

Justice Integration and More

Sierra-Cedar's Integration & Cloud Solutions (ICS) team includes industry-leading architects and visionaries who bring many years of experience helping customers leverage technology to meet business goals. Specializing in Enterprise Integration and API strategy and implementation, Sierra-Cedar has empowered many organizations to leverage this technology for not only application integration, but for enabling complex multi-agency Justice exchanges as well as multi-channel, Cloud, mobile, and analytics initiatives. Sierra-Cedar's Justice Integration and Cloud Solutions team provides the following services:

- Enterprise Integration and Application Program Interface (API) Strategy and Roadmap Planning
- Cloud, On-Premise, and Hybrid Integration Solutions (CJIS & NIEM compliant)
- Training and Mentoring
- Mobile and Cloud Solution Enablement
- Support and Hosting Services
- Integration Governance Assessments and Planning
- Integration Health Check Workshops

Industries are finding ways to leverage Cloud and services technology in order to become more efficient, provide better products and services to clients, and reach larger customer bases. Sierra-Cedar helps clients plan and implement standards-based integration and API solutions that help get the right data and functionality, to the right places, at the right time, and in a secure manner.

All strategy consulting engagements take a vendor-agnostic approach to Integration and APIs. The focus is on the organization's domain, team and current skills, business goals and initiatives, current infrastructure and application footprint, and current and future projects. Sierra-Cedar then helps provide the organization with information on how Integration and API technology can be best leveraged in the form of an integration strategy and roadmap. Finally, Sierra-Cedar is exceptionally strong at helping an organization execute that strategy and implement the solution.

Sierra-Cedar is a proponent of standards-based justice exchanges based on the NIEM standard, having participated in the formative workshops sponsored by the U.S. Department of Justice (DOJ) Global XML Structure Task Force (XSTF) to create version 2 of the standard. Sierra-Cedar has been implementing standards-based Integrated Justice initiatives since the advent of the national standards in the early 2000s and has worked with both of the predecessors of NIEM, the Justice XML Data Dictionary (JXDD), and the Global Justice XML Data Model (GJXDM). Sierra-Cedar was a key contributor to the creation of version 2 of the JXDD, developing foundation data structures for law enforcement incident constructs. Sierra-Cedar was also an early adopter of innovative demonstrations and implementations of the standards as they have evolved into what is now NIEM.

Sierra-Cedar has found that the requests to use the NIEM standard and approach within our clients' projects are continually increasing and as a result the complexity and costs associated with these types of standards based exchanges are continually decreasing.

Justice Integration Experience Counts. Inter-agency governance, data ownership, and privacy frequently emerge as concerns when establishing an approach to Integrated Justice projects. While NIEM mitigates many of the data interface risks and allows for an accelerated start in developing messages, divergent interpretations of the standard by constitutionally distinct agencies is always a risk. Our experience shows these risks can be mitigated with diligent management and recognition of lessons learned.

Inter-Agency Examples where Sierra-Cedar has Utilized the NIEM Standard

- **State of Connecticut.** We architected, designed, constructed, and implemented a solution to integrate all aspects of Criminal Justice Information Systems throughout the State. We also provided both business and technology direction to the Offender-Based Tracking System (OBTS) project. OBTS, one of the first state-wide CJIS systems in the country, collects offender data from several state-wide criminal justice systems and provides a web-based user interface (i.e. portal) to securely access and search the information, then provides an integrated summary view of critical case and offender information, as well as access to full history and details from all agencies. Integration community included Municipal and State Police, Prosecution, Courts, Corrections, Probation, Bail, Parole, and other agencies.
- **San Mateo County, CA.** We implemented 33 NIEM-based interfaces using web-Methods 9.0 as four departments (Sheriff's Office, District Attorney, Probation, and Superior Court-Odyssey) implemented their own case management systems while retaining access to their legacy Mainframe solution.
- **The Integrated Law and Justice Agency of Orange County (CA).** We implemented a web-Methods integration project between the Orange County Superior Court and 22 local police agencies using NIEM standard messaging. This project submits the Probable Cause Declaration to the Court, as well as establishes the integration platform for the Orange County Electronic Documents initiative.
- **State of Oregon Judicial Department.** The state has implemented a new statewide Odyssey eCourt case management system. Sierra-Cedar's effort included the development of 37 interfaces deployed statewide. Where appropriate, the interfaces are NIEM-compliant and developed on a Microsoft (MS) BizTalk platform.
- **Clark County, NV.** We designed and created the implementation of CC-IJIS, which connects court (Odyssey), law enforcement, corrections, state, prosecution, and other entities with GJXDM-based interfaces.
- **Los Angeles Superior Court (LASC).** We created a NIEM-based system interface module used to exchange data between the Court's case management system and numerous other criminal Justice entities. LASC is the nation's largest trial court.
- **King County, WA, Superior Court.** We created a web-based document management application that includes interfaces with the statewide docketing system and electronic filing using the Court Filing standard.
- **Shelby County, TN.** We implemented an Integrated Criminal Justice Information System (ICJIS) to address strategic criminal justice objectives for the County. The integrated system includes a new Odyssey Court Case Management System to support the Criminal Courts, a Jail Management System, and a Case Management System for the Public Defender's Office.

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Sierra-Cedar delivers industry-focused client success by providing consulting, technology, and managed services for the deployment, management, and optimization of next-generation applications and technology.