ConnectCIC™
The CJIS Integration Solution

CommSys®

A proven solution for public safety solution providers to empower agencies with the right tools for integrated access to state, regional and national CJIS information.

Automatically leverage accessibility in 47 states when writing to the ConnectCICTM API, an XML schema specification. Only minor changes are required to offer a ConnectCIC based CJIS connection in the various states.

ConnectCIC™
THE RIGHT WAY TO ACCESS CJIS INFORMATION RIGHT NOW.

NOW OFFERING:
Demonstration/Training/Simulation
Ask about ConnectCIC DTS

Even in today's highly constrained public safety technology environment, impacted by budget cuts and resource limitations, agencies must stay on top of critical operating efficiencies. Limited access to key information can cause delays, and missed opportunities impact the safety of both the public and officers. This is costly to the community and the agency.

That is why public safety agencies demand a CJIS interface that provides information accurately, quickly and reliably. ConnectCIC, an affordable and customizable middleware product from CommSys, enables solution providers to build this functionality into their applications and meet those rigorous requirements more quickly and at less cost than internal development.

In order to remain efficient and effective as an agency, access to NCIC, Nlets, state CJIS and DMV files, and regional information sharing databases is essential to all Criminal Justice Information Systems (CJIS).

Now, the ability to quickly offer end users valuable functionality with full control over how the information is presented and accessible is totally viable.

For CAD, RMS, JMS and other public safety solution providers, ConnectCIC can reduce fixed development and operational costs, minimize risk, free up engineering resources, and enhance competitive positioning.

ConnectCIC™

- immediate deployment in 47 states

Basic Inquiry includes:

- **wanted persons (State/NCIC)**
- stolen vehicle, boat, gun **and article (State/NCIC)**
- DMV information **(State/Nlets)**
  - **vehicle registration**
  - **driver's license**
  - **driver's history**

Options include:

- **real-time data mining (parsing)**
- support and maintenance
- **entry/modify/locate transaction** packages available

Other capabilities:

- custom interfaces
- agency message switching
- **inter application** communication

The graphical user interface (GUI) and software presentation is where the public safety solution provider holds the key value proposition in delivery of their product to agencies and end users.

Who Utilizes ConnectCIC™?

ConnectCIC is utilized by public safety solution providers to more efficiently deliver and support integrated CJIS access from their application. The CommSys solution provider partners range from large "tier-one" providers to small independent providers. Primarily these companies deliver solutions in Computer Aided Dispatch (CAD), law enforcement Records Management Systems (RMS) and mobile data systems.

There's more to CJIS Integration than technology. ConnectCIC provides more than a 'connection' to crime information, but also comes with the knowledge CommSys has built-on for over two decades in the public safety solution arena.

CommSys also provides the ConnectCIC solution to providers in adjuncts of our core markets that include jail, citation and military/government identification systems.

The Environmental Challenge

The CJIS environment in public safety technology has existed for over fifty years and carries the legacy of its own history going back to the teletype era.

Typical of many large-scale information technology environments, CJIS has moved from hardware rich systems to integrated software solutions. As the technology continues to move forward, public safety solution providers must constantly balance operational requirements of the past and those of the pending future.

The challenge for most providers lies in the diversity of architectures, operating environments and specific legacy issues. This is compounded by the challenge of managing multiple state and federal relationships, along with the direct involvement each state has with regional and national systems. CommSys is continuously accumulating a wealth of this information and in-depth knowledge regarding these needs.

The CommSys Concept

A key concept of business is to become the expert in what you do. In order to achieve this efficiently, and cost effectively, there's a need to focus on "that one thing."

CommSys is successful because we focus on CJIS integration solutions and products.

We have developed specific knowledge and CJIS expertise for the state, regional and national networks.

CommSys is the CJIS integration expert for your application.

This knowledge consists of technology "know how" along with well established relationships among CJIS agencies, networks and environments.

CommSys delivers software within all CJIS systems.

We make expanding into multiple states manageable and affordable for solution partners by making it a consistent interface. Therefore - quick-to-market and reducing costs.

CommSys eases workflow and development.

ConnectCIC allows our partners to leverage the focused knowledge of the CommSys team in dealing with CJIS information in order to provide high-value to their solution provided to end users.

CommSys helps drive value and profitability.

The Solution Provider's Value

Critically focused end users will seek and procure software because it best expresses the interaction required to support their operating environment.

They look at the 'package' and the result of how the software will improve their workflow. The solution provider's workflow offers the real value being provided to the end user, and the backend interface, whether internally developed or purchased from a third party partner, doesn't tend to excite nor motivate a customer.

Many solution providers do not have an in-depth opportunity to work in the CJIS environment to become proficient and effectively deliver a self supplied integration solution.

The solution provider's resources are best spent on enhancing the user interface and product workflow to create operational value to customers. Relying on a partner to deliver that backend interface is a way to be more cost effective and technologically superior.

CommSys knows how to balance operational requirements dictated by the state, regional and national CJIS interfaces.

The ConnectCIC™ solution allows CommSys public safety solution partners to meet their end users needs quickly, securely and accurately through the established coding protocol CommSys has developed.

The ConnectCIC Solution

ConnectCIC is designed as a component architecture for use in agency and solution provider software. This has no visual user interface component. The product is essentially a building block for higher-level GUI products to be customized for the needs of a given situation.

ConnectCIC is a transaction engine written as a Microsoft Windows® service. The high speed, TCP/IP, socket-based listener functions as the 'brains of the system' and holds the knowledge of the routing requirements, back-end transaction workflow, session management and parsing support for each supported CJIS environment.

When a solution provider writes to the ConnectCIC Application Programming Interface (API) XML schema, they automatically leverage their product's support to state systems using a write-once/leverage-all mechanism.

The API provides not only XML element definitions for system transaction sets, but also the ability to exchange meta-data information about the target CJIS system. This allows a partner's system to be dynamically configured rather than having to hard code all information in a system.

Furthermore, the ConnectCIC solution does not require a separate server or virtual machine. Since the first versions were delivered over a decade ago, ConnectCIC had demonstrated that it can coexist with other application software in a wide range of environments – typically on a server (physical or virtual) dealing with interfaces such as CJIS, 911, etc. – as designated by the partner.

Being professional and proactive in development allows CommSys to continually develop and design our solutions to provide flexibility in growth and adjustments with the least amount of impact to the end users.

Solution Architecture
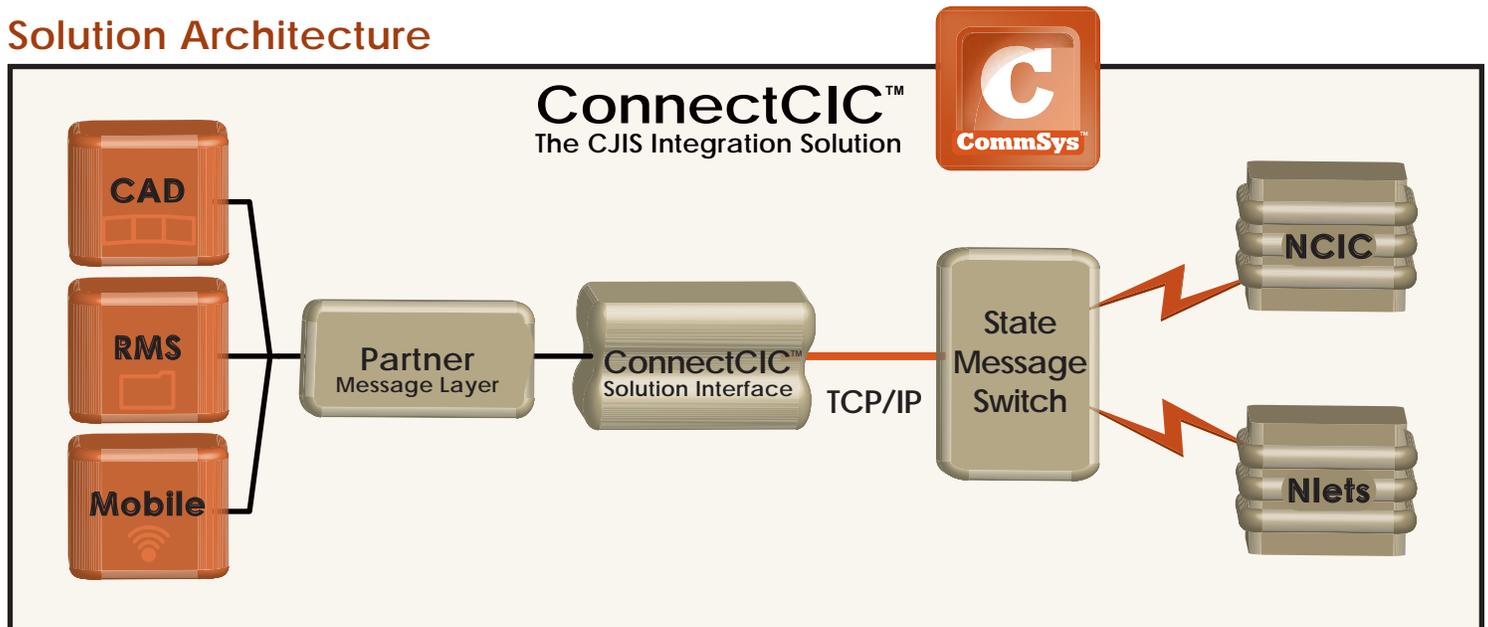
Minimum System Requirement Guidelines:

- **Intel Core 2 – single core at 1GHz or better**
- **512 MB allocated for ConnectCIC** (does not include OS nor database)
- **Virtualized Environments may be supported** in most instances
- **Windows XP, Windows 7** (32 or 64 bits), **Windows Server 2003 and 2003 R2** (32 bit), **and Windows Server 2008 and 2008 R2** (32 or 64 bit)
- **SQL Server 2005 or 2008** (including SQL Server Express versions)
- **Network Interface dedicated to a state connection is preferred** (required in some states)

Please contact CommSys for further clarification, specific application and environment needs: 800.842.8225

CommSys provides technology and knowledge resources for the work on security, communication, data conversions, access challenges and "big picture" strategy for our partners, their customers and end-users.

Key Benefits:

- **Reduce Development Time and Costs**
- **Increase Revenue Opportunities**
- **Grow Product Offering Quickly**
- **Improve Customer Satisfaction**
- **Expand Service Offering to Other States**
- **On-Going Development/Upgrades**

Key Features:

- **Software Development Kit (SDK)**
- **State, Regional or National CJIS Access**
- **Developer Forum & Support**
- **Flexible Integration Options**
- **Real-Time Return Data Mining**
- **Meta-Data Message Support**

Support & Maintenance Options

Annual support and maintenance agreements include system upgrades for changes mandated by CJIS interfaces, as well as, online and call support. We provide a one year support agreement with the initial sale of the ConnectCIC solution, for each installed site.

We also provide developer support under our Developer Support program that is required at the time a partner signs up to utilize ConnectCIC as part of their delivered software solution. New releases will be available to a partner's customers enrolled in a current support agreement at no additional charge.

In the event of a non-current support agreement, the site may procure a new agreement with all required past maintenance amounts, or purchase a new license.

CommSys, Inc. has over 20 years of experience in developing and implementing technology solutions that provide strategic assets to solution providers in the public safety service and technology supply; along with those involved in state, regional and national agencies that require access to Criminal Justice Information Systems (CJIS).

We continuously build and maintain relationships with those operating the CJIS environments in order to stay up-to-date on agency requirements, legislation, expectations and the overall technology knowledge needed to manage integration development. We are always obtaining insight and information on changes before they become policy. We do this to ensure we are aware of new requirements before they are implemented, and work to ensure that CJIS required changes are manageable, seamless processes and smooth transitions for our partners and end users.

The CommSys team makes all the difference, and by partnering with CommSys, solution providers benefit from the unmatched expertise from our software development, technology and engineering professionals. These professionals apply their incredible depth of experience — combined with broad technical knowledge of all information technology (IT) systems — to deliver the right technology to meet our public safety solution providing partners' business challenges.

Our goal is to provide our users with reliable software technology, products, service and information to help their business thrive.

If you have any questions or need additional information on our products or services, please feel free to contact us:

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CommSys®
CJIS Integration Specialists