

Pennsylvania Justice Network



Annual Report

2015-2016

Director's Message

The 2015-2016 fiscal year was one of significant transition and change for JNET. After realizing success with our mobile-friendly responsive design (HTML5) project, migration to the internet and the deployment of applications such as Traffic Stop, JNET was just a step away from fully embracing the mobile workspace. To capitalize on prior investments, and to truly realize the benefits of the mobile work environment, JNET needed to retire and replace digital certificates with a mobile-friendly, device agnostic, CJIS compliant solution.

In August of 2016, JNET introduced the one-time password (OTP) solution to replace digital certificates for criminal history applications. By delivering authentication via an emailed code, JNET criminal-history users can now easily and securely access critical information from the field on any authorized mobile device.

FY 15/16 also saw several internal changes at JNET; including the adoption of new service management practices and the reorganization of our Technical Services unit into a Continuous Service Improvement (CSI) function. Tasked with using metrics to measure and validate our performance, CSI concepts are proving their worth through dramatically increased service level performance and customer satisfaction.

JNET completed the first phase of our High Availability (HA) initiative. Designed to ensure that all services and applications maintain optimum availability, HA has provided the architectural groundwork to allow JNET to pursue increased service reliability and business continuity.

JNET remains committed to providing critical information services to the business partners and criminal justice professionals that depend on us each and every day. The work we've completed this year positions us to support the mobile workforce, increase service performance through metric based analysis (CSI) and to ensure that information is available each and every time it's needed.

Thank you for reviewing the FY 15/16 JNET annual report.

Eric Webb
Executive Director
PA Justice Network

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JNET Overview

Fiscal Year 2015/2016 Highlights

The Pennsylvania Justice Network (JNET) is the Commonwealth's primary public safety and criminal justice information broker. JNET's integrated justice portal provides a common online environment for authorized users to access public safety and criminal justice information. This critical information comes from various contributing municipal, county, state and Federal agencies.

JNET completes numerous projects and work efforts each year; some have user and business partner impact and others are to improve efficiency and performance behind the scenes. The most impactful project completed this past fiscal year was the transition from digital certificates to a one-time passcode for access to protected data. Since the inception of JNET, access to criminal history information had been protected by a user name and password (authentication factor #1) and a digital certificate (authentication factor #2). Digital certificates had grown to be problematic, cumbersome and costly and in 2015 JNET completed a research and recommendation project to transition to a new 2nd factor authentication solution.

As part of that effort, JNET had to be certain the recommended solution met policy guidelines of both the Pennsylvania State Police and the Federal Bureau of Investigation's Criminal Justice Information Services Division, both of whom have oversight responsibilities for criminal history data. Based on the research and recommendation project, JNET selected One-Time Passcode (OTP) as its new 2nd factor authentication to be deployed by the end of FY 15/16.

From a technology perspective, JNET was able to develop OTP using current JNET resources and then integrated the OTP solution into JNET's access manager software. That allowed JNET to complete the project on time and under budget. It is by far JNET's greatest success in the past year.

Also in FY 15/16, JNET began adopting more Information Technology Infrastructure Library (ITIL) practices to align itself with enterprise IT efforts and to formalize some functions and processes previously performed but not thoroughly documented. JNET has made strides in many ITIL service arenas including Service Design, Service Transition and Service Operations as well as a dedicated effort around Continual Service Improvement.

Among the completed technology projects from FY 15/16 were upgrades to our enterprise service bus, servers, identity manager and our messaging middleware. JNET also transitioned its Notification Services from dedicated circuits to the internet and completed a new Offender Inquiry Service that added Pennsylvania Board of Probation and Parole data to what previously offered just county data.

FY 15/16 was the first full year that JNET's Traffic Stop was in production. This mobile-friendly web application which utilizes information from multiple data sources and packages them into a single, user-friendly interface was used by law enforcement over 44,000 times each month during FY 15/16.

Strategic Planning

JNET's current strategic planning effort aligns with the enterprise IT strategic planning approach. JNET has a rolling three-year plan that is reviewed and updated annually. As demonstrated

through the vision, mission, goals and objectives, JNET continues to strive to be the national leader among criminal justice and public safety information providers while also aligning itself with the overall enterprise IT direction of the commonwealth.

Vision

Through the full commitment of its business partners, leadership and staff resources, JNET will provide the Commonwealth of Pennsylvania with:

- A platform for related policy and operational discussions
- A secure integrated justice infrastructure
- A mature service oriented architecture (SOA) platform
- Agile business service solutions
- Innovative and relevant technologies
- Timely and cost-effective access to accurate and complete information.

Mission

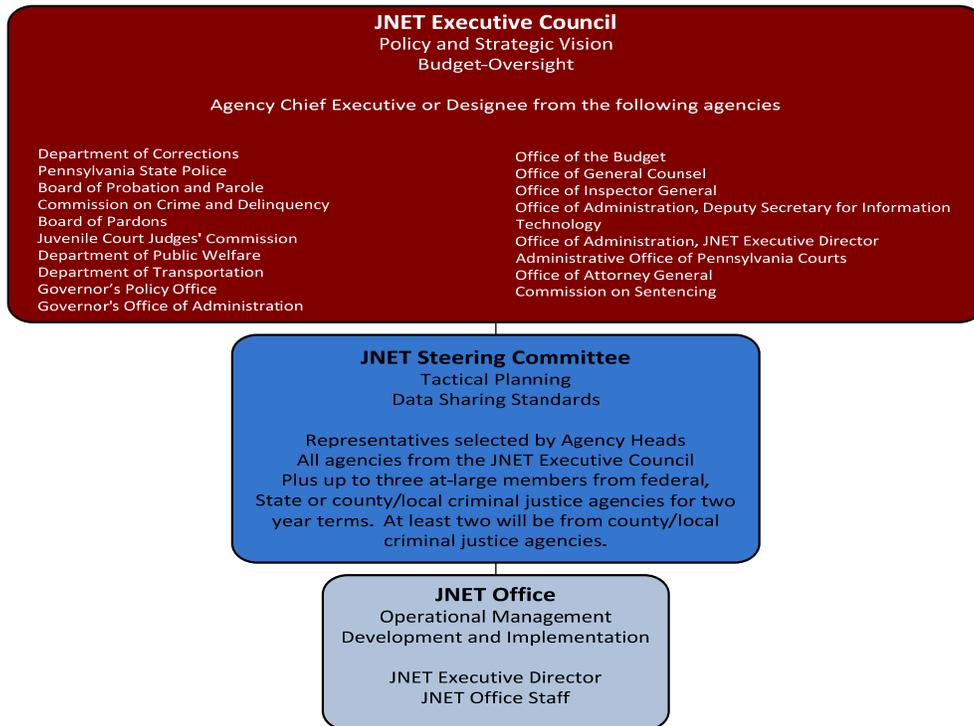
JNET will provide integration leadership throughout the Pennsylvania criminal justice and public safety communities. JNET will continue to be a national leader in timely, accurate and secure information access and exchange.

Governance Structure

The purpose of the JNET governance structure is to establish a strategic direction for the investment in information solutions across the commonwealth's technology enterprise and to direct implementation of a comprehensive integrated justice information system.

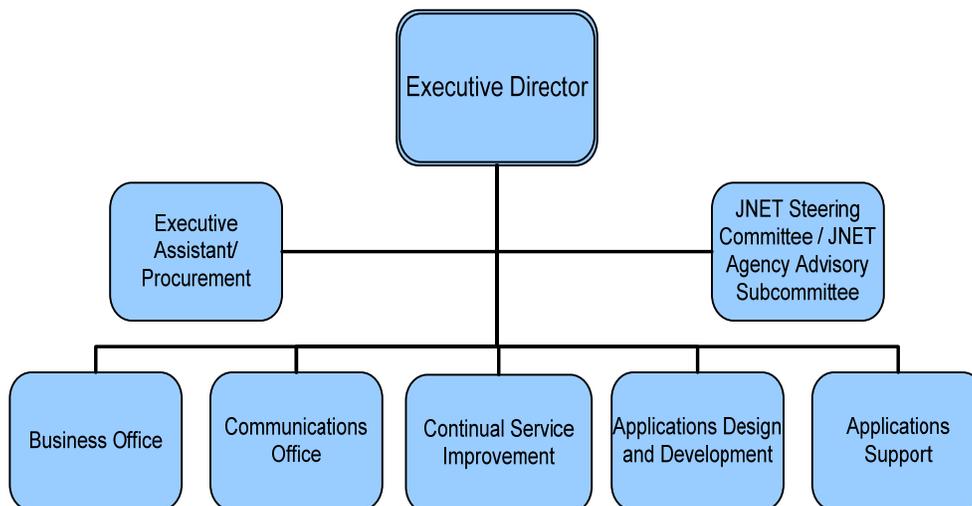
The JNET governance structure consists of an executive council, steering committee and the JNET Office. Each entity is responsible for fulfilling specific activities necessary to support JNET.

Supporting the JNET governance structure is [Executive Order 2014-02](#) and [Management Directive 245.16](#) which can be found on the [Office of Administration's website](#).



Organizational Structure

The JNET office is comprised of commonwealth employees and contracted resources with the overall total increasing and decreasing depending upon current projects, initiatives and organizational goals.



Business Office

The JNET business office is responsible for oversight and support of the JNET project life cycle and works with JNET stakeholders in order to elicit, analyze, communicate and validate requirements for changes to business processes, policies and information systems. The office

understands business problems and opportunities in the context of the requirements and recommends solutions that enable JNET to achieve its goals.

Communications Office

The JNET communications office is primarily responsible for business relationship processes with municipal, county, state and federal agencies within the state to promote JNET. The communications team works with the user community and provides solutions to all issues and inquiries through the JNET service desk and other user touch points. They maintain a repository that provides statistical data used for reporting and process improvement modeling purposes and also oversee JNET's training efforts.

Applications Development

The JNET applications development team is responsible for developing products and services defined by our customers and JNET governance. This team is responsible for software design, construction, testing and implementation. The JNET software development process integrates software development and quality assurance practices into a flexible, yet orderly, approach. The application development team also conducts technical assessments and makes recommendations to the JNET management team concerning existing and potential software, upgrades and platforms.

Applications Support

The JNET applications support team is responsible for maintenance and support of the applications within JNET. The application environment consists of the following core application areas: web query applications, messaging infrastructure, security platforms, service bus technologies and end-user presentation layers. Primary functional areas within applications support are web hosting and maintenance, application enhancements, web services, support and testing.

Continual Service Improvement (CSI)

The CSI Manager is responsible for regular review, monitoring and measuring of services to ensure that service levels are being met and/or exceeded. CSI also explore opportunities to increase service efficiency through refined processes and methods.

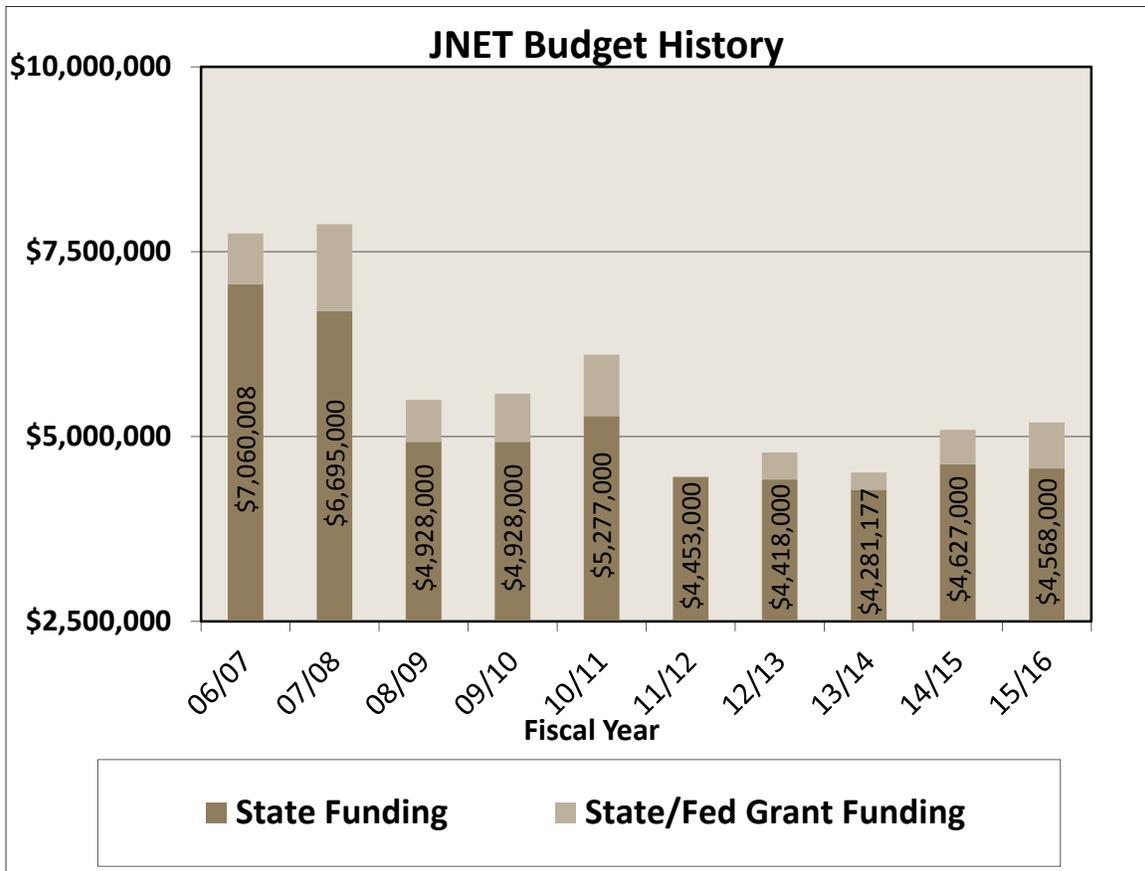
Budget

JNET's total operating budget for FY 15/16 was \$4,568,000. These funds support JNET's reliable and secure infrastructure, ongoing application development and support, procurement of contracted resources and deployment of JNET's architectural upgrade. As depicted in the JNET budget history graph, the budget has remained relatively level for the past eight years. Additionally, JNET received state and federal grant money, \$290,000 and \$334,000 respectively, for specific projects as detailed below.

Grant Type	Project	Amount
State	Inter County Probation Transfer	\$101,000
State	Electronic Reporting Improvement	\$150,000
State	Mid Atlantic Regional Information Sharing	\$39,000
Federal	Evidence Tracking	\$188,000
Federal	Mid Atlantic Regional Information Sharing	\$146,000

JNET Budget History

The graph below provides a historical look at JNET’s budget over the past 10 fiscal years.



JNET Customers

JNET serves law enforcement and public safety officials at the federal, state and local level. Typical users are police, probation officers, courts, 911 and booking centers, district attorneys and domestic relations. JNET has over 26,000 active user accounts among the JNET user community broken down below:

- 37 state organizations
- 44 federal agencies
- 8 Business Partners
- 67 counties connected to JNET
- 1,187 municipal police departments

Customer Success Stories

Allegheny County District Attorney's Office used JNET to aid in the arrest of co-conspirators from a statewide counterfeit check ring. The check cashing scheme involved recruiting individuals in the Pittsburgh and Philadelphia area to cash counterfeit checks. The individuals obtained legitimate routing and account numbers from business bank accounts through another co-conspirator with a connection at a check cashing business. The organization made over \$100,000 from known counterfeit checks.



Detectives used bank surveillance video and drivers' license numbers to look-up and identify check cashers in PennDOT driver photos in JNET. Several individuals hired to cash the checks were arrested and agreed to cooperate. One defendant had a photo on her phone of one of the co-conspirators. The image was run in JNET facial recognition which resulted in a possible candidate. The second conspirator was identified by his cell phone number. Both candidates were included in two separate photo line-ups created in JNET WebCPIN. The defendant who provided the photo and phone number confirmed both co-conspirators in the photo lineups.

The **Office of Inspector General** used JNET's PA Department of Labor & Industry (L&I) Employment Query to complete a field investigation based on a tip from the public. A search in the JNET L&I application provided information on a case that helped place a client's unreported husband in the household and indicated he was employed full-time. This information resulted in the household being ineligible for the Supplemental Nutrition Assistance Program and medical benefits. The monthly cost savings is over \$2000.00 for this case alone.

A **Northampton Township Detective** in Bucks County helped a neighboring police department confirm the identity of an individual involved in a bank robbery. The suspect's picture from the bank was cropped and entered in JNET's facial recognition system. The search results included a candidate very similar to the picture from the bank. This information was shared with the neighboring police department and confirmed the identity of the suspect.

The **Sexual Offenders Assessment Board (SOAB)** partners with JNET to host the Integrated Sex Offender Assessment Tracking System (ISOATS). In 2016 JNET integrated the request and approval process for users requesting access to ISOATS into its identity management system, essentially automating what was a completely manual process. This effort reduced the time it took a user to request and gain access to ISOATS.

JNET Services

The Pennsylvania Justice Network (JNET) is the Commonwealth's primary public safety and criminal justice information broker. JNET's integrated justice portal provides a common online environment for authorized users to access public safety and criminal justice information. This critical information comes from various contributing municipal, county, state and federal agencies. One-time data entry has improved the effectiveness of participating agencies and has significantly improved data accuracy throughout the Commonwealth's criminal justice system. Information entered into a records management system at the onset of an investigation can now follow the offender throughout their criminal justice tract. As offenders pass through the gateway of justice all the way to post-sentencing supervision, offender information flows in concert with the offender's progression.

JNET's services can be categorized into two main areas; the JNET portal and messaging, which includes notifications. The following section provides a description of each.

The JNET Portal

The JNET portal is a secure mobile friendly internet website that provides authorized users access to criminal justice data through 40 inquiry-based applications. In addition to the website itself, 35 of the 40 applications are mobile friendly. Additionally, the website is used as a communication channel to provide updates about any information that impacts users. A complete list of all applications, including a description and the data provider, can be found in **Appendix A**.

While many of the applications are built to pass through data from a data provider to an end user, JNET has built applications that combine data from multiple data providers and return that data to the end user using a single interface.

To the right are some of the most commonly used applications available on the JNET portal and their usage volumes in FY 15/16.

All totals below are for FY 15/16		
JNET Warrant Search 1,331,249	JNET Traffic Stop 533,864	Department of Labor & Industry Employment Information 86,882
JNET Address Search 234,184	JNET Federated Search 534,402	Domestic Relations Warrant Search 62,538
JNET Photo Search 1,804,618	JNET Background Check 158,303	Department of Human Services Recipient Address Search 50,783

Messaging

Messaging consists of JNET's ability to build system to system interfaces to produce data exchanges, event services and notifications. This allows computerized records' systems within criminal justice agencies to interface with JNET to access data related to records specific to that agency. It provides interfaces that publish events such as court case events and allows JNET users to subscribe to a notification that is sent as related to those events.

Event Messaging and Data Exchanges

JNET Messaging Infrastructure (MI) is the message broker that allows for the secure transfer of information between agency systems and users. This data exchange and event messaging model provides stakeholders with the ability to maintain ownership and control of their data systems. This has elevated county and state agency data availability, including participation in electronic data exchange and subscription to real-time event messaging services. While the MI is a retired service, it still is the vehicle used to deliver over 50% of all JNET messages and data exchanges.

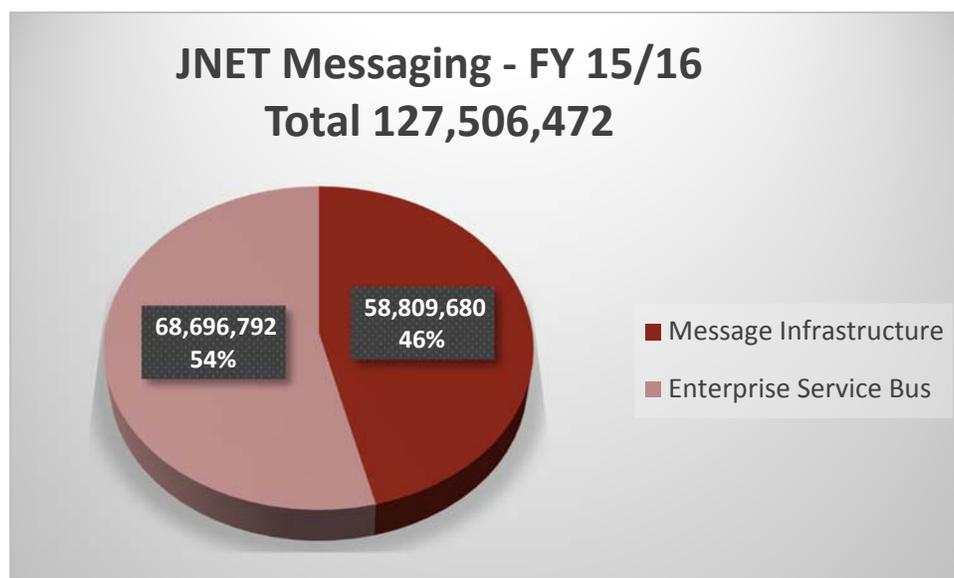
JNET continues to focus new data exchange efforts through web services via JNET's Enterprise Service Bus (ESB) instead of relying on JNET's MI. This strategy includes maintaining existing JNET MI connections to support legacy data exchanges between JNET and our business partners. However, when appropriate and feasible, JNET converts MI exchanges to web-services through the ESB.



Even with JNET focused on migrating messages to JNET ESB, the number of messages processed through JNET MI continues to increase annually. Business partners continue to publish messages through the JNET MI environment and JNET ESB also integrates with JNET MI to publish and receive messages. A complete list of all available messaging services can be found in **Appendix B**.

The transition from MI to ESB is providing JNET the opportunity to re-baselining statistical information to achieve a more reliable, repeatable method of reporting.

The graphic below shows the total messages through both messaging channels for FY 15/16.

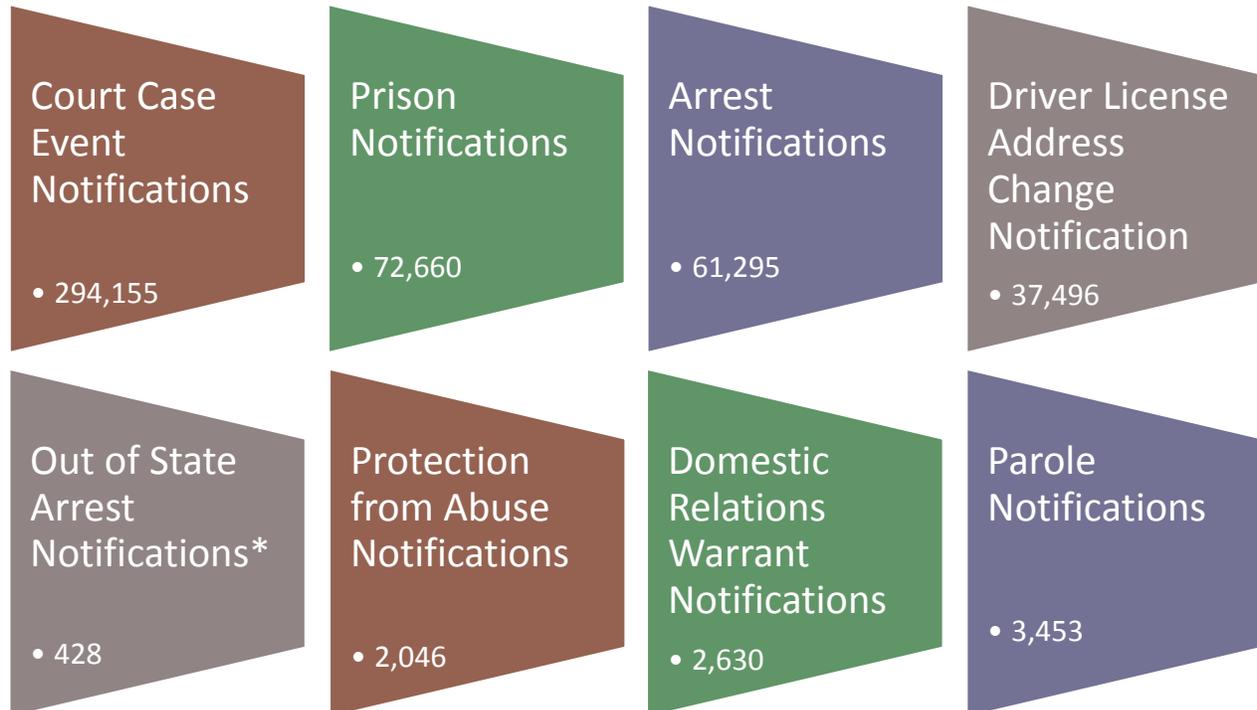


Notifications

As the hub of the commonwealth's criminal justice information sharing efforts, JNET is in the unique position of providing notification alerts of critical events within the criminal justice system to interested professionals. A prime example of notifications is a probation officer subscribed to arrest notifications for their supervised offenders. Should one of their supervised offenders be arrested, that would trigger an email to the probation officer with minimal details. From there, the probation officer can login to their JNET notification for a complete description.

Virtual notifications provide JNET users with the same functionality as traditional JNET notification services without the local database requirements. Authorized users can access the JNET virtual notifications application and either manually enter or upload information to populate a watch list. JNET then securely stores that information and compares it against notification event messages. Each watch list can be configured to ensure that messages matching individual persons of interest are sent to specific recipients. A complete list of available notifications can be found in **Appendix C**.

The graphic below displays JNET notifications generated by events of JNET business partners.



*For Maryland only. This demonstrates new initiative to provide data to and from other states. Five additional states to be added in FY 16/17.

**Total Notifications Delivered and Confirmed in
FY 15/16
482,772**

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**JNET 2015-2016 Annual Report
Appendix A
JNET Applications and Data Providers**

Application	Description
AOPC UJS Portal	This service provides access to docket sheets for Pennsylvania's Appellate Courts, Court of Common Pleas, and Magisterial District Judges. Authorized users can access the Law Enforcement Portal, local rules, court calendars and a statewide warrant search.
Crime Network (cNET)	cNET is a web-based police records management system which allows data sharing between police agencies.
DCNR ATV and Snowmobile Inquiry	Allows JNET users to search for all-terrain vehicle and snowmobile records by owner, vehicle and title information.
DOH Birth Record Inquiry	This application provides JNET users with the ability to search for and retrieve birth certificate record information in order to verify citizenship.
Domestic Relations Warrants	Users may search by individual names, cases, or entire counties for a list of outstanding child support warrants from the Pennsylvania Child Support Enforcement System (PACSES). Information returned includes the amount of arrears owed at the time the warrant was issued as well as contact information for the issuing jurisdiction.
DHS Recipient Address Inquiry	This system allows JNET users to enter search criteria to determine if an individual of interest is actively receiving cash or food stamp benefits from the department of human services.
Electronic Reporting Statistics	Allows JNET users to query reports from the electronic reporting data provided by county probation offices and county prisons.
ISOATS	The application is used to track offenders and exchange court information from the courts.
JNET Address Search	Provides practitioners with access to comprehensive address information from 11 distinct data sources through a unified search application.
JNET Automated Registration System	Allows JNET Sponsors to generate electronic invitations to new JNET users. The new user receives an email notification and clicks on an embedded link to activate their new account.
JNET Background Check	The JNET Background Check allows JNET criminal history (CH) users to quickly search PSP criminal history records as well as warrants from the AOPC and PACSES.

Application	Description
JNET Federated Search	Provides AOPC Docket information, WebCPIN photos, PBPP and county Probation/Parole information, DOC and county jail information, PSP criminal history, and PCS sentencing information to JNET users through one interface.
JNET Photo Search	This application allows users to make a single inquiry and automatically search for photographs from both PennDOT and WebCPIN – which contains photographs from several other systems including: HIDTA, DOC, PBPP, county prisons and county probation offices. Search results include a link to a map depicting the location of the subject’s home address and surrounding area.
JNET Traffic Stop	Allows a law enforcement officer to obtain vehicle and driver information using the least amount of information available. CH users will be able to run transactions in PA and other states. CJ users are restricted to Pennsylvania drivers and vehicles.
JNET Warrant Search	The JNET Warrant Search allows users to query warrant information from CLEAN, NCIC, AOPC and PACSES, through a single search.
JNET Warrant Correction	Provides users with the ability to correct and resubmit warrants that have been rejected by CLEAN or NCIC, as opposed to manually re-entering the entire warrant.
JNET Facial Recognition System (JFRS)	Allows JNET users to compare an unknown suspect’s image to over 35 million images from PA databases, including PennDOT. JFRS can be used on mobile devices allowing users to upload images from the field for instant comparison.
JNET User Provisioning System	The user provisioning system allows users to request security roles for further access to specific applications. Similar to the automated registration application, user requests for additional security roles are routed to approvers for review.
Juvenile Case Management System Inquiry	JCMS provides juvenile information for the completion of background checks, firearms registrations, and Megan’s Law investigations.
Juvenile Tracking System	JTS allows users from specific agencies to retrieve juvenile data provided by county juvenile probation office sources via a single-point search application and user interface.
Learning Management System (LMS)	An online system that provides both basic and advanced user training. Provides training modules for each application available on JNET. Allows JNET Registrars to track users’ completed trainings and progress.

Application	Description
Law Enforcement Justice Information Web Interface	Allows all JNET users to query records contained within LEJIS which houses index information from hundreds of police departments from across the commonwealth.
Notifications	<p>JNET Notifications allow users to subscribe to real-time event messages for comparison against offender watch-lists. When an event message is published, it is compared against watch-list records and the subscriber is automatically notified via email. When a significant event such as an arrest, disposition, want, warrant, state parole violation, PennDOT change of address or death occurs, users are alerted to check secure JNET for detailed event information.</p> <p>Virtual notifications are used by federal and municipal users without direct access to JNET through the commonwealth network. Virtual notifications provide these users with the same functionality as traditional JNET notification services without the local database requirements.</p>
PA Department of Labor & Industry Employment Query	The PA Department of Labor & Industry Employment Query allows users to access employer data and information and if requested wage data from the Unemployment Compensation Management System repository.
PBPP-259	This system allows parole agents to enter Record of Interview Form (PBPP-259) information and supplementary notes online, submit the information and retrieve and print it for subsequent reference. It also includes a standard set of reports that are targeted for agents and management use.
PCCD Constable Query	The Pennsylvania Commission on Crime and Delinquency Constable Query allows users to search a database containing certified constable information for all Pennsylvania counties.
PCCD Sheriff/ Deputy Sheriff Query	The Pennsylvania Commission on Crime and Delinquency Sheriff/ Deputy Sheriff Query allows users to search a database containing certified deputy sheriff information for all Pennsylvania counties.
PennDOT In-Transit Tag	The PennDOT In-Transit Tag search allows authorized JNET users to query PennDOT's in-transit tag database. In-transit tags are 30 day tags that are granted by PennDOT to the purchaser of a vehicle who resides outside of Pennsylvania. These are cardboard tags that are to be used only from the time the non-resident purchases the vehicle in Pennsylvania until he or she registers it in their home state.

Application	Description
PennDOT License/Registration Pickup	This application provides JNET users with access to PennDOT's lists of expired and revoked driver's licenses and vehicle registrations. Search results include a link to map depicting the location of the subject's home address and surrounding area.
PennDOT Photos/History	Provides JNET users with access to PennDOT's current and historical driver's license and photo records, as well as certified driving records. Also includes license suspension information, emergency contact information and CDL medical certification information.
PennDOT Vehicle Inspection and Emissions	The PennDOT vehicle inspection and emissions query allows JNET users the ability to quickly obtain inspection or emissions station information. It also assists law enforcement in identifying fraudulent inspection stickers.
PennDOT Vehicle Registration	Provides JNET users with access to PennDOT's certified vehicle records.
Pre-sentence Investigation (PSI) Index	Allows authorized JNET users to search for AOPC pre-sentence related court documents by defendant information, docket number or county.
Protection from Abuse Database (PFAD)	The Protection from Abuse application searches the PFA Database from the Pennsylvania Coalition Against Domestic Violence.
PSP CLEAN PortalXL	Provides JNET criminal history (CH) users with a fully functional web-based PSP CLEAN terminal. Provides access to the Pennsylvania Sex-Offender Registration Tool (PA SORT) in addition to numerous federal law enforcement data sources.
Sentencing Guidelines Software (SGS Web)	This is a web-based application developed by the Pennsylvania Commission on Sentencing (PCS). SGS Web provides official sentencing guidelines, calculations and history to the courts of Pennsylvania via JNET.
Statistical Reports	Includes nine reports summarizing usage of the JNET system by county, hourly analysis of JNET usage, successful warrant submissions, county jail and adult probation reporting, pre-sentence information, and JNET notification use.
User Transaction Log Lookup Report	Allows users to easily search through log files to document their JNET transactions. This application includes all user log entries collected by JNET.

Application	Description
WebCPIN	This web based application provides access to the Commonwealth Photo Imaging Network (CPIN) which includes over five million photos from arrest/booking centers, state and county probation and parole, state and county prisons and NY/NJ High Intensity Drug Trafficking Area (HIDTA). WebCPIN provides the functionality to create photo lineups, perform investigative searches and print wanted/missing person posters.
Web Services Monitoring Tool	The Web Services Monitoring tool provides users with the status of JNET web services. The application displays availability of the web service, as well as the date and time of the last successful transaction processed for that specific system.

JNET Data Providers

Commonwealth Law Enforcement Assistance Network (CLEAN)
 National Crime Information Center (NCIC)
 National Law Enforcement Telecommunications System (NLETS)
 Interstate Identification Index (III)
 Interstate Photo Imaging Network (IPIN)
 Pennsylvania State Police (PSP)
 Administrative Office of Pennsylvania Courts (AOPC)
 Pennsylvania Board of Probation and Parole (PBPP)
 Pennsylvania Department of Corrections (DOC)
 Pennsylvania Department of Transportation (PennDOT)
 Pennsylvania Juvenile Court Judges Commission (JCJC)
 Pennsylvania Commission on Sentencing (PCS)
 Pennsylvania Commission on Crime and Delinquency (PCCD)
 Pennsylvania Department of Public Welfare Automated Child Support Enforcement System (PACSES)
 Department of Health (DOH)
 Department of Human Services (DHS)
 Department of Labor and Industry (DLI)
 Department of Conservation and Natural Resources (DNR)
 Mid-Atlantic Regional Information Sharing (MARIS)
 Pennsylvania Coalition against Domestic Violence (PCADV)
 55 Pennsylvania County Prisons
 54 Pennsylvania County Probation Offices

**Appendix B
JNET Messages**

Web Service	Type of Service	Description
Address Service	Query Service	While manually running queries through multiple systems can be time-consuming and mistake-prone, the JNET Address Service provides you with address information from 11 different sources with a single submission to: AOPC, County Adult Probation and Parole, County Prisons, DOC, DHS, DRO warrants, JCJC, PBPP, PennDOT, PSP and WebCPIN.
All-Terrain Vehicle (ATV) and Snowmobile Service (DCNR)	Query Service	With this service, you can search for All-Terrain Vehicle (ATV) and snowmobile registrations through the Pennsylvania Department of Conservation and Natural Resources (DCNR) Snowmobile/ATV Section returning: owner, co-owner, address, registration and title information related to the vehicle in question.
Arrest Message (PSP)	Event Message Service	With this service, you can subscribe to messages from the Pennsylvania State Police (PSP) regarding all arrests where the individual has been fingerprinted. All fingerprints at arrest and booking are processed through the Automated Fingerprint Identification System (AFIS) and are then incorporated into the PSP Commonwealth Law Enforcement Assistance Network (CLEAN) and made available to JNET and agency subscribers to the Arrest Message.
Birth Certificate (DOH)	Request/Reply Service	With this service, your system can search for birth records through the Pennsylvania Department of Health (DOH). All birth certificates filed with the Department of Health are available for searching by basic demographic information.
Child Support Warrant (DHS)	Event Message Service	The Department of Human Services has created a mechanism to publish information regarding warrants originating with failure to pay child support through the Department of Human Service (DHS) Pennsylvania Child Support Enforcement System (PACSES). The data is then available to JNET, who, by request is able to send messages to subscribing agencies as specific Child Support warrants are issued and served.

Web Service	Type of Service	Description
Court Case Event (CCE) Message (AOPC)	Event Message Service	<p>The Administrative Office of Pennsylvania Courts (AOPC) processes all Magisterial District Judge (MDJ) and Common Pleas Court (CP) criminal court cases. The AOPC has created a mechanism to publish in either the MDJ or CP system, Court Case Event (CCE) information as an event is triggered. It is then available to JNET, who, by request is able to send messages to subscribing agencies as specific CCEs occur.</p> <p>MDJ: Criminal Case Calendar, Case Initiation, Lifecycle, Sentencing/Disposition/ Warrant CP: Bind Over, Calendar, Lifecycle, Sentencing Disposition, Warrant</p>
Court Case Request/Reply (AOPC)	Request Reply Service	<p>The Administrative Office of Pennsylvania Courts (AOPC) processes all Pennsylvania criminal court cases. Agencies may submit an Offense Tracking Number (OTN) request through this JNET Web Service to receive a reply containing up-to-date case information from AOPC related to the OTN.</p>
Deceased Person Message (DOH)	Event Message Service	<p>The Pennsylvania Department of Health (DOH) serves as the official repository for all records of deceased persons for the Commonwealth of Pennsylvania. The DOH provides a monthly update of deceased person records, which JNET then batch processes through the Messaging Infrastructure and Notification Service. Agencies may subscribe to these messages.</p>
Deputy Sheriff and Constable Contact Information (PCCD)	Event Message Service	<p>The Pennsylvania Commission for Crime and Delinquency (PCCD) has created a mechanism to publish contact information for Deputy Sheriffs or Constables. The data is then available to JNET, who, by request is able to send messages to subscribing agencies as changes such as adding, updating or deleting are made to the information records.</p>
Driver Service (PennDOT)	Query Service	<p>The Pennsylvania Department of Transportation (PennDOT) issues, maintains and retains records for all driver's licenses in the Commonwealth of Pennsylvania. PennDOT allows JNET to broker this information to subscribing agencies. The agency system can then query PennDOT driver information, history, photographs and verification of license records securely through JNET. Positive matches are then returned to the agency system.</p>

Web Service	Type of Service	Description
Driver's Address Change Message (PennDOT)	Event Message Service	PennDOT receives tens of thousands of driver's address updates each week. As PennDOT processes each change of address, a message is sent securely to JNET. The message is then made available to JNET users through the JNET Messaging Infrastructure (MI) JNET Notification Service.
Electronic Filing (E-Filing) Court or Case Filing (AOPC)	Request/Reply Service	The Administrative Office of Pennsylvania Courts (AOPC) allows local agencies to electronically file (e-file) any proceeding that initiates a new case or affects an existing case to the appropriate court (via JNET). E-Filings include criminal complaints, traffic citations, and docketing events.
Electronic Reporting (ER) Adult Probation and Parole (ER2P) (PBPP)	Event Message Service	<p>JNET ER2P is designed to allow County Adult Probation and Parole systems to implement and deploy a web service client in order to publish data to JNET. It is not a subscription to the web service or a query service. For these, see the Electronic Reporting [ER] Inquiry and Subscription Services. (ER2P is only available for participation by County Adult Probation and Parole agencies.)</p> <p>When your Probation and Parole Department participates in this system, the JNET Electronic Reporting (ER) functionality then provides adult probation and parole information from County Probation and Parole offices to the Pennsylvania Board of Probation and Parole (PBPP) and the data is then made available to agencies subscribing to the JNET ER service.</p>
Electronic Reporting and Inmate Information (ERII) County Prison (DOC)	Event Message Service	<p>JNET ERII is designed to allow County Prison systems to implement and deploy a web service client in order to publish data to JNET. It is not a subscription to the web service or a query service. For these, see the Electronic Reporting [ER] Inquiry and Subscription Services. (ERII is only available for participation by County Prisons.)</p> <p>When your Prison participates in this system, the JNET Electronic Reporting (ER) functionality then provides Prison information to the Department of Corrections (DOC) and the data is then made available to agencies subscribing to the JNET ER service.</p>

Web Service	Type of Service	Description
Electronic Reporting (ER) Subscription Service (DOC, PBPP)	Event Message Service	The JNET ER Subscription Service allows authorized agencies to become secondary recipients of County Probation and Parole (ER2P) or County Jail (ERII) messages. The ER Subscription Service brokers and publishes an exact copy of the original incoming message to authorized subscribers in a National Information Exchange Model (NIEM) XML format. The subscribing agency may then filter the data, using what fields are relevant for its business needs.
Employment Service (DLI)	Query Service	<p>The Department of Labor and Industry (DLI) Employment Service allows systems to search for employer and wage information from the DLI Unemployment Compensation Management System (UCMS).</p> <p>Employers covered under the PA Unemployment Compensation (UC) Law are required to file quarterly reports showing wages paid to employees. The data extracted from these quarterly reports are stored in the UCMS. The UCMS retains the last 16 quarters (4 years) of employee records submitted by the employer.</p>
Fish and Boat Registration Service (Fish and Boat Commission)	Query Service	This service allows your agency system to query and receive registered boat, owner, registration, and alert information through JNET from the Pennsylvania Fish and Boat Commission.
Inmate Misconduct Message(DOC)	Event Message Service	The Pennsylvania Department of Corrections (DOC) is responsible for the custody of inmates housed in all State Correctional Institutions (SCI). As part of that responsibility, when there is an incident in an SCI related to inmate misconduct, the DOC administers a formal investigative, hearing and sanctioning process related to the misconduct. As part of that process, the DOC shares misconduct findings messages through the JNET Messaging Infrastructure (MI) with any agency who is approved to receive access.
Juvenile Court Case Event (CCE) Message (AOPC)	Event Message Service	The Juvenile Court Case Event publication (CCE) process publishes all Juvenile court case data concerning court events, case participants, offense(s), disposition, sentencing, juvenile detention and warrants to court case subscribers

Web Service	Type of Service	Description
License Plate Reader (LPR) Suspended and Expired	File Download	Daily file from PennDOT of license plates expired or suspended
Maryland Arrest (State of Maryland)	Event Message Service	With this service, you can subscribe to arrest messages from the state of Maryland. Maryland Arrest is available only to Probation and Parole Departments and Prisons.
Offender Inquiry	Query Service	The Offender Inquiry Service allows authorized systems to access County Offender, County Inmate and State Parole information through one federated inquiry. This system-to-system service provides flexibility in that queries may be for specific individuals or a search for all offenders contained in one or more counties as well as in one or more of the contributing databases.
Originating Agency Identifiers (ORI) Update Message (PSP)	Event Message Service	<p>An ORI is used by the Federal Bureau of Investigation (FBI) to track all transactions being run through the federal National Crime Information Center (NCIC). The Pennsylvania State Police (PSP) office oversees all Pennsylvania ORIs on their Computerized Criminal History Records Information (CCHRI) system using an ORI master index.</p> <p>The ORI Update Message allows agencies without direct access to the index to subscribe to up-to-date ORI information.</p>
Parole Violation Message (PBPP)	Event Message Service	The Pennsylvania Board of Probation and Parole (PBPP) supervises all individuals released on parole from a State Correctional Institution (SCI), special cases from Commonwealth Common Pleas (CP) Courts, as well as cases transferred into Pennsylvania from other jurisdictions. When Offenders under the supervision of PBPP are found in violation of the terms of their supervision, the PBPP updates the offender's status in their system and shares the update with JNET once a day at a designated time.
Photo Service (PCCD, PennDOT)	Query Service	This service allows your agency system to access PennDOT Driver Photos and History as well as Web Commonwealth Photo Imaging Network (Web CPIN) photographs through one federated inquiry. Results include driver and offender demographic information, address information, license

Web Service	Type of Service	Description
		information, criminal case information, and physical characteristics.
Sentencing Guideline Request/Reply (PCS)	Request/Reply Service	With this service, your system can query the Pennsylvania Sentencing Commission (PCS) and receive a reply with information relating the specific sentencing guideline for which you are searching.
Sentencing Guideline Message (PCS)	Event Message Service	This service allows your agency to subscribe to Sentencing Guideline information as it is published by the Pennsylvania Commission on Sentencing (PCS).
Vehicle Service (PennDOT)	Query Service	The Pennsylvania Department of Transportation (PennDOT) issues, maintains and retains records of all vehicle registrations for the Commonwealth of Pennsylvania. PennDOT via JNET brokerage, allows subscriber systems to query PennDOT vehicle records. When a potential match is made, the service provides information that can then be used for forms and reports such as vehicle registration, history, title, owner, and lessee information.
Wanted Person Message (PSP)	Event Message Service	The Pennsylvania State Police (PSP) process and submit wanted persons to the National Crime Information Center (NCIC) and share a message with JNET.
Warrant Service (AOPC, PSP, DHS)	Query Service	The Warrant Service allows JNET subscribing agencies to access data from the Pennsylvania State Police (PSP) Commonwealth Law Enforcement Assistance Network (CLEAN), Administrative Office of the Pennsylvania Courts (AOPC) and Pennsylvania Child Support Enforcement System (PACSES).
Watch List Query Service	Notification Service	Watch List Query Service requires an agency to develop and host a Watch List Query Service on their system using specifications provided by JNET. Whenever JNET receives event information from Pennsylvania state agencies or business partners, JNET invokes the agency's service to deliver that event information. The agency Watch List Query Service would then query the agency's own database in an attempt to match any individuals received from JNET. If any matches are found, the service would indicate this to JNET in a response and JNET would then send a notification to designated agency recipients.

Web Service	Type of Service	Description
Watch List Update Service	Notification Service	When utilizing the Watch List Update Service, JNET maintains an agency's watch list of persons of interest. JNET compares incoming event messages against the watch list and delivers notification events to designated agency recipients. The agency would call JNET's Watch List Update Service to maintain their watch list by adding or removing individuals from the watch list hosted at JNET

Appendix C JNET Notifications

Adult and Juvenile Arrest

Out-of-State Arrest (Maryland) – available only to DOC, PBPP, County Probation and Parole Departments and County Prisons

State Parole Violation

PSP Wanted Person

PennDOT Driver's Address Change

DOH Deceased Person Notice

Child Support Warrant

Protection From Abuse Order – Requires approval from the PA Coalition against Domestic Violence

County Jail Events

- Admission

- Permanent Release

- Temporary Release

- Detainer Update

- Escape

- Bond Update

County Probation Events

- Offender Supervision Effective Date

- Offender Supervision Closed

- Absconder Message

- Offender Change of Address

Court Case Events

- CP Bind over

- CP Sentencing

- CP Warrant

- MDJ Court Case Initiation

- MDJ Sentencing

- MDJ Warrant

PennDOT Driver Query Audit