FOURTH AMENDATORY AGREEMENT

This **FOURTH AMENDATORY AGREEMENT** is made and entered into by and between the **CITY AND COUNTY OF DENVER**, by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado (the "City") and **CI TECHNOLOGIES INC.**, a Florida corporation registered to do business in Colorado, whose address is 65 Seaside Capers Road, St. Augustine, Florida 32084 ("Contractor") collectively (the "Parties").

WITNESSETH:

WHEREAS, the Parties entered into an Agreement dated December 21, 2012, an Amendatory Agreement on May 1, 2013, a Second Amendatory Agreement on December 2, 2013 and a Third Amendatory Agreement on August 29, 2016 (the "Agreement"), relating to installing an automated case management system for the Denver Department of Safety, DPD; and

WHEREAS, the Parties wish to amend the Agreement to update the scope of work, increase the Maximum Contract Amount, and extend the term.

NOW, THEREFORE, in consideration of the premises and the mutual covenants and obligations herein set forth, the Parties agree as follows:

1. All references to "…Exhibit A…" in the existing Agreement shall be amended to read: "…Exhibits A, A-1 and A-2 as applicable…". The additional scope of work marked as Exhibit A-2 is attached and incorporated by reference.

2. Article 3 of the Agreement entitled, "**TERM**" is amended to read as follows:

"3. **TERM**: The term of the Agreement is from November 1, 2012 through December 31, 2020."

3. Articles 4(A) and 4(D)(i) of the Agreement entitled "**Fee**" and "**Maximum Contract Liability**" are amended to read as follows:

"**4**. **COMPENSATION AND PAYMENT**:

A. Fee: The fee for the services described in the SOWs is **FIVE HUNDRED SIXTY-THREE THOUSAND SIX HUNDRED FIFTY DOLLARS AND ZERO CENTS ($563,650.00)**, (the "Fee"). The Fee shall be paid pursuant to the City's Prompt Payment Ordinance and in accordance with the SOWs.

D. **<u>Maximum Contract Liability</u>**:

(i) Any other provision of this Agreement notwithstanding, in no event shall the City be liable for payment for services rendered and expenses incurred by Contractor under the terms of this Agreement for any amount in excess of the sum of **FIVE HUNDRED SIXTY-THREE THOUSAND SIX HUNDRED FIFTY DOLLARS AND ZERO CENTS ($563,650.00)**. Contractor acknowledges that any work performed by Contractor beyond that specifically authorized by the City is performed at Contractor's risk and without authorization under this Agreement."

3. This Fourth Amendatory Agreement may be executed in counterparts, each of which shall be deemed to be an original, and all of which, taken together, shall constitute one and the same instrument.

4. Except as herein amended, the Agreement is affirmed and ratified in each and every particular.

[SIGNATURE PAGES FOLLOW]

Contract Control Number:

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of

SEAL

CITY AND COUNTY OF DENVER

ATTEST:

By_____

_____

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

By_____

By_____

By_____

Contract Control Number: TECHS-201208585-04

Contractor Name: CI TECHNOLOGIES, INC.

By: Timothy J. Conner

Name: Timothy Conner
(please print)

Title: Vice President
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)

The following pages contain information about these products and services:

1) Denver Police Department
   a) IAPro
   b) Blue Team
   c) CrimeNtel
   d) EIPro (Optional)
   e) Professional Services (On-call basis)
2) Denver Sheriff Department
   a) IAPro
   b) Blue Team
   c) JMS Integration (Optional)
   d) EIPro (Optional)
   e) Professional Services (On-call basis)

IAPRO

The Leading Police Integrity Software Worldwide

November 1, 2017

Denver Police Department

I have provided a cost for 3 years of annual maintenance for IAPro and BlueTeam products. IAPro and BlueTeam are currently being used by the Denver Police Department.

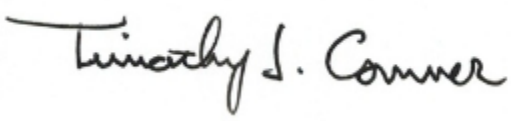
If you have any questions on this proposal, please let me know.

IAPro Price Quote

Item	Purchase costs
Annual Maintenance for period 4/30/17 – 4/29/18 • IAPro • BlueTeam	 $ 6,000.00 $ 4,000.00
Annual Maintenance for period 4/30/18 – 4/29/19 • IAPro • BlueTeam	 $ 6,000.00 $ 4,000.00
Annual Maintenance for period 4/30/19 – 4/29/20 • IAPro • BlueTeam	 $ 6,000.00 $ 4,000.00
Total Three year annual maintenance cost	$ 30,000.00

Annual maintenance includes all end user and technical support via our 800 # and our online support website as well as any associated technical or user documentation. Annual maintenance also includes all new versions of the IAPro and BlueTeam software.

Best Regards,



Timothy Conner
tconner@iapro.com
Off: 1.800.620.8504 x707

EIPro

Proposal and Statement of Work

Prepared by Tim Conner, CI Technologies, Inc.

For the Denver Police Department

November 1, 2017

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- Peer-group analytics 6

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- Annual Maintenance 11
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EIPro Overview

EIPro has been developed as a solution that will enable front-line supervisors and those in higher echelons to familiarize themselves with incidents those down their chain-of-command have been involved in.

These incidents could include incidents of all types such as: internal and external complaints, use-of-force, vehicle pursuit, employee involved accident, etc. The types of incident in our solution are configured by the customer, so there's no limit to the number of types there can be

At customer sites where incidents are sourced from external systems that information would also be accessible from EIPro.

Statement of Work -- Support for a more proactive approach

Month One- Conference call planning session with CI Technologies staff, Internal Affairs Staff, and IT Staff to plan implementation and remote training.

Month Two – Installation of EIPro application on existing server.

Month Two – Remote training and configuration assistance.

Training approach will be train-the-trainer.

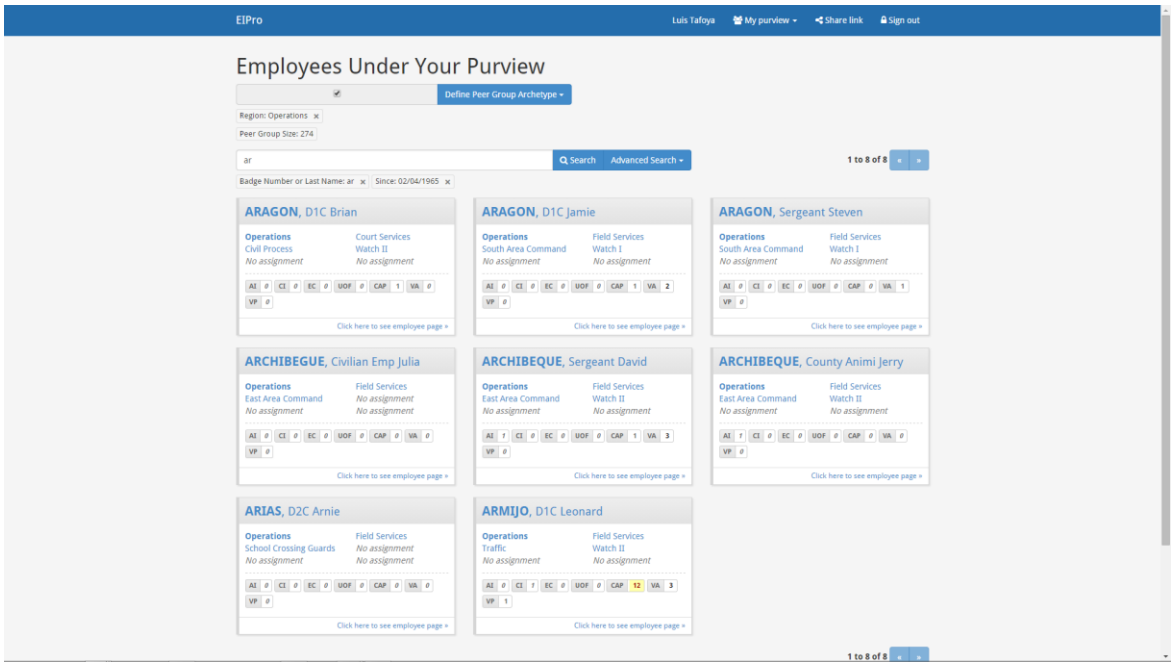
Estimated remote training & configuration time –

- Configuration assistance: 2 – 3 hours
- Training: 2 - 3 hours

Key Features

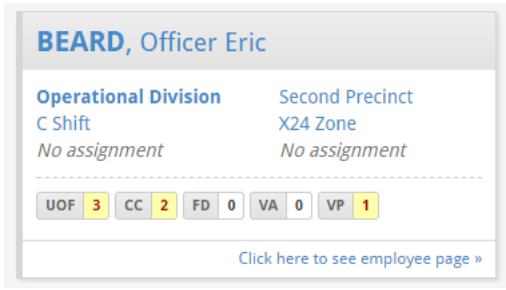
Real-time filtering

EIPro implements real-time filtering so that supervisory users are able to view the employees that are down their chain of command, or purview. An example is shown in the screen shot below:

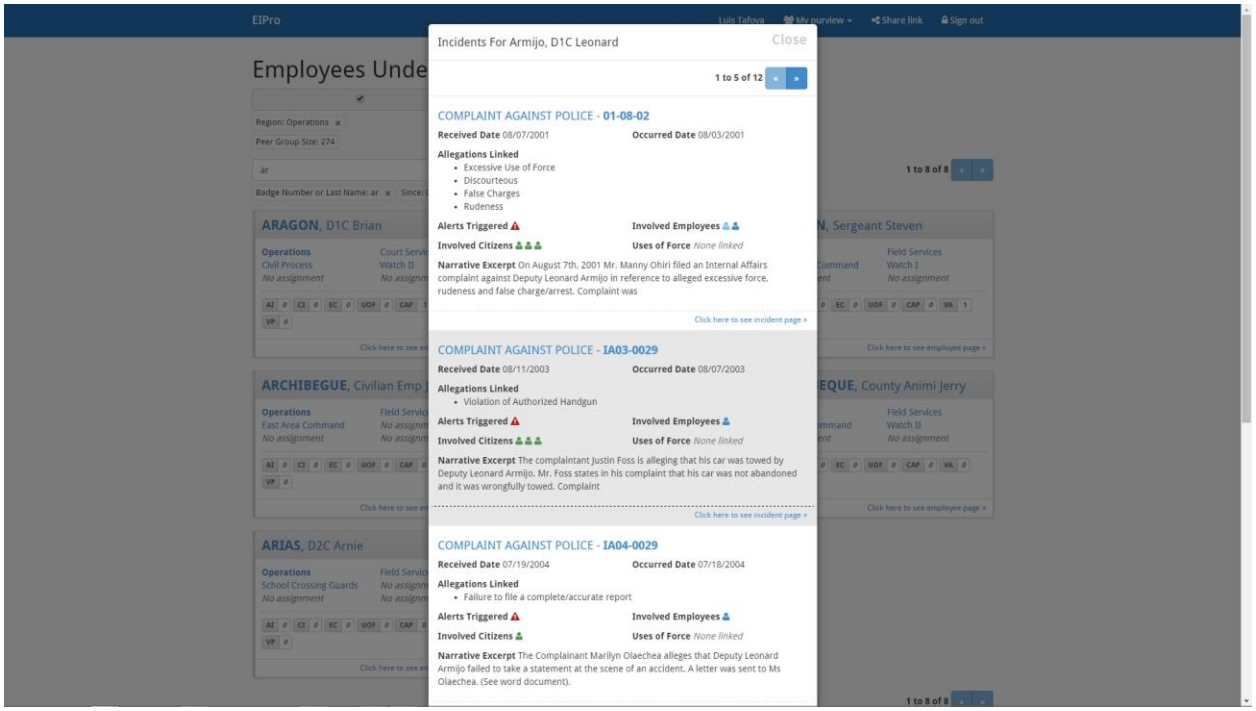


Peer-group analytics

EIPro functionality includes peer-group based analytics that are calculated across the organizational component – such as a detachment – being accessed. Outlier/out-of-standard information is displayed with a yellow coloring over the incident type. This is shown in the screen shot below, with incidents from left to right being: use-of-force (UOF), complaint against police (CC), firearms discharge (FD), Vehicle accident (VA) and vehicle pursuit (VP):

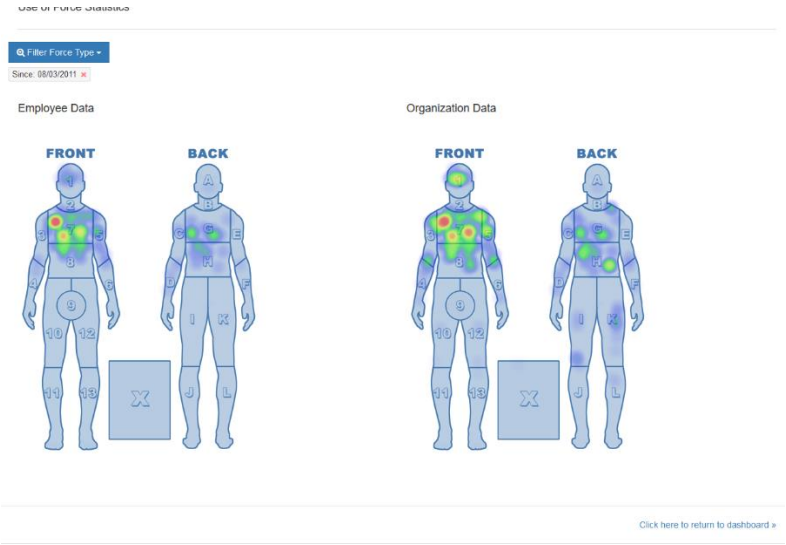


Clicking on an incident type in the employee record then displays those incidents in a modal window as shown in the screen shot below:


EIPro
Luis Tafova
My purview
Share link
Sign out
Employees Unde
Region: Operations
Peer Group Size: 274
Badge Number or Last Name: ar
1 to 8 of 8
ARAGON, D1C Brian
Operations
Civil Process
No assignment
Field Services
Watch I
No assignment
ARCHIBEGUE, Civilian Emp
Operations
East Area Command
No assignment
Field Services
Watch II
No assignment
ARIAS, D2C Arnie
Operations
School Crossing Guards
No assignment
Incidents For Armijo, D1C Leonard
Close
1 to 5 of 12
COMPLAINT AGAINST POLICE - 01-08-02
Received Date 08/07/2001
Occurred Date 08/03/2001
Allegations Linked
Excessive Use of Force
Discourteous
False Charges
Rudeness
Alerts Triggered
Involved Employees
Involved Citizens
Uses of Force None linked
Narrative Excerpt On August 7th, 2001 Mr. Manny Ohiri filed an Internal Affairs complaint against Deputy Leonard Armijo in reference to alleged excessive force, rudeness and false charge/arrest. Complaint was
Click here to see incident page »
COMPLAINT AGAINST POLICE - IA03-0029
Received Date 08/11/2003
Occurred Date 08/07/2003
Allegations Linked
Violation of Authorized Handgun
Alerts Triggered
Involved Employees
Involved Citizens
Uses of Force None linked
Narrative Excerpt The complaintant Justin Foss is alleging that his car was towed by Deputy Leonard Armijo. Mr. Foss states in his complaint that his car was not abandoned and it was wrongfully towed. Complaint
Click here to see incident page »
COMPLAINT AGAINST POLICE - IA04-0029
Received Date 07/19/2004
Occurred Date 07/18/2004
Allegations Linked
Failure to file a complete/accurate report
Alerts Triggered
Involved Employees
Involved Citizens
Uses of Force None linked
Narrative Excerpt The Complainant Marilyn Olaechea alleges that Deputy Leonard Armijo failed to take a statement at the scene of an accident. A letter was sent to Ms Olaechea. (See word document).

Version 2.0 Features

Version 2.0 introduces a wide range of additional reports, charts and analytics based on EIPro real-time filtered access.



Heat map based use of force contact point analytics

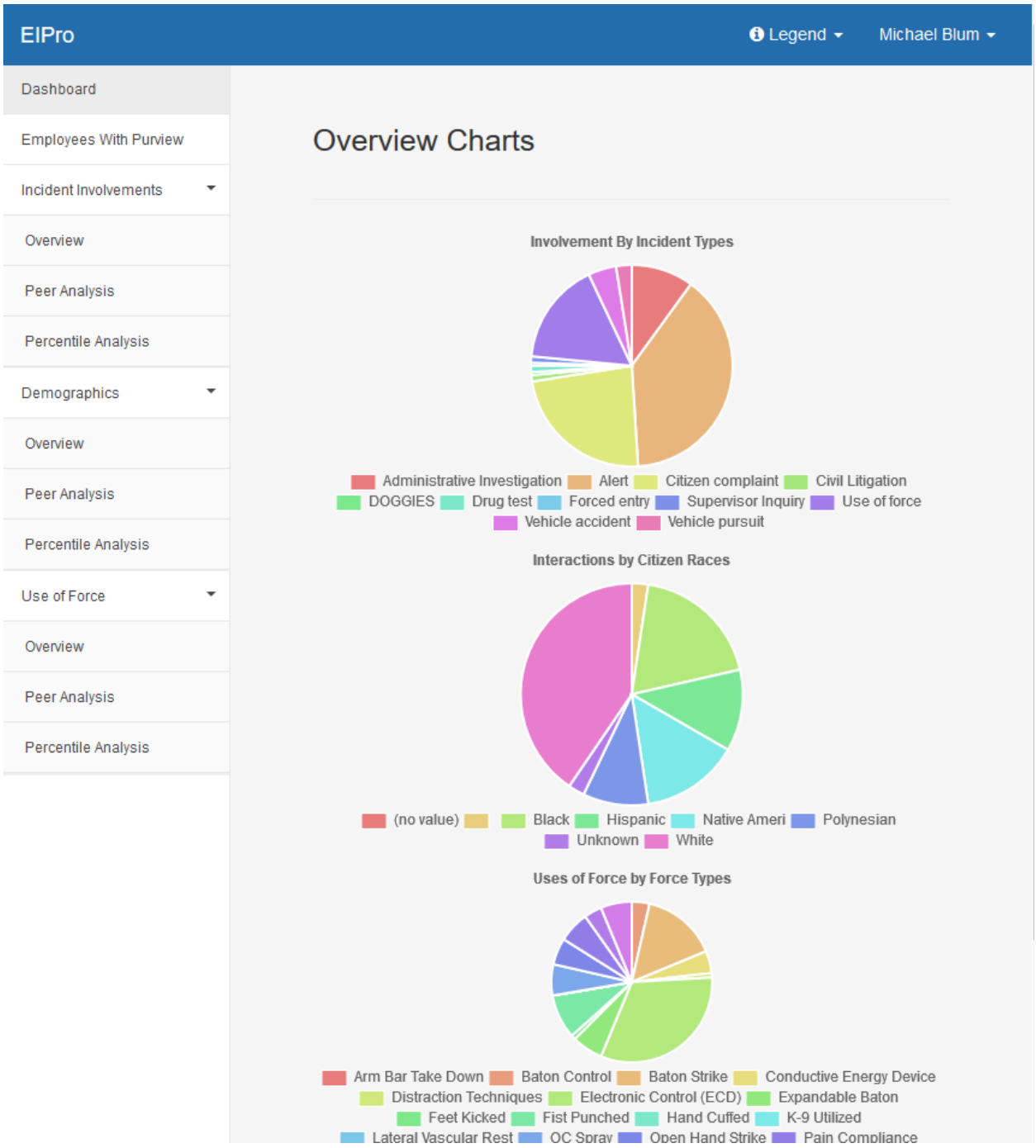
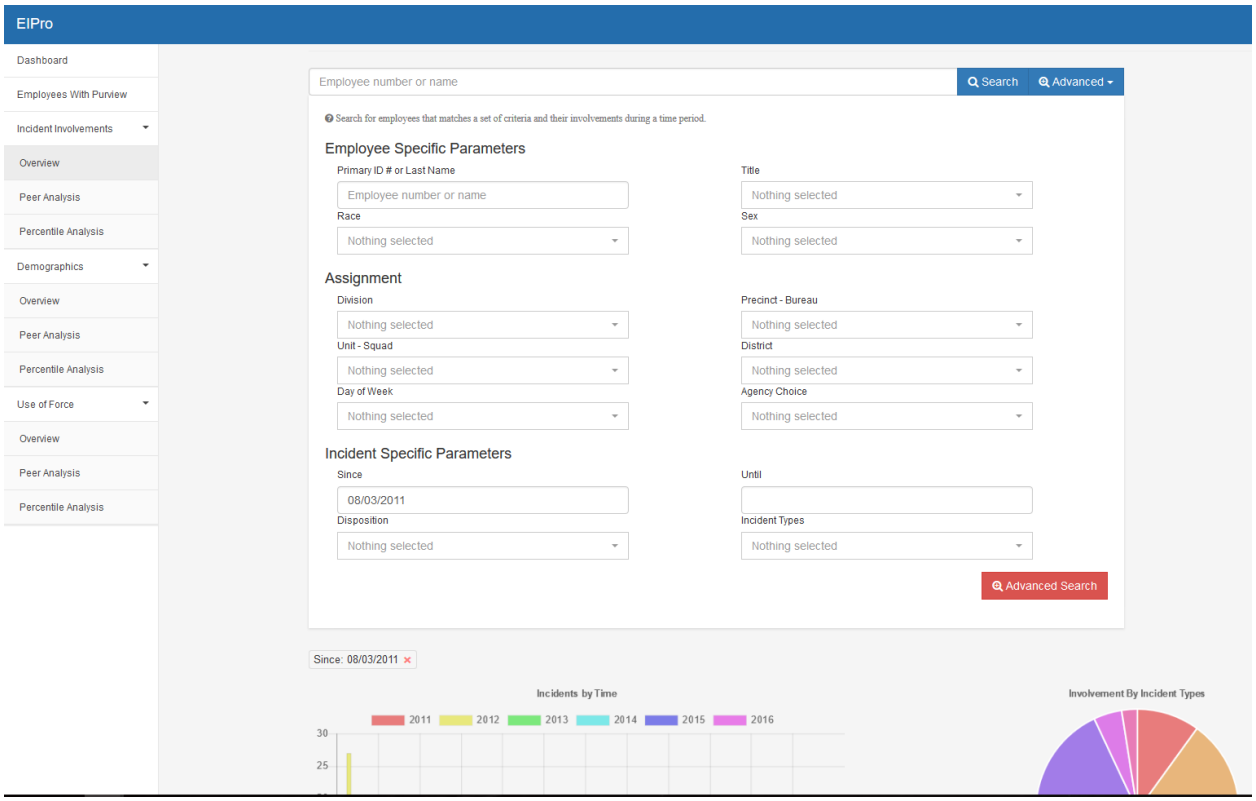
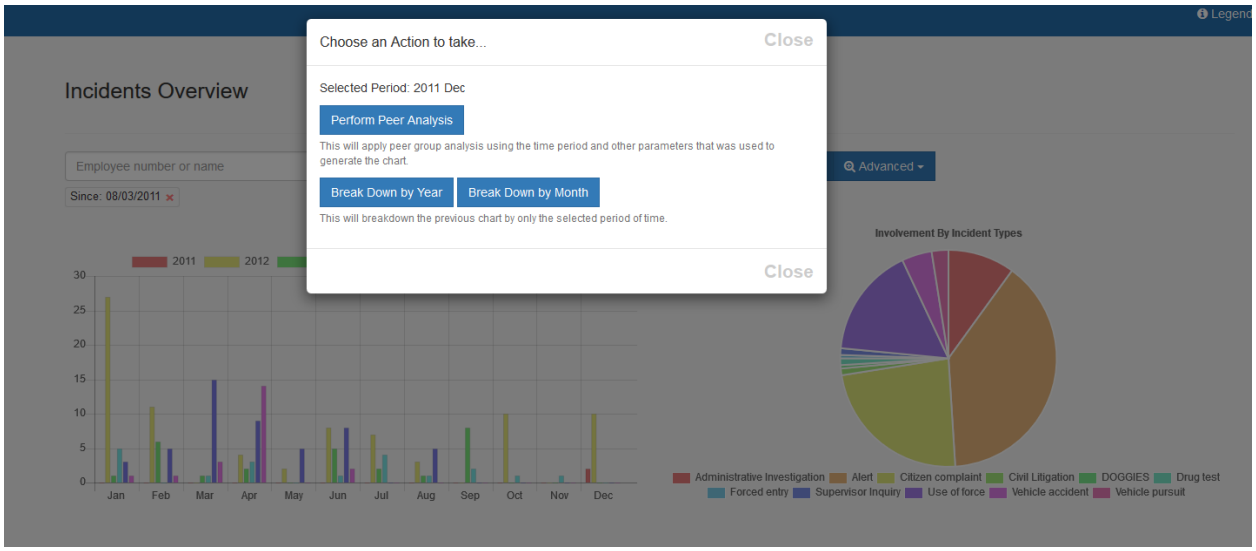


Chart based statistical analytics



Advanced search features



Application and services costs

Pricing

Item	Initial purchase costs	Recurring annual subscription
EIPro Application Licensing – Annual Subscription model • **Unlimited-use Site License** • **Unlimited number of users** • **Unlimited number of workstations** • **Installation**	$ 12,500.00	$ 12,500.00
Training and system configuration • **Remote training session** • **2 to 6 hours – as necessary** • **Train-the-trainer**	$ Included	
Total licensing and services costs	**$ 12,500.00**	**$ 12,500.00**

Annual Maintenance

Annual maintenance is included as part of the annual subscription price. Annual maintenance includes all end user and technical support via our 800 # and our online support website as well as any associated technical or user documentation. Annual maintenance also includes all new versions of the EIPro software.

Hardware environment

The purchase of EIPro software does not include hardware, OS licensing or SQL Server licensing. Most agencies that purchase EIPro have an existing server with existing Microsoft SQL Server licensing. EIPro can be installed on your existing hardware and within your existing SQL Server instance.

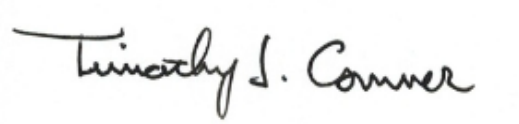
Purchase Orders

Purchase orders should be made out to: CI Technologies, Inc., PO Box 534, Townsend, MA 01469-0534

Training and installation are scheduled on a first-come-first-served basis.

For quickest response, please fax purchase order to 800.620.8504. Once received, you will be contacted for implementation scheduling.

Sincerely,



Timothy Conner

CI Technologies, Inc.
tconner@ci-technologies.com

IAPRO

The Leading Police Integrity Software Worldwide

November 1, 2017

Denver Police Department

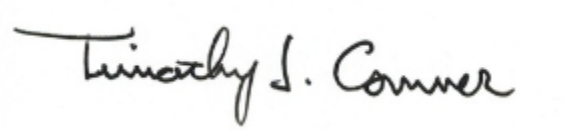
I have provided a rate for additional work that may be performed as part of Professional services. The services would need to be agreed upon by both the Denver Police Department and CI Technologies, Inc.

CI Technologies, Inc. would bill at a rate of $1400/day for time that we determine is project level and requiring additional services.

This additional cost would be communicated to the customer and agreed upon prior to billing out for this additional time and effort.

If you have any questions on this or the process itself, please let me know.

Best Regards,



Timothy Conner
tconner@iapro.com
Off: 1.800.620.8504 x707

CRIMENTEL PROPOSAL FOR DENVER POLICE DEPARTMENT

PREPARED FOR
DENVER POLICE DEPARTMENT
SERGEANT ANTHONY PARISI
INTELLIGENCE UNIT

PREPARED BY
MICHAEL BLUMBERG, SOLUTION SPECIALIST
CI TECHNOLOGIES, INC.

AUGUST 16, 2017

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EXECUTIVE SUMMARY

This proposal outlines our CrimeNtel criminal intelligence software solution for Denver Police Department.

Costs related to licensing, training and data migration services are also included.

The key points of our solution, and what sets it apart from alternatives include:

SPEEDY IMPLEMENTATION WITH MINIMAL TIME AND EFFORT

The CrimeNtel applications have been developed with an architecture that promotes rapid deployment. Our Company's product-based approach has resulted in an implementation process that is used, with minor alterations, for all customers.

New customers are up and running and productive with 3 days of on-site training.

Product installation is under an hour.

Data migration is normally 5 days or less per data set to be migrated.

23 YEARS OF EXPERIENCE IN THE CRIMINAL INTELLIGENCE ARENA

CI Technologies, Inc. have specialized in providing Criminal Intelligence software to public safety agencies in the USA for 20 years. Our trainers all have public safety criminal intelligence backgrounds and experience.

MEETS GUIDELINES AND REQUIREMENTS

A range of features, along with the fundamental design of CrimeNtel, ensure that it meets guidelines and requirements such as DOJ CFR 28 Part 23. These include:

- The intelligence submission, which embodies the criminal predicate, is the focal point of the linking model
- Mandatory entry where applicable
- Dissemination logging with mandatory entry where appropriate
- Purge/review functions with controlled access for designated users
- Background audit logging
- Holding bin for holding back incoming submissions pending review
- Management features focused on supporting review and follow-up

EXTENSIVE CUSTOMER BASE

With over 80 CrimeNtel customers across the USA – including fusion centers – CrimeNtel is the premier and leading criminal intelligence solution on offer today.

A LONGSTANDING HISTORY OF SUPERIOR PRODUCT SUPPORT AND CUSTOMER SERVICE

Providing high quality and timely technical support year-in and year-out since 1994 is one of our proudest accomplishments.

Our track record for support is supplemented by a secure product support web site, and – importantly -- an annual 2 day CrimeNtel Users Conference that's open to all customers at no charge.

This year's Eleventh Annual CrimeNtel Users conference will be held November 13th and 14th in Richmond, Virginia.

CRIMENTEL CORE FEATURES

THE INTELLIGENCE LIFE-CYCLE

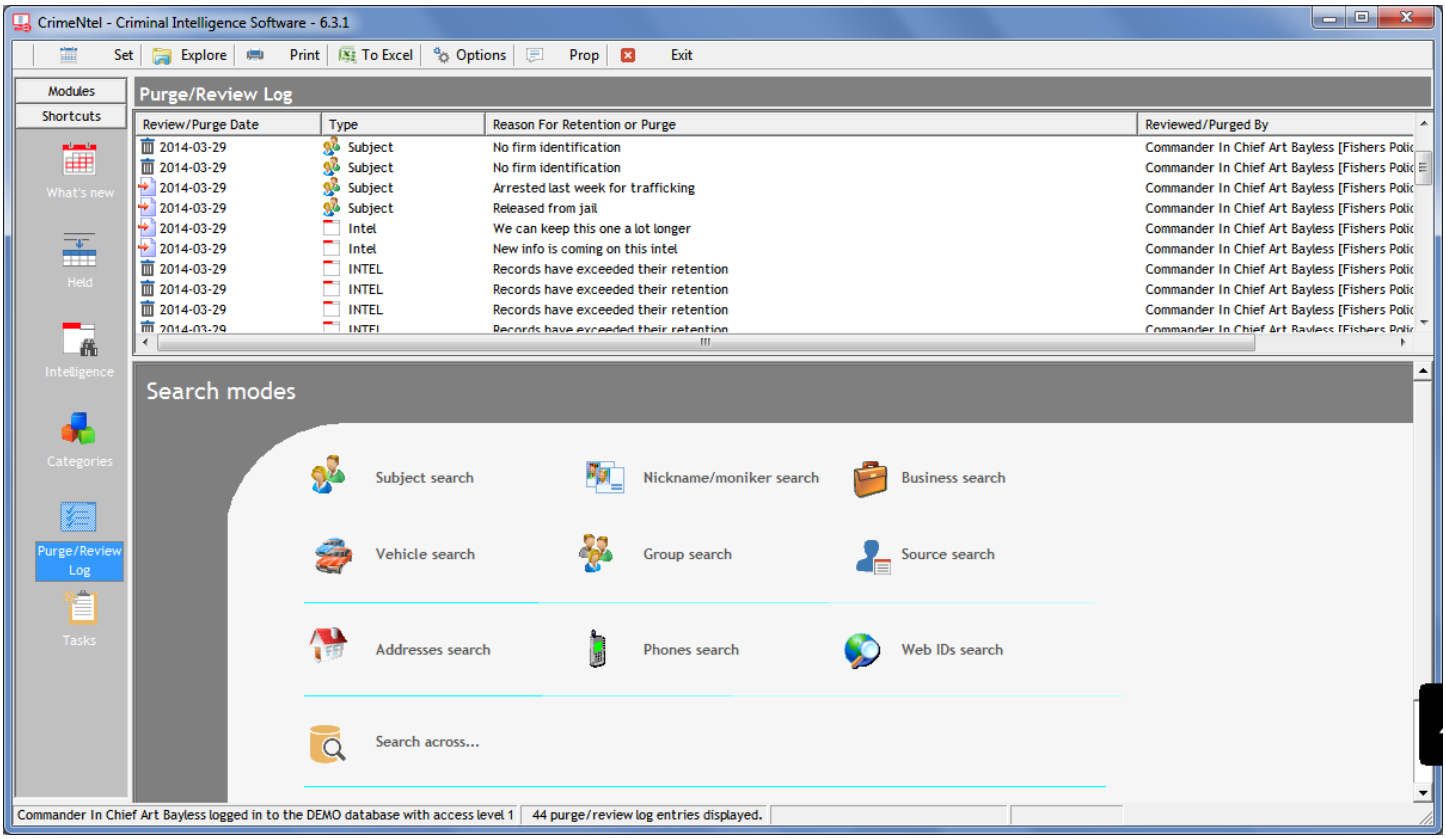
CrimeNtel Web and Windows applications support capture of information from a variety sources directly into CrimeNtel. The CrimeNtel holding bin feature means that new entries are quickly accessible for review and follow-up immediately upon completion of the entry.

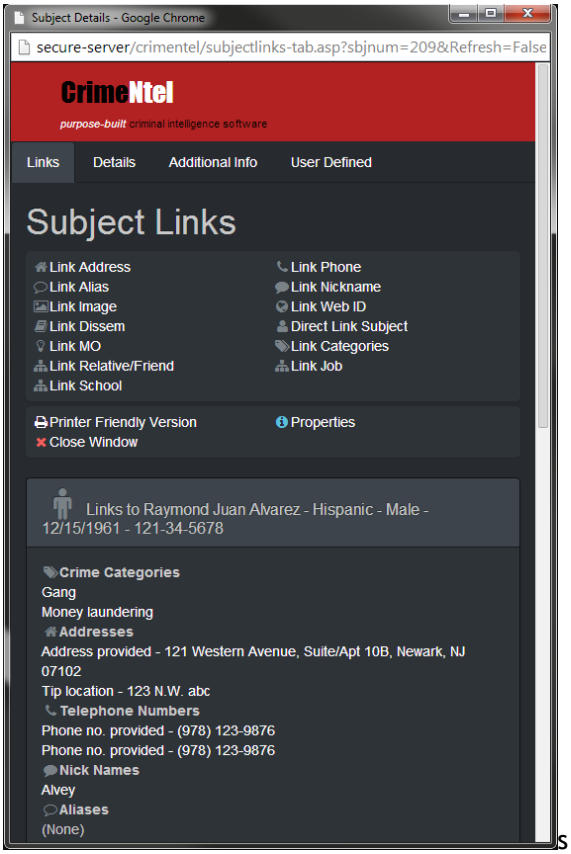
CrimeNtel is purpose-built to support criminal intelligence units, agencies and multi-jurisdictional criminal intelligence functions such as fusion centers.

CrimeNtel's design, with its focal point on the intelligence submission fits the criminal intelligence model in a variety of ways.

Primarily in that an intelligence submission documents reasonable suspicion of criminal conduct or activity on the part of its linked entities: subjects, groups, businesses, addresses or vehicles.

To be tracked in the system, all subjects, groups, businesses vehicles must have at least one intelligence submission, which documents the reasonable suspicion.





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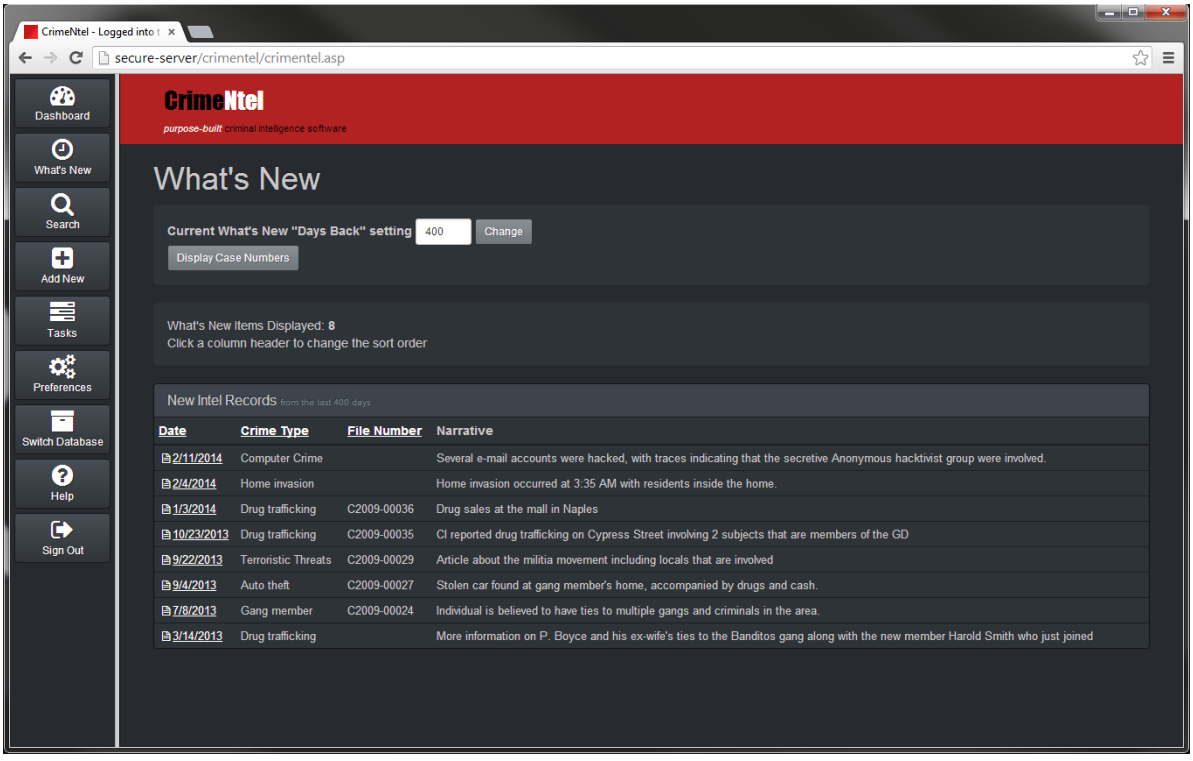


CrimeNtel supports the intelligence life-cycle with review, follow-up and retention management support features. These include:

- Initial review
- Holding bin for incoming entries pending review

- Follow-up management support
- Dissemination log including mandatory logging of dissemination where needed
- Retention review based on system-managed purge/review dates

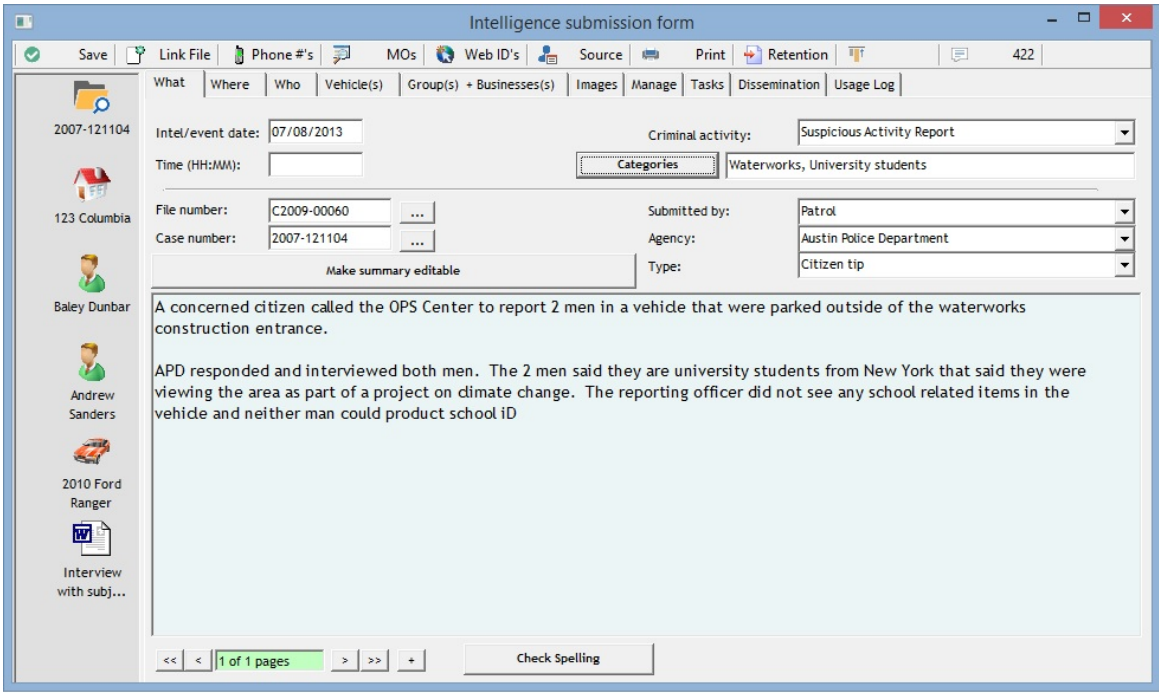
CrimeNtel has an array of features that support review and evaluation of incoming information, along with purge capability to remove information from the system that does not meet the above criteria

- Assigned reviewer, review date, and status indicator
- Assigned follow-up person, date and indicator
- Retention setting with automatic update of purge/review date based on additional submissions that support retention
- A configurable incoming submission "holding bin" for submissions to be retained in so they can be evaluated and classified prior to release into the system.
- Review of submissions and their linked records that are approaching or overdue in regard to their purge/ review dates

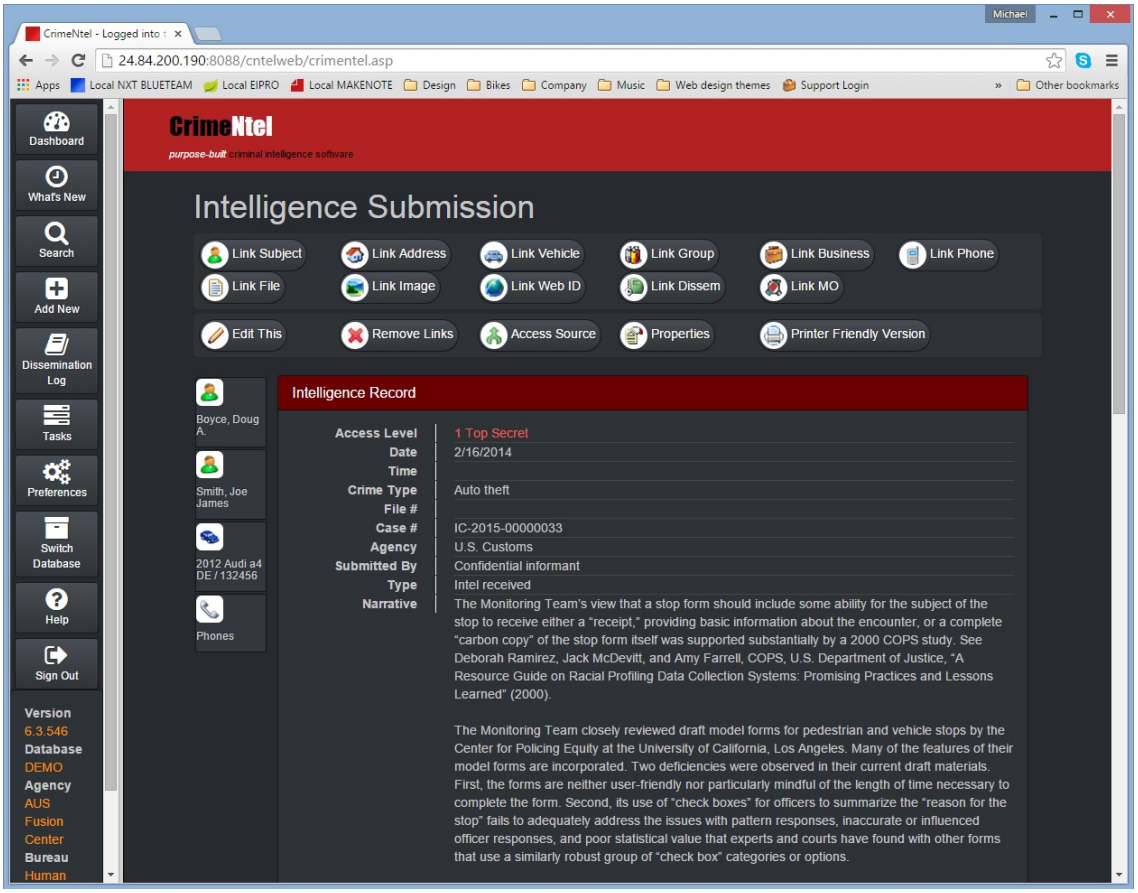
CrimeNtel's multi-jurisdictional features address those needs –

- Each user profile includes agency and contact information
- Each submission record includes agency and contact information with contributor information
- Each subject, group, business and vehicle record includes agency and contact information with contributor information

INTELLIGENCE SUBMISSIONS



CrimeNtel Windows Intelligence submission



CrimeNtel Web Intelligence submission

Intelligence submissions can include information including narrative and links files of any type – both supported by CrimeNtel.

Linked information supported in CrimeNtel that can relate to submissions of possible or past criminal activity include the ability to link one or more of the following -

- People and their aliases, nicknames, work history, etc.
- Vehicles
- Addresses
- Phone numbers
- Businesses
- Groups
- Email addresses
- Web site URLs

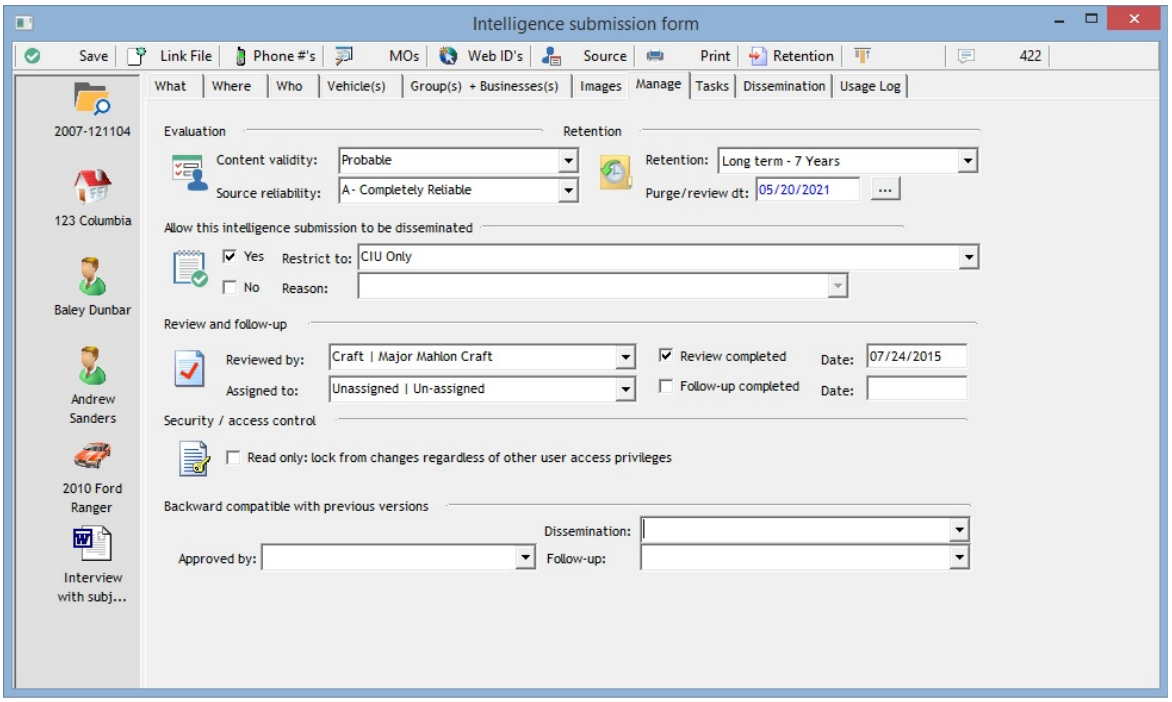
An important feature is that when the user enters any of the above entities, CrimeNtel will provide a heads-up alert, listing any pre-existing records in the system that are close or exact matches with the record being entered.

MULTIPLE INTELLIGENCE DATABASES AT ONE SITE IF DESIRED

A CrimeNtel site can configure and use more than one intelligence databases within the system if they so desire. This can enable the customer site to partition information based on discoverability and to reflect separate criminal activity being addressed by different units.

SUBMISSION MANAGEMENT

Support for review, follow-up and other aspects of the intelligence management life-cycle is offered.



CrimeNtel Windows Manage tab includes ability to assign intel submissions for review and follow-up

User can be assigned as reviewer of intelligence submissions. This setting will include the user in the pick-list of users that can be assigned as reviewer of intelligence submissions. This pick-list is found on the intelligence submission **Manage tab**.

User can be assigned as responsible for follow-up of intelligence submissions. This setting will include the user in the pick-list of users that can be assigned for following-up role for intelligence submissions. This pick-list is found on the intelligence submission **Manage tab**.

ACCESS AND SECURITY CONTROL

Core hierarchical screening

The core of CrimeNtel's security model is based on is multi-layered access level screening. This is hierarchical screening based on "need-to-know" concepts. With access level screening, highly sensitive intelligence and related records can be maintained in CrimeNtel and only be accessed by selected users.

Each user's access level is set by a menu on the second tab of the user's folder.

There are five access levels provided: 1 through 5 (you can ignore their descriptions – they are unimportant). Each user -- other than the administrator -- will have an access level. Every incident, citizen and officer record will have an access level as well. Some examples are…

A user with access level 1 will have access to all records in the system.

A user with access level 3 will have access to records at that level and below (i.e. levels 3, 4 and 5). Records at levels 1 and 2 will not exist as far as the level 3 user knows.

Level 5, of course, is the lowest level. Users with level 5 access can only access level 5 records.

Data change capability:

Read/write: This setting allows normal read/write as the default access to all records up to the user's access level

Read only for intelligence submissions not contributed by the user: As described, the user will have read-only access to intelligence submissions contributed by other users. The user will have read/write access to intelligence submissions contributed by them, and also on all other entity records.

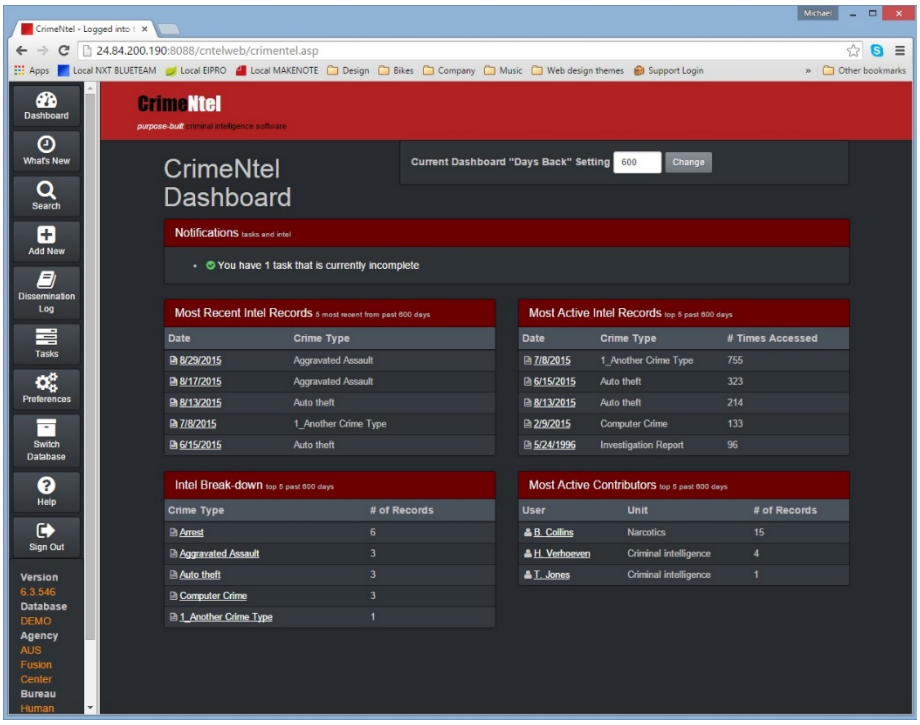
Read only: The user will be restricted to read only access on all entity records

Intelligence lockdown

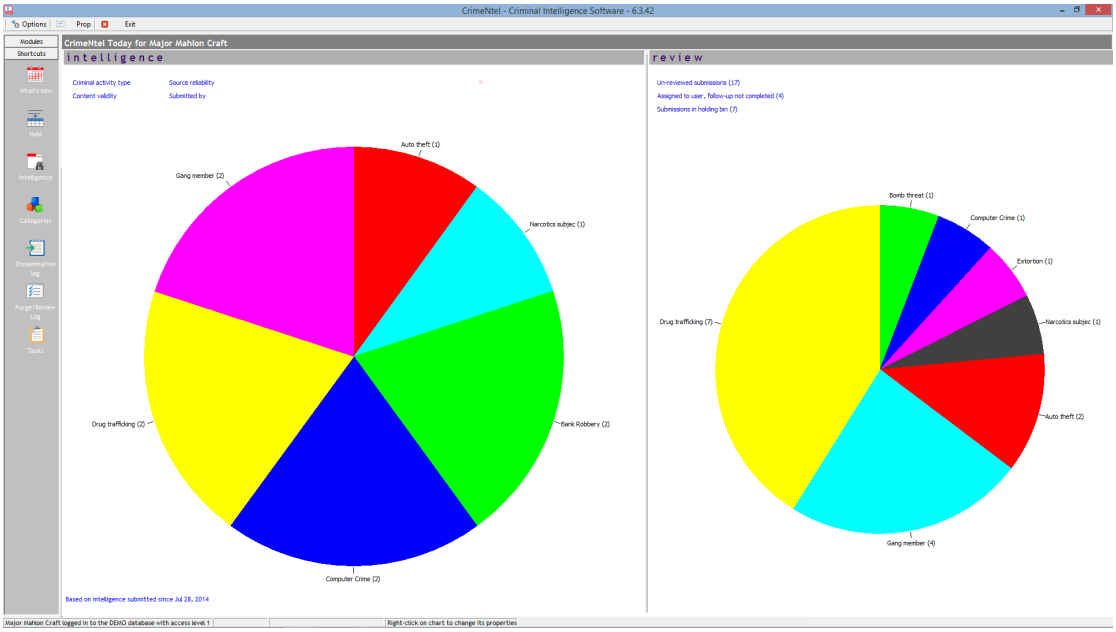
Allows the user to lock-down selected intelligence submissions in read-only format. Only users with this setting can un-lock read-only locked submissions.

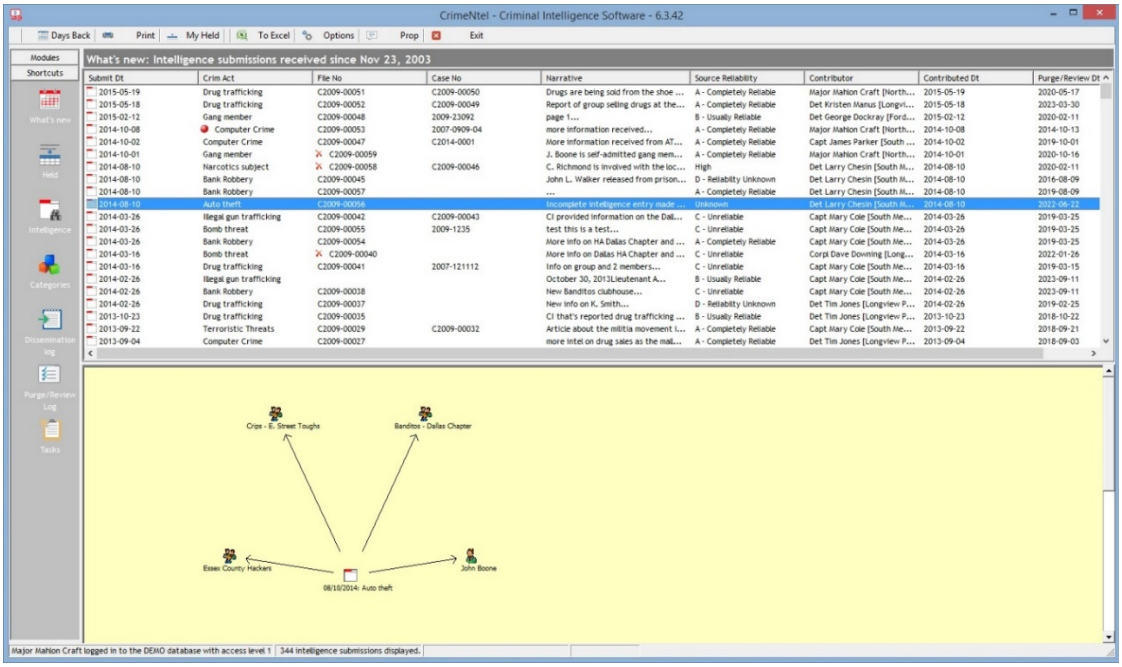
DASHBOARDS

CrimeNtel Windows and Web include dashboard and reminder interfaces to assist in SAR management.

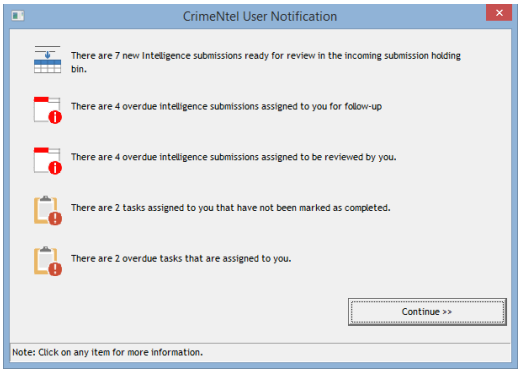


CrimeNtel Web Dashboard





CrimeNtel Windows Main Dashboard Interfaces (both screen shots above)



Reminders at login

PRICING, LICENSING AND ANNUAL MAINTENANCE

CRIMENTEL PRICING OPTION 1 –10 CONCURRENT USER LICENSING

Qty	Item	Price	Annual Maintenance
1	**CrimeNtel Windows 10 pack** - 10 concurrent user licenses - Can be installed on an unlimited number of workstations - Additional concurrent licenses can be purchased for $ 800.00 per license -	$ 30,000.00	$ 6,000.00
	IAPro & BlueTeam existing customer discount	**$ 5,000.00**	**$ 1,000.00**
	Discounted software licensing	**$ 25,000.00**	**$ 5,000.00**
3	Days Onsite Training - Includes all related travel costs	$ 2,400.00	N/A
1	**Migration of data from DPD Aciss System** - Work to be performed on-site - Data migration specialist is retired law enforcement and will comply with any background checks requested by the customer	$ 6,500.00	N/A
	Total	**$ 33,900.00**	**$ 5,000.00**

- Note: Annual maintenance is free the first year of product ownership and charged beginning the second year.
- The above pricing and related discounting embodied in this quote will remain in-effect through December 31, 2018.

TECHNICAL REQUIREMENTS

Database: MS SQLServer : any version, but 2008 r2 and newer recommended

Workstations: Any version of Windows – Version 7 or newer recommended

TRAINING

Training is conducted by a CrimeNtel training specialist. Each CrimeNtel training specialist is a current or former law enforcement with extensive investigative and intelligence experience.

CrimeNtel training is heavily oriented towards hands-on usage. To this end, a special "training" version of CrimeNtel is installed on each workstation used for training. This is a full-featured version of CrimeNtel with demo/training database installed on the workstation hard drive. It is strongly recommended that there be one trainee per training workstation.

ANNUAL MAINTENANCE

Annual maintenance includes:

- Technical support via phone and e-mail
- Access to the CrimeNtel secure customer support web site which includes installation utilities, discussion groups and manuals.
- Provision of all new releases of the CrimeNtel software, both major and interim.

The first year of annual maintenance is provided free of charge. Thereafter annual maintenance is provided on a year-to-year basis at the rate of 20% of the site license cost.

CRIMENTEL – STATEMENT OF WORK

PROPOSED STATEMENT OF WORK FOR CRIMENTEL PREPARED FOR DENVER DEPARTMENT OF POLICE BY: COREY CONNER, CI TECHNOLOGIES, INC.

SEPTEMBER 22, 2017

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Overview

CI Technologies normally install two or three agencies each month with CrimeNtel. A process has been developed that ensures a smooth implementation for all concerned:

Pending your department's confirmation of availability, our trainer will spend 3 days on-site at Denver Police Department and/or City computer equipped training facility with much of the time devoted to conducting a hands-on CrimeNtel training class. On the second and third days on-site, our trainer will assist the key CrimeNtel users in configuring CrimeNtel, including setting up users and their security/access privileges.

CI Technologies data migration specialist(s) will be on-site concurrent with the trainer in order to conduct data migration services, review migrated data with newly trained users and fine-tune migrated data based on their review.

We will work with the Denver Department of Police/City IT in advance of our trainer's arrival to get CrimeNtel installed for production use, as well as a separate "training version" of CrimeNtel for training use.

Project Notes

- Application being purchased and installed : CrimeNtel Windows Edition
- MS SQLServer 2008 r2 or newer is the preferred CrimeNtel database engine.
- A computer-equipped training room is the preferred facility to train in with each trainee having their own training computer.
- The production or training version of CrimeNtel will need to be installed on each training computer.
- The trainer will need an LCD projector for use during training.
- Please see notes related to data migration in section below

Schedule

At least 2 months before scheduled training date – Implementation planning call with CI Technologies staff, Denver PD IT and criminal intelligence staff

Completed on at least 5 weeks before scheduled training date – Provision of sample data extracts from system (ACISS) to be migrated to our Company's data migration specialist

Completed on at least 2 weeks before scheduled training date – Installation of server databases and production workstations. Ray Kelley will work via phone with a designated IT person to install CrimeNtel, so that when the trainer arrives to conduct training and system configuration, he can focus on those activities.

Prior to training –Your IT will install the live production database of CrimeNtel onto the training room workstations. Please note should be conducted prior to the trainer's arrival.

Training date (to be determined) – 3 days on-site training for CrimeNtel.

Contacts (As Of September 22, 2017, Will Be Updated):

Denver Department of Police Intelligence Unit:

Anthony Parisi, Sergeant

Denver Police Department

Intelligence Unit

720.913.6401 Desk Phone | 720.913.6018 Main Line

anthony.parisi@denvergov.org

Denver Department of Police Information Technology/IS

To be determined

CI Technologies Contact Persons:

Project management: Corey Conner cconner@ci-technologies.com

On-site training: Scott Gammon, Corey Conner, Paul Landolt

Installation Specialist:

Ray Kelley- Toll Free: 800.620.8504 ext 706 E-Mail: rkelley@ci-technologies.com

Steve Hull – Toll Free: 80.620.8504 ext 752 E-Mail: shull@ci-technologies.com

Data Migration Specialists:

Tim Conner – 978-855-3087 tconner@ci-technologies.com

Mark Gambardella - mgambardella@ci-technologies.com

Crimentel Installation

CrimeNtel installation typically takes place prior to the on-site training. Ray Kelley of CI Technologies will be responsible for working with you on database and desktop installation. Installation of CrimeNtel and SQLServer databases normally takes 2 or 3 hours at most.

Installation activities typically include:

- Adding 2 databases to a SQLServer or MSDE server and creating a login for use by the application.
- Creating a shared drive available to all CrimeNtel network users.
- Installation of CrimeNtel on each desktop workstation and creating the ODBC system data sources necessary.
- Advice on configuring database backup processes.

We prefer that the customer have their database server available and installed. Please note that SQLServer/MSDE must be installed in case insensitive mode and with authentication set for either Windows or SQLServer.

Special note regarding database and linked file backup: Backup of the CrimeNtel database and linked files is the responsibility of the customer. CI Technologies is glad to offer advice and assistance in this area, especially when the database platform is SQLServer. However, the customer is ultimately responsible for ensuring that their CrimeNtel data is fully backed up in a manner that will enable minimal or no loss of data in the event of loss of production data.

Training

Training days are typically 8 hours each day from 8:00 a.m. until 5:00 p.m. unless a modification to the time line is requested by the Denver Department of Police.

In addition to conducting training, our trainer will work with the key CrimeNtel users to configure that database for use: setting up the CrimeNtel users and their privileges, the user-defined organizational fields, etc.

We recommend that a computer training room be used for training (although it's not mandatory) instead of conducting training in the users' workplace location. Based on experience, we find that this approach minimizes interruptions and is much more conducive for training purposes.

The live production database of CrimeNtel is installed on each PC to be used by the trainees. The trainer will need an LCD projector for use during training. On the last day of CrimeNtel training the trainer will assist the users in populating their drop down fields and setting up user permissions.

Data migration

Services include migration of data from currently used ACISS system

Migration track/schedule –

Two months prior to training: Phone call with CI Technologies migration staff, key users of ACISS and DPD IT staff

6 – 8 weeks prior to training: provision of sample extracts

Data Migration Overview

CI Technologies, Inc. has expertise in migrating data from various data sources, and has completed well over 100+ data migrations for newly installed customers.

Once migrated, the host system(s) being replaced will be depreciated and generally used for inquiry purposes only. All data migrations are considered “one-time” events, in that a cut-off date is established as the final entry date into the system being replaced.

Once completed, CrimeNtel will contain the historical data migrated from these systems and all new entry would commence into the CrimeNtel system after completion of user training.

Data Migration Process

The on-site data conversion process generally takes one week to complete and will require the use of a dedicated workstation and software for the one week period. The setup of the workstation will be coordinated with your IT group and should be done at least two weeks prior to the on-site visit.

It is essential that table layouts and sample extracts of each table's data from the system to be migrated (ACISS) be provided our data migration specialists no later than 2 months prior to training. This will enable the preparation of data migration scripts in advance on the on-site work to be conducted.

The process of converting the data is performed using Microsoft SQL Server Management Studio (SQL Enterprise Manager for versions prior to SQL Server 2005). This software can either be loaded onto the dedicated workstation or accessed through a Remote Desktop session to the SQL Server. The workstation should also have access to a shared drive on the SQL Server, so that scripts, files and additional programs can be loaded to the server for use in the data conversion process.

The workstation will also be loaded with the CrimeNtel client software, as this will be needed to test the data conversion throughout the week. The software can be uninstalled after the data conversion is complete.

Data To Be Migrated

The ACISS data to be migrated, as identified by the Criminal Intelligence Unit, will need to be temporarily loaded to the CrimeNtel SQL Server on a shared drive or accessible from the CrimeNtel SQL Server.

This will allow for the import of data and files as needed in performing the conversion. The data should be copied to the server one week prior to implementation of CrimeNtel.

All data entry into the applications being converted will need to cease at this time. Entry will resume into the CrimeNtel system after the conversion and training process has been completed.

The files to be converted will need to be delivered in a format readable by the SQL Server import process (SSIS). This format will be discussed prior to the conversion as this will depend on the application that we will be converting from. Acceptable formats include SQL Server, MS Access, MS Excel, Flat File Delimited and other ODBC compliant file structures.

If the host system being replaced resides on an accessible data server, direct reads to this server would also be acceptable.

Critical Assumptions

- We will only convert and map those data fields that have a corresponding field within CrimeNtel.

- We will not be adding additional columns or tables within CrimeNtel to support additional data elements.

- Data items that do not map to existing data fields within CrimeNtel, will be placed into the Incident Narrative within CrimeNtel.

Considerations When Deciding To Migrate Data

In some cases, data being requested for data migration is determined to be of little use when migrated into CrimeNtel and in some cases may require a clean-up effort equal to that of manually back keying this data into CrimeNtel.

The benefit of manually back keying historical data that is not of good quality, is that an agency can immediately begin taking advantage of the analytical and statistical reporting tools of this keyed data.

In other words, the need to “clean up” the migrated data would be replaced by quality data entry of this historical data.

Consideration should be given to the quality of your data before deciding to migrate. We are glad to provide advice when determining if a data migration would be beneficial.

System requirements

- Listed on this page are requirements for running CrimeNtel at your agency.

Database server and Web server

- Windows Server 2008 R2, 2012, 2012 R2, 2016 Server (Supports VM Hosted Servers)

Database server information and database engines supported

- Microsoft SQL Server 2008R2, 2012, 2014, 2016
- Microsoft SQL Server Express 2008R2, 2012, 2014, 2016 (free from Microsoft, but a10GB Database limit)

Database server requirements

- SQL Server - The CrimeNtel databases does not require a separate server. They can be located on an existing SQL Server at your agency. Generally, CrimeNtel produces a relatively low load on the database server, especially since the number of concurrent users is usually quite low.
- SQL Server - Hardware requirements are dictated by Microsoft.
- SQL Server 2008R2/2012/2014/2016 Express - Requires Windows 2008, 2012,2016 Server

Memory/Space recommendations

- In terms of memory on the server, we recommend at least 4GB. In terms of drive space, we recommend at least 10GB of free space for the database. This space will be sufficient for at least five years' worth of data. The application also allows storage of linked documents, including Word docs, PDF docs, Excel file, photos, etc. We recommend at least 100GB of free space for these items.

CrimeNtel Web application requirements

- Microsoft IIS 7.5 or higher including IIS 10
- **Requires downloading and installing Rewrite Module v2 for IIS from Microsoft web site to handle additional URL security.** https://www.microsoft.com/en-us/download/details.aspx?id=47337
- Uses OBDC System DSN connections to connect with MS SQL Server engines

- On the client we support Microsoft IE 10+/Firefox 2+/Safari, Opera...other HTML compliant browsers also may work well with the application
- JavaScript and Cookies must be enabled
- No ActiveX or other proprietary technology is used
- ASP.NET 4.6 must be installed for SSL Secure File Storage to access the file share.
- ASP must be enable in IIS
- 4GB of RAM or higher recommended

CrimeNtel Mobile application requirements

- Microsoft IIS 7.5 or higher including IIS 10
- On the client we support Microsoft IE 6+/Firefox 2+/Safari, Opera...other HTML compliant browsers also may work well with the application
- JavaScript and Cookies must be enabled
- No ActiveX or other proprietary technology is used
- ASP.NET 2.0 or 3.5 installed this is a ASP.NET 2.0 application
- ASP.NET 4.6 must be installed for SSL Secure File Storage to assess to the file share.
- ASP.NET must be enable in IIS
- 4GB of RAM or higher recommended

CrimeNtel Windows's client application requirements

- All versions of Microsoft Windows from Windows XP to Windows 8.1 (32bit or 64bit)
- Minimum 1GB RAM Recommended
- Pentium-class processor
- At least 200MB of free drive space recommended

Perquisites for the File Storage Service Used by web client for linked files

- CrimeNtel Web Client 6.3.561 or later.
- The Web and Storage Service server must be Windows Server 2008 R2 or above.
- .NET 4.6 or above installed on Storage Service Servers.
- CrimeNtel Windows Client 6.3.52 or later and the Administrator Login Password.

Other requirements

- CrimeNtel uses a shared network folder to store digital images and/or MS Word documents. The shared folder can be hidden and should be locked-down using NTFS or Novell file security, allowing only CrimeNtel users access to this folder. Usually a security group is created in order to ease management over time.

- CrimeNtel accesses the shared folder either through a mapped drive letter or through a UNC file path.
- If using the web application in a DMZ, the shared folder can be created on the any server 2008 R2 or above behind the firewall with .NET 4.6 installed. This is for an https SSL connection using a file service which can be configured on any port thru the firewall to access the file share.

Backup recommendations

- Backups of the CrimeNtel database and linked image/Word files is the responsibility of the customer
- We recommend backing up the CrimeNtel database 3 times daily to the server's hard drive using built-in back-up utilities of SQL Server. These backup files should then be backed-up nightly to tape or some other off-line backup system

IAPRO

The Leading Police Integrity Software Worldwide

November 1, 2017

Denver Sheriff's Department

I have provided a cost for 3 years of annual maintenance for IAPro and BlueTeam products. IAPro and BlueTeam are currently being used by the Denver Sheriff's Department.

I have also added cost for annual maintenance on a data integration process for JMS data. The Denver Sheriff's Department has not gone forward with this project, so that the amount shown would only be payable once the JMS data integration process has been written and in production.

If you have any questions on this proposal, please let me know.

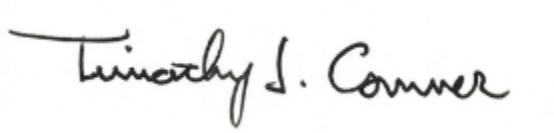
IAPro Price Quote

Item	Purchase costs
Annual Maintenance for period 4/30/17 – 4/29/18	
• IAPro	$ 5,400.00
• BlueTeam	$ 4,050.00
• Data Integration with JMS	$ 4,000.00
Annual Maintenance for period 4/30/18 – 4/29/19	
• IAPro	$ 5,400.00
• BlueTeam	$ 4,050.00
• Data Integration with JMS	$ 4,000.00
Annual Maintenance for period 4/30/19 – 4/29/20	
• IAPro	$ 5,400.00
• BlueTeam	$ 4,050.00
• Data Integration with JMS	$ 4,000.00
Total Three year annual maintenance cost	$ 40,350.00

Mailing Address: P.O. Box 534 • Townsend, MA 01469 • USA
Remit Address: P.O. Box 534 • Townsend, MA 01469 • USA
Toll Free: (800) 620-8504 Fax: 800.620.8504 Web: www.iapro.com
CI Technologies Inc. is the Sole Source Provider of the IAPro and BlueTeam Software

Annual maintenance includes all end user and technical support via our 800 # and our online support website as well as any associated technical or user documentation. Annual maintenance also includes all new versions of the IAPro and BlueTeam software.

Best Regards,



Timothy Conner
tconner@iapro.com
Off: 1.800.620.8504 x707

Proposal and Statement of Work

Prepared by Tim Conner, CI Technologies, Inc.

For the Denver Sheriff's Department

November 1, 2017

Mailing Address: P.O. Box 534 • Townsend, MA 01469 • USA
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Toll Free: (800) 620-8504 Fax: 800.620.8504 Web: www.iapro.com
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EIPro Overview

EIPro has been developed as a solution that will enable front-line supervisors and those in higher echelons to familiarize themselves with incidents those down their chain-of-command have been involved in.

These incidents could include incidents of all types such as: internal and external complaints, use-of-force, vehicle pursuit, employee involved accident, etc. The types of incident in our solution are configured by the customer, so there's no limit to the number of types there can be

At customer sites where incidents are sourced from external systems that information would also be accessible from EIPro.

Statement of Work -- Support for a more proactive approach

Month One- Conference call planning session with CI Technologies staff, Internal Affairs Staff, and IT Staff to plan implementation and remote training.

Month Two – Installation of EIPro application on existing server.

Month Two – Remote training and configuration assistance.

Training approach will be train-the-trainer.

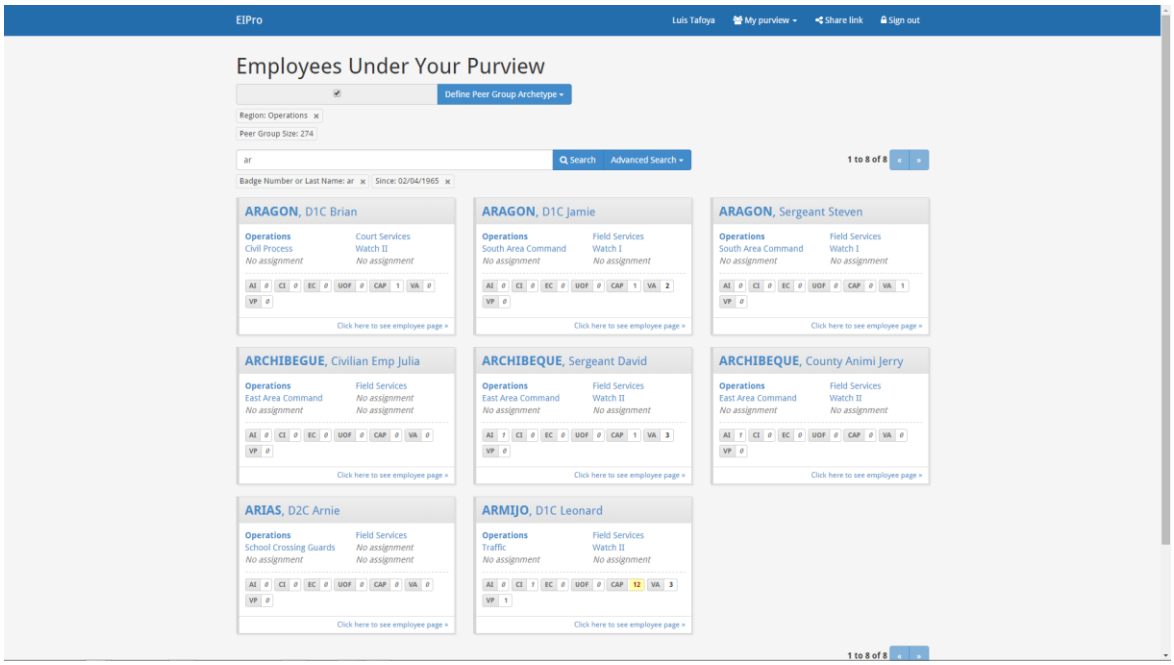
Estimated remote training & configuration time –

- Configuration assistance: 2 – 3 hours
- Training: 2 - 3 hours

Key Features

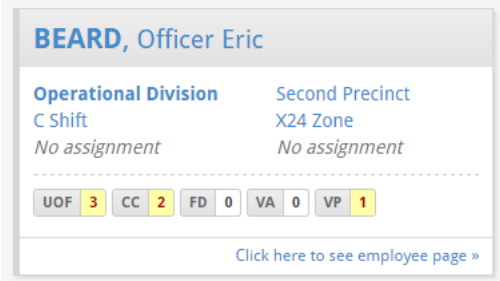
Real-time filtering

EIPro implements real-time filtering so that supervisory users are able to view the employees that are down their chain of command, or purview. An example is shown in the screen shot below:

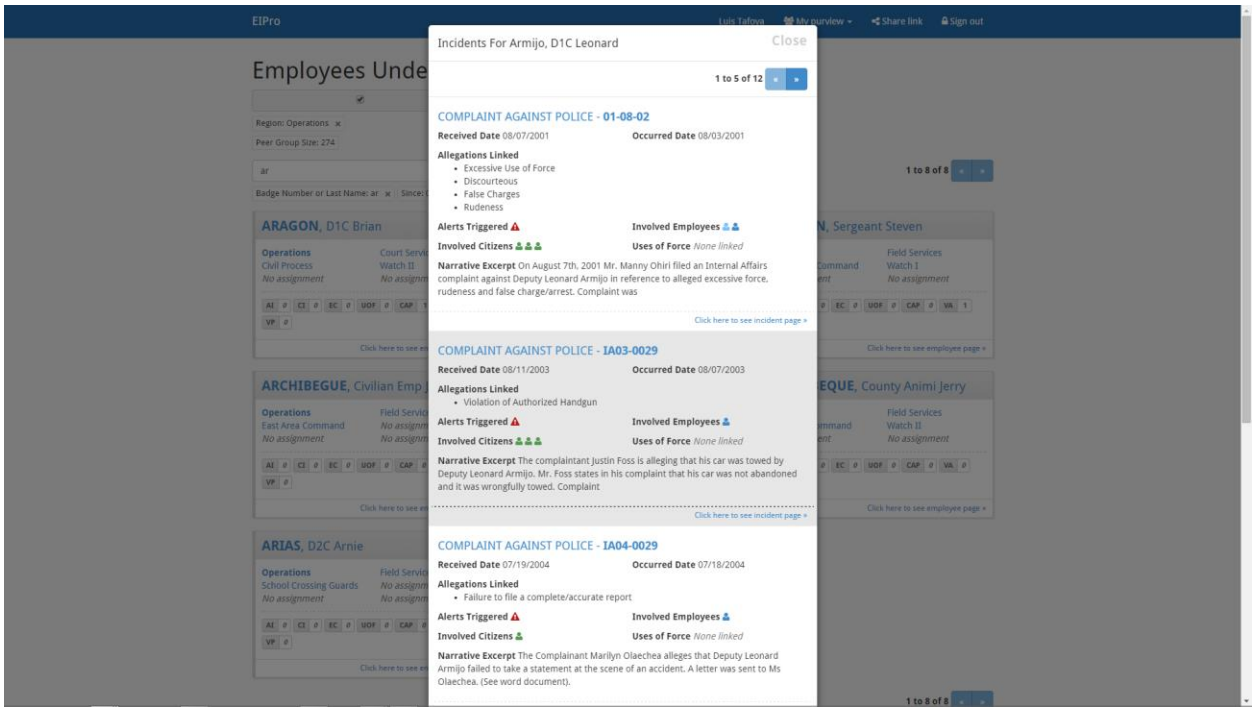


Peer-group analytics

EIPro functionality includes peer-group based analytics that are calculated across the organizational component – such as a detachment – being accessed. Outlier/out-of-standard information is displayed with a yellow coloring over the incident type. This is shown in the screen shot below, with incidents from left to right being: use-of-force (UOF), complaint against police (CC), firearms discharge (FD), Vehicle accident (VA) and vehicle pursuit (VP):

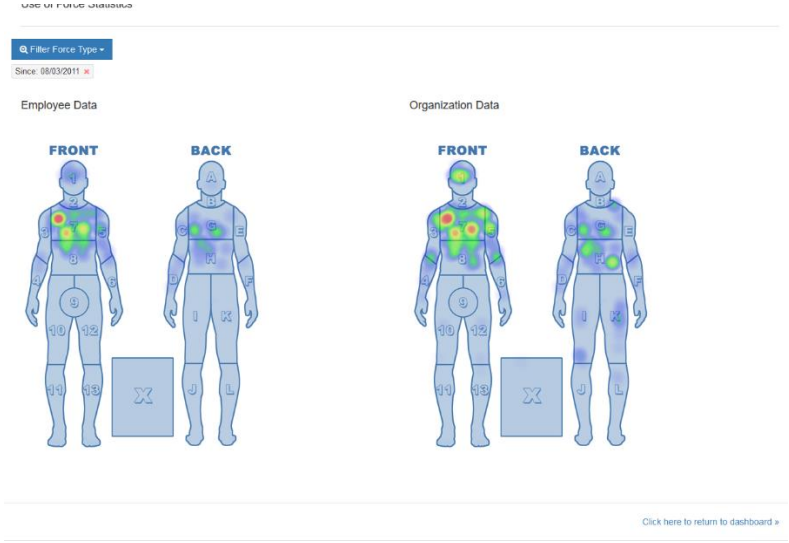


Clicking on an incident type in the employee record then displays those incidents in a modal window as shown in the screen shot below:


EIPro
Luis Tafoya
My purview
Share link
Sign out
Employees Unde
Region: Operations
Peer Group Size: 274
Badge Number or Last Name: ar
Since:
1 to 8 of 8
ARAGON, D1C Brian
Operations
Civil Process
No assignment
Court Servic
Watch II
No assignm
N, Sergeant Steven
Field Services
Watch I
No assignment
ARCHIBEGUE, Civilian Emp
Operations
East Area Command
No assignment
Field Servic
No assignm
EQUE, County Animi Jerry
Field Services
Watch II
No assignment
ARIAS, D2C Arnie
Operations
School Crossing Guards
No assignment
Field Servic
No assignm
Click here to see employee page »
Incidents For Armijo, D1C Leonard
Close
1 to 5 of 12
COMPLAINT AGAINST POLICE - 01-08-02
Received Date 08/07/2001
Occurred Date 08/03/2001
Allegations Linked
Excessive Use of Force
Discourteous
False Charges
Rudeness
Alerts Triggered
Involved Employees
Involved Citizens
Uses of Force None linked
Narrative Excerpt On August 7th, 2001 Mr. Manny Ohiri filed an Internal Affairs complaint against Deputy Leonard Armijo in reference to alleged excessive force, rudeness and false charge/arrest. Complaint was
Click here to see incident page »
COMPLAINT AGAINST POLICE - IA03-0029
Received Date 08/11/2003
Occurred Date 08/07/2003
Allegations Linked
Violation of Authorized Handgun
Alerts Triggered
Involved Employees
Involved Citizens
Uses of Force None linked
Narrative Excerpt The complaintant Justin Foss is alleging that his car was towed by Deputy Leonard Armijo. Mr. Foss states in his complaint that his car was not abandoned and it was wrongfully towed. Complaint
Click here to see incident page »
COMPLAINT AGAINST POLICE - IA04-0029
Received Date 07/19/2004
Occurred Date 07/18/2004
Allegations Linked
Failure to file a complete/accurate report
Alerts Triggered
Involved Employees
Involved Citizens
Uses of Force None linked
Narrative Excerpt The Complainant Marilyn Olaechea alleges that Deputy Leonard Armijo failed to take a statement at the scene of an accident. A letter was sent to Ms Olaechea. (See word document).

Version 2.0 Features

Version 2.0 introduces a wide range of additional reports, charts and analytics based on EIPro real-time filtered access.



Heat map based use of force contact point analytics

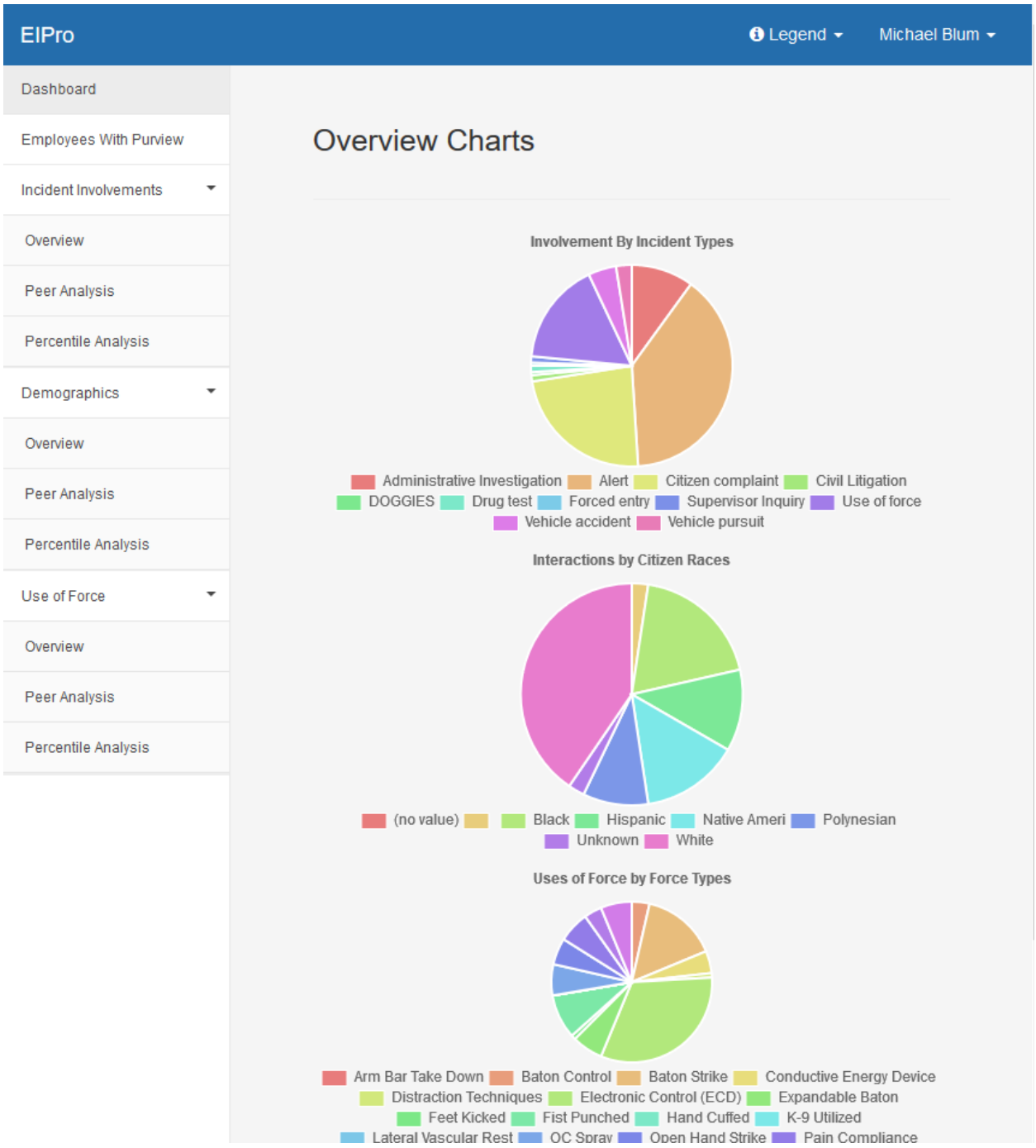
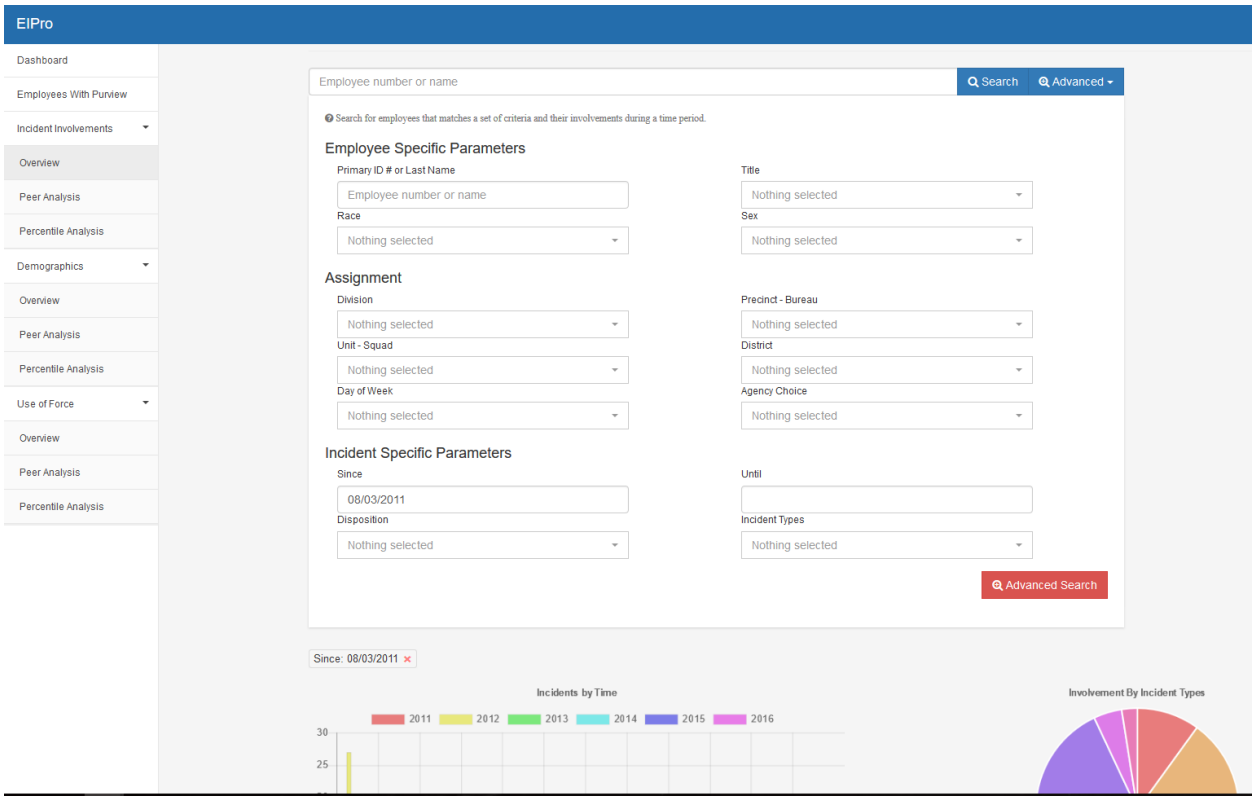
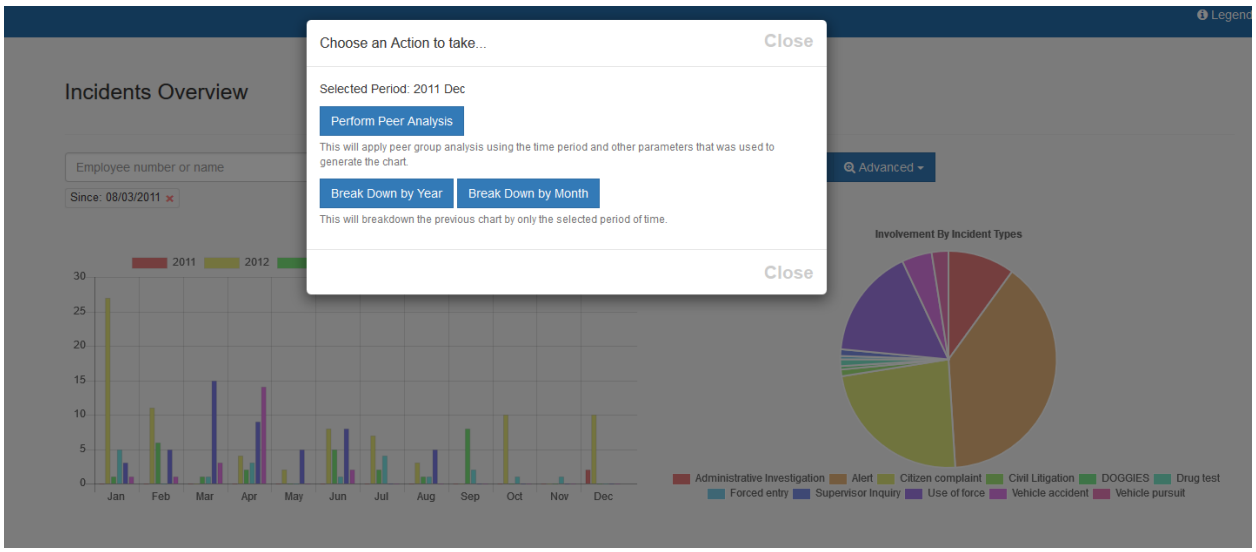


Chart based statistical analytics



Advanced search features



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Application and services costs

Pricing

Item	Initial purchase costs	Recurring annual subscription
EIPro Application Licensing – Annual Subscription model • **Unlimited-use Site License** • **Unlimited number of users** • **Unlimited number of workstations** • **Installation**	$ 12,500.00	$ 12,500.00
Training and system configuration • **Remote training session** • **2 to 6 hours – as necessary** • **Train-the-trainer**	$ Included	
Total licensing and services costs	**$ 12,500.00**	**$ 12,500.00**

Annual Maintenance

Annual maintenance is included as part of the annual subscription price. Annual maintenance includes all end user and technical support via our 800 # and our online support website as well as any associated technical or user documentation. Annual maintenance also includes all new versions of the EIPro software.

Hardware environment

The purchase of EIPro software does not include hardware, OS licensing or SQL Server licensing. Most agencies that purchase EIPro have an existing server with existing Microsoft SQL Server licensing. EIPro can be installed on your existing hardware and within your existing SQL Server instance.

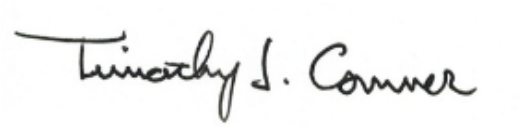
Purchase Orders

Purchase orders should be made out to: CI Technologies, Inc., PO Box 534, Townsend, MA 01469-0534

Training and installation are scheduled on a first-come-first-served basis.

For quickest response, please fax purchase order to 800.620.8504. Once received, you will be contacted for implementation scheduling.

Sincerely,



Timothy Conner

CI Technologies, Inc.
tconner@ci-technologies.com

IAPRO

The Leading Police Integrity Software Worldwide

November 1, 2017

Denver Sheriff's Department

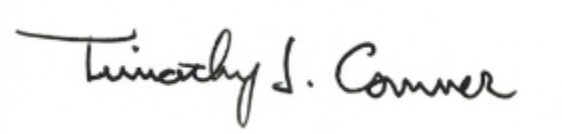
I have provided a rate for additional work that may be performed as part of Professional services. The services would need to be agreed upon by both the Denver Sheriff's Department and CI Technologies, Inc.

CI Technologies, Inc. would bill at a rate of $1400/day for time that we determine is project level and requiring additional services.

This additional cost would be communicated to the customer and agreed upon prior to billing out for this additional time and effort.

If you have any questions on this or the process itself, please let me know.

Best Regards,



Timothy Conner
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