



### Solution: Azure & Windows Service Bus Information Sharing

Sierra-Cedar developed a custom, Enterprise Scale, Integration Broker solution for the Los Angeles Superior Court (LASC). This innovative solution takes full advantage of the power and scalability of the Microsoft Service Bus, while allowing for a hybridized Azure cloud and on-premises approach to fully satisfy their current and future Case Management Systems (CMS) integration needs. These powerful-yet-low-cost and highly scalable solutions are available to other Justice Agencies using the techniques, patterns, and configurable solutions devised by Sierra-Cedar Architects. For enhanced messaging visibility, these solutions include a productized Integration Tracking Portal used for monitoring and administering an Enterprise inventory of integrations.

### Solution Attributes & Capabilities

<b>Technologies Used</b>	<ul style="list-style-type: none"> <li>• Windows Service Bus for on premise solutions</li> <li>• Azure Service Bus for Cloud and hybrid needs</li> <li>• REST and/or SOAP Web Services, SQL Server or Azure SQL, and HTML5 for our Tracking Portal</li> </ul>
<b>Integration Patterns Implemented</b>	<ul style="list-style-type: none"> <li>• Guaranteed delivery</li> <li>• Triage Queues, Resend Queues, Dynamic Sequence Queues</li> <li>• Pub/Sub, Topics and Subscriptions</li> <li>• Transformation and Schema Validation</li> <li>• Integration Message Status Tracking and Notification (Tracking Portal)</li> </ul>
<b>Customization</b>	<ul style="list-style-type: none"> <li>• Pattern reuse</li> <li>• Configurable Tracking Portal</li> <li>• New pattern building blocks</li> </ul>
<b>Scalability and Redundancy</b>	<ul style="list-style-type: none"> <li>• On premise Service Bus Farms</li> <li>• Scalability and redundancy built into Azure</li> </ul>



### Our Services

#### Management Consulting

- National Association for Justice Information Systems (NAJIS)
- IM/IT Strategy and Roadmaps
- Organizational Readiness
- Organizational Effectiveness

#### Project and Staff Augmentation

- Project Management
- Requirements Gathering
- Custom Development
- Business Analytics
- Data Exchange
- SharePoint Collaboration
- Document Management
- Customer Relationship Management
- Enterprise Resource Planning

#### Managed Services

- Application Management Services
- SMART Methodology
- Metrics/Monitoring
- Governance
- Transition Management
- Maturity Health Assessments

## Solution Implementations

<b>Los Angeles Superior Court (LASC)</b>	<ul style="list-style-type: none"><li>• Odyssey CMS integration</li><li>• FileNet Document Replication of Odyssey documents and metadata</li><li>• Real-time pub/sub messaging</li><li>• Real-time messaging to LA County IASB Agency for various County Agency consumption needs</li><li>• LA County eCAPS integration</li></ul>
<b>Los Angeles Sheriff Department (LASD)</b>	<ul style="list-style-type: none"><li>• ACES CMS integration</li><li>• LA County eCAPS Integration</li></ul>

Sierra-Cedar has been delivering powerful integration broker solutions for Justice and Public Safety clients in the United States and Canada for more than 25 years. Our current Microsoft Service Bus solutions are based on experience implementing world-class BizTalk solutions and expose the core capabilities of those solutions to cover the majority of justice integration needs at a fraction of the expected cost while tapping the power of Azure.

## Justice Industry Associations

- National Association for Justice Information Systems (NAJIS)
- Law Enforcement Information Management (LEIM)
- Canadian Association of Chiefs of Police
- International Association of Chiefs of Police
- Society for the Policing of Cyberspace
- National Center for State Courts: Court Technology Conference
- Canadian Centre for Court Technology
- Corrections Technology Association
- Integrated Justice Information Systems

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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.