advisory group identifies and prioritizes elements for each new release to ensure that system developers are correctly focused to deliver the greatest workload relief to clerks in every office across the state. With the group's assistance, each new component is designed to streamline workflow and improve efficiency using labor-saving techniques and much improved ease-of-use features.

In building CCIS-CC, system developers are using an incremental approach that results in positive improvements to the existing process and at the same time moves the older (working) system to our modern web-based technology. This incremental approach, in which smaller sub-projects are identified, developed, and completed, provides for faster delivery of improvements to the clerks, with a new component scheduled for delivery approximately every six months.

As replacement components with enhanced capability are built in CCIS-CC, those components are disabled in ACIS, thereby minimizing clerks' overall use of ACIS.

IMPLEMENTATION TIMELINE

June 2006
Multiple entry microfilm

March 2007
Multiple entry district court continuances

March 2008
Court results and continuances enhancements

November 2008
Aging reports and court officials maintenance

April 2009
Multiple entry court results and continuances

July 2009
Speeding reductions, monies paid and financial interface

February 2010
DMV automation, calendar search and single case disposition

April 2011
Pre trial, post dispositions and Events Tracking

June 2012
Bill of cost monetary information

Streamlining tasks, improving efficiency and increasing functionality for N.C. clerks of court

CCIS-CC: The architecture behind the application

NCAOC's IBM enterprise server

Criminal DB2 Data

WebSphere application server

CCIS-CC

JAVA, JSP, GWT, HTML, STRUTS

Web browser

External agency systems

Existing interfaces with ACIS

Object-oriented development using common business objects, common data access objects, and common data transport objects.

Criminal IMS Data

CCIS-CC design specifications: Based on n-tiered J2EE architecture. Uses STRUTS, HTML, JSP, Google Web Toolkit. Hosted on WebSphere application server; Z-OS platform. IBM DB2 and IMS used to store and retrieve criminal information. Interfaces with other NCAOC systems and external agencies using existing ACIS interfaces.

BENEFITS

Saves time
- Many convenience features minimize and streamline data entry by clerks including pre-filling fields with user entered defaults, calendar lookup, drop-down lists and more
- Pre-loads cases from calendars
- Reduces clerks' manual processes
- Consolidates multiple functions on a single screen to allow for speedy data entry
- Allows simultaneous processing of infraction and criminal cases for both superior and district courts on a single screen
- Processes large volumes of data in an efficient manner
- Reports can be viewed online or printed on demand
- Presentation of information is efficiently structured

Improves data quality
- Defaults, lookups and drop-down features reduce data entry errors
- Pre-loading of data reduces data entry errors
- Provides easy to use data verification features

Improves access to information
- Improves search capabilities
- Expands reporting capabilities
- Expands automation of historical information

FEATURE HIGHLIGHTS

- Multiple Entry Microfilm Screens including new ability to use CDs to archive case files
- Multiple entry continuances for district and superior court
- Court results
- Aging reports
- Multiple entry speeding reductions
- New interface to the clerks' financial system for nightly payment information.
- Multiple entry monies paid displays detail payment information on the screen for the clerks to verify. This screen eliminates the clerks' manual tracking process of payment information
- Online payment status reports to resolve problems related to payment data and provide information to respond to public queries regarding payments
- Disposition for cases not requiring sentencing
- N.C. Division of Motor Vehicles (DMV) automation expanded to eliminate tasks that clerks have been handling by telephone or fax
- Electronic DMV notifications generated
- Pretrial and post-disposition activities captured
- Case events tracked