



# **Investments in Information Technology Improvements & Modernization Projects Oversight Board – Administrative Office of the Courts – August 14, 2024**

**Charles Byers, Kentucky Court of Justice Chief Information Officer**

# Public Facing Applications

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# CourtNet 3.0

## Online access to court records

Modern, browser-based application

Role-based security limits access

Information is limited to KCOJ CMS data

Subscription plans for KBA, Law Enforcement, Government and Media

Guest Access is free, active cases only

Paper file remains the official court record

The screenshot displays the CourtNet 3.0 web application interface. The browser address bar shows the URL `kcoj.kycourts.net/CourtNet3/Search/Index`. The page header includes the Kentucky Court of Justice logo and the text "CourtNet 3 Search Court Records". The navigation bar contains links for "Search", "Recent Searches", "Case Cart (4)", "Help", "Apps", and "Logout (Charles\_byers)".

The main content area is titled "Search by Case" and features a "Search By Party/Business" dropdown menu. Below this, there are several search criteria fields:

- Party Category:** ALL
- Case Category:** ALL
- Jurisdiction:** Select Jurisdiction
- Search Method:** Last Name (selected), Business, Starts With
- First Name:** Starts With
- Birth Date:** +/- 2yrs
- Drivers License #:**
- Social Security #:**

On the right side of the page, there is an "Account Plan Usage" section with the following statistics:

- Total Views: 0
- Total Billable Views: 0 / 0 (0%)
- Total Image views: 0
- Total Billable Image views: 0

Below the search criteria, there is a "Perform a Search" section with a "When searching by Case" tab and a "When searching by Party/Business" tab. The "When searching by Party/Business" tab is active and contains the following instructions:

- Search By Party - Must provide at least one of the following combinations:
  - Last Name\* (3 characters min) AND Birth Date or
  - Last Name\* (3 characters min) AND First Name (3 characters min) or
  - DLN or
  - SSN (Not available to all users)
- Search by Business.
  - Must provide Jurisdiction AND Business Name
- Must provide jurisdiction.

A footnote at the bottom states: "\*Name search options may be used together or separate. Name search options are Exact Match, Starts With, and Sounds Like."

The footer of the page reads: "© Kentucky Court of Justice | Version: 3.0 | Terms of Use | Plugins"

# Interactive Statistical Dashboards

Available from our website, [kycourts.gov](https://kycourts.gov)

Replaces manual creation of reports on request

Allows users to run variety of scenarios

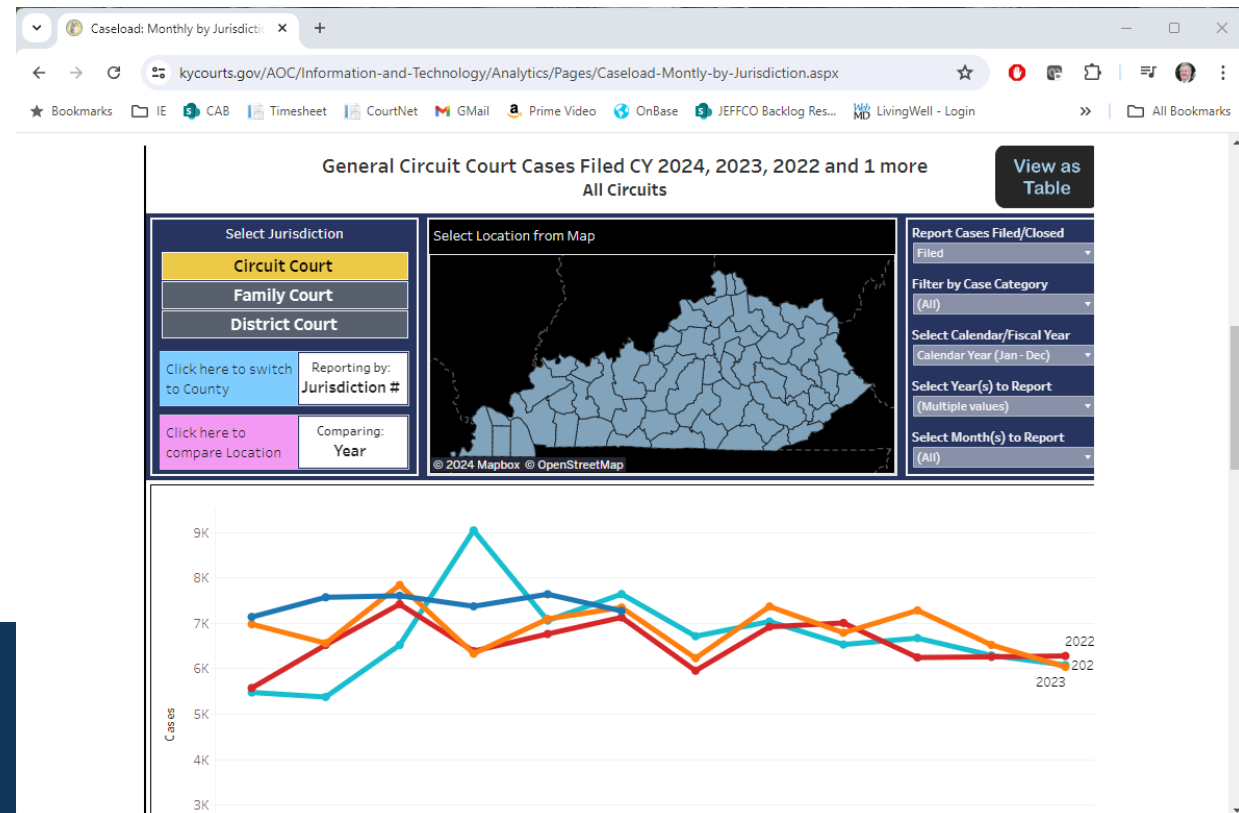
Tableau data visualization platform

No cost

Queries KCOJ data only

No external interfaces

Very well received



# Legacy Systems

# Largest Legacy Technology Upgrade Project

## Replacement of Legacy Trial Court Case Management System

KY Courts II (KY2) – Decentralized, Local (County) Database

Developed in the late 90's using Visual Basic 6

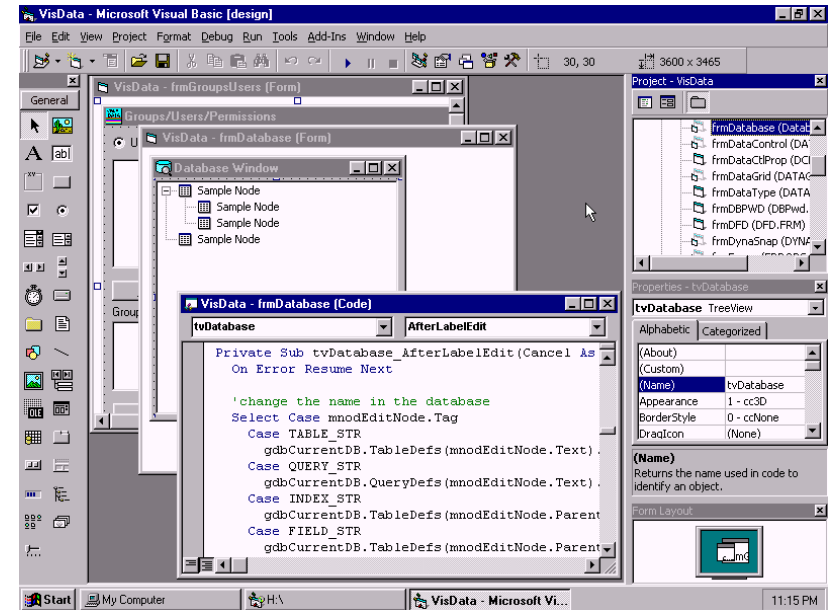
Client – Server technology

A Windows re-envisionment of a prior DOS application

Microsoft replaced Visual Basic 6 in 2003

Microsoft ended support for Visual Basic 6 April 8, 2008

KY2 still running in 69 counties



# Largest Legacy Technology Upgrade Project

## Replacement of Legacy Trial Court Case Management System

KY Courts III (KY3) – Centralized, Web Application

Developed in-house using Microsoft Visual Studio (C#, etc.)

Microsoft web server (IIS) & database (SQL) technologies

A Web re-envisionment of KY2

Pilot 2017 – 2021 in a total of 26 counties

Post-pandemic, rollout halted Summer 2022

KY3 is running in 51 counties. Some code is nearly 10 years old

The screenshot displays the 'Charges Add/Edit' web application interface. It features several sections for data entry:

- Citation Information:** Includes fields for Citation Year (2019), Citation Number, Citation Type (with a dropdown menu), and a 'Clear' button.
- Violation Information:** Includes fields for Violation Date, Violation Time, Arrest Date, and Arrest Time, each with a calendar icon.
- Mph:** Includes fields for Mph and Mph Zone, and a Violation Key dropdown menu.
- Vehicle Information:** Includes fields for Vehicle Make, Vehicle Model, Vehicle Year, Vehicle Color, Vehicle Reg State (with a dropdown), Vehicle Reg Year, and Vehicle Reg Number.
- Table:** A table with columns: Line #, UOR Code, Statute/KRS, Charge Description, BAC Level, Charge Counts, and BA Type. It contains four rows, each with a 'UOR' dropdown menu in the UOR Code column and a 'Select BA Type' dropdown menu in the BA Type column.

At the bottom left, there is a button labeled 'Add 5 more rows', and at the bottom right, there is a button labeled '+ Another'.

# **Largest Legacy Technology Upgrade Project**

## **Replacement of Legacy Trial Court Case Management System**

**2013 HB 238 authorized \$28.1 million**

**CourtNet 2.0, Electronic Filing from Pilot to statewide, Infrastructure enhancements, C-Track for Appellate Courts, OnBase Enterprise Content Management**

**Launched KY3**

**First mandatory electronic filing (foreclosure and credit card debt collection); mandatory expansion**

**CourtNet 3.0**

**Appellate eFiling**



# KY Courts Moving Forward

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# Greater Sustainability

## Project underway to replace Trial Court Case Management Systems

HB 244 included \$38 million in ARPA funding to complete the project

Initiated deliberate, collaborative process to evaluate existing contracts, interviews with vendors, and site visits to other state courts

RFP was issued in January 2024

Proposals received and reviewed April and May

Currently in Contract Negotiations

Expected to be primary focus for 5-6 years

# CaseWorX by VersaTerm Public Safety

## Project underway to replace Pretrial and Specialty Court Systems

Two critical, legacy applications being replaced by one SaaS solution

Project began with award in May 2023

Anticipate Specialty Court go live in December 2024

Anticipate Pretrial go live in early 2025

Opportunity to Improve Data Quality and Share more Efficiently

Funded with one-time monies and grants

# Software as a Service (SaaS)

## Advantages of SaaS



Reduced time  
to Benefit



Potentially  
Lower Cost



Scalability and  
Integration



Technical  
Currency



Easy Proof of  
Concepts



Elasticity



All = Greater  
Sustainability

## Required Shift in Thinking

- Shared Control
- Shared Security Concerns
- Connectivity is Key
  
- Requires Ongoing Investments



Questions?  
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