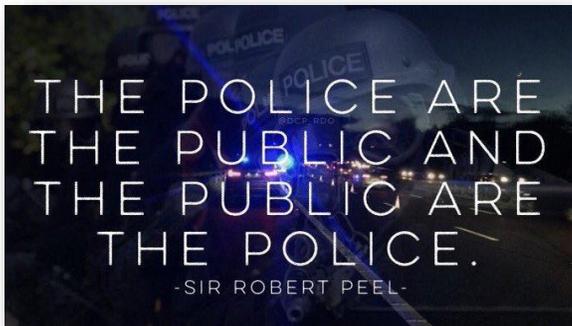# The Law Enforcement Communication Jungle Has Been Cleared
The Pioneers & Explorers Have Pure Real-Time Proven Street-Level Data Sharing

Exploration is a long and arduous process, no matter if you are Stanley looking for Dr. Livingston or Scott attempting to reach the South Pole. The preplanning, expertise and cost are massive. Success is never ever guaranteed as Captain Robert Falcon **Scott**, CVO, RN, and his team found out with their dreadful demise.

There are many explorers who fail and then there those with their expertise, who succeed.

Perceptive Intelligence is such an avid explorer who took their street knowledge and converted into the void of security and communications for law enforcement, the '*boots on the ground*' by creating change in the daily regimen of policing.

THE POLICE ARE THE PUBLIC AND THE PUBLIC ARE THE POLICE.
-SIR ROBERT PEEL-

Since 1829, when Sir Robert Peel invented policing and left us with his **Nine Peelian Principles**, which still today are recognized by those professional police officers in the like of former Los Angeles and New York City Commissioner Bill Bratton, as the building blocks of policing, even today. Peel is Bratton's hero and often refers in public to his hero, Sir Robert Peel, a 19th century Englishman who espoused a community-oriented policing philosophy.

Since the bombings by the IRA and ISIS terrorist's groups in the U.K and in the U.S. with the attacks on the World Trade Center in 1993 and 2001, law enforcement has coined the phrase '**See Something, Say Something**'. Wanting the public to assist in spreading known information to protect us all.

Why then do you not take a leaf out of that statement and share information with each other?

Cross-border and agency information is not shared in real-time or with any connected officer with ongoing incidents or crimes. It is confusing why this information that is so vital for officer safety and the ability in a timely and cost-effective manner lays hidden in disconnected data silos collecting dust until someone enacts '*Go Fish*'! **Real-Time** is necessary and saves agencies monies which they can ill-afford to waste with increasing depilated budgets.

Milestones in Policing:

- **Wireless Telegraph** - The technology of Guglielmo Marconi had been introduced to the world around 13 years prior. This machine was capable of transmitting Morse code messages over radio waves. On July 24, four days into the liner's transatlantic voyage, Captain Kendall telegraphed the following message to the White Star shipping office in London:
  Have strong suspicions that Crippen—London cellar murderer and accomplice—are amongst saloon passengers. Moustache took off. Growing beard. Accomplice dressed as a boy. Voice manner and build undoubtedly a girl.

- **Fingerprints** - The use of fingerprints began at the St. Louis Police Department. They were assisted by a Sergeant from Scotland Yard who had been on duty at the St. Louis World's Fair Exposition guarding the British Display. Sometime after the St. Louis World's Fair, the International Association of Chiefs of Police (IACP) created America's first national fingerprint repository, called the National Bureau of Criminal Identification.

In 1924, an act of Congress established the Identification Division of the FBI. The IACP's National Bureau of Criminal Identification and the US Justice Department's Bureau of Criminal Identification consolidated to form the nucleus of the FBI fingerprint files. During the decades since, the FBI's fingerprint national fingerprint support (both through Criminal Justice Information Services and the FBI Laboratory) has been indispensable in supporting American law enforcement.

- **Crime Lab** - The Los Angeles Police Department founded the first crime laboratory in the United States (1923), followed by the Bureau of Investigation (1926), the forerunner to the Federal Bureau of Investigation.

- The introduction of the two-way radio and the widespread use of the automobile in the 1930s multiplied police productivity in responding to incidents.

- **Intelligence Collation Index Cards** - Sophistication in the use of police information and intelligence has been steadily increasing over the last half-century. Police information systems which were formerly based on the collation of index cards managed by a librarian have evolved with information technology.

- **DNA** - The modern process of DNA profiling was developed in 1984 by British geneticist Sir Alec Jeffreys while working in the Department of Genetics at the University of Leicester. It first made its way into the courts in **1986**, when police in England asked molecular biologist Alec Jeffreys, who had begun investigating the use of DNA for forensics, to use DNA to verify the confession of a 17-year-old boy in two rape-murders in the English Midlands (UK).

- **LENSS (Law Enforcement Network Sharing Solution)** from inception five years ago (2013) to three years in the field being used continuously across the State of Louisiana every single day solving crimes and protecting officer and communities.

  Simplistically, **LENSS** is a one screen dashboard on any device, laptop, Smartphone, tablet or Desktop which is a query-based system. No matter what device, laptop, Smartphone, Tablet or Desktop.

Let us introduce you to this milestone extraordinaire:

The Digital Virtual Reality of Shared Information Delivery

Globally, all law enforcement has their methods and systems to check who a person is, their possible criminal record or a vehicle's registration and ownership. This is all static information sitting in various databases and is not accessible with just a one-time entry. It is not giving a *'real-time'* picture of who they are stopping and interacting with.

Police officers, especially those that are frontline, street cops, traffic units, warrant service officers, and detectives are blindsided every single day confronting individuals by not having the full facts at their fingertips. Their lives are on the line, the safety of these officers is tantamount to policing and public interaction for success.

The Shared Information Revolution of Law Enforcement has arrived, proven and available to all global law enforcement agencies.

In the USA, NCIC, which is used for criminal backgrounds is now fifty-one years old and like DMV database is static information stored in a dusty data silo. It tells you nothing of what the individual's interaction with law enforcement has been previously or the what the facts are about the participation of the said vehicle and what it has been involved in.

The U.K. is slightly different, but with similar issues. Vehicles stopped use PNC for information and then if need be a secondary query to CRIMINT (Intelligence Information). When a person is checked, it is two-fold again in querying, using CRIMINT and Border/Immigration data. This is also static information and not current with other interviews/stops or investigations.

LENSS works across the board, no matter what part of public safety. It is the proprietary/patented ability to securely share information, which uses your current databases plus all current thread information.

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	Community Policing		Traffic Stops		Traffic Accidents
	DUI Checkpoints		LPR		Stop & Frisk
	Gang Investigations		Calls for Service		Drug Investigations
	Loss Prevention		Border patrol		Immigration/Customs
	Pedophile Groups		Human Trafficking		Slavery
	CCTV Reports		Facial Recognition		Currency Recording
	Terrorism		SWAT		Warrant Service

All information gathered through any of those situations is totally shareable instantaneously with those who have a connection across borders and agencies via email and SMS text. Bringing them directly into the capability to solve right there and then.

As the report or citation is written and completed with all checkboxes marked, the officer makes simple notes with the expansion of relevant information on the stop or citation issuance. This is likened to an **Electronic Index Card of Perpetual Information**. Should this match other information already in the system, all other individuals will be alerted via email and or SMS text. This information has now instantaneously been sent to all others that are now alerted. It can include back-up or a specialist unit response.
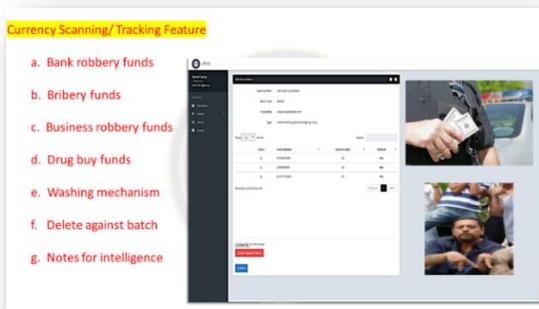
In the event of an officer being sent for a call for service, for a loud noise complaint, he or she can enter the address of the location and know what other concerns or calls have occurred with individuals residing there. This is expanding officer safety with up-to-date information via **LENSS**.

In addition, **LENSS Currency Tracking Machines**, and why the **LENSS** (*Law Enforcement Networking Sharing Solution*) has a currency tracking module that not only counts currency, notates the denomination and records the serial numbers, produces a printed list and places the collected data in a national database for access by all who have administrative access via a laptop or Smartphone in the field. Yes, to all officers who when stopping a suspect who has suspicious funds or is a known drug dealer or currency mule can run their currency serial numbers in real-time for comparison.

If matched, the system not only shows the officer the thread of information to review, it also informs all officers and department agencies who are involved that a comparison has been made. ***This is instantaneous via SMS Text and or Email.***

This alone is a massive change in knowing the currency on the streets. Seized, confiscated or suspect currency can now be recorded in mere seconds, allowing for all officers to have this information instantaneously, with ease to query the monies or currency at a traffic stop or a planned raid where known monies will be.

Currency Scanning/ Tracking Feature

a. Bank robbery funds

b. Bribery funds

c. Business robbery funds

d. Drug buy funds

e. Washing mechanism

f. Delete against batch

g. Notes for intelligence

LENSS Currency Tracking Machines are housed within various agencies/departments/Banks for ease of scanning seized or checking currency and logging for all to have access securely and query.

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Today, cross-border crime information sharing was non-existent until now! Yes, proactive police department tools that are agnostic to what devices it can be used on.

It is important to show why this is so significant. Let us use one agency that we all know of and heard of, the London Metropolitan Police. Like all agencies, they have communications via radio, mobile phone, and laptop computer. Each time an incident occurs, the information is received via 999 or from another officer, this goes through a dispatch system and is the same as used by all global agencies. Once the officer or officers are dispatched, they now require intelligence or Intel, this is garnered not from dispatch but by a separate support channel. Yes, another connection is required, they will supply intel to the officers, not always in a timely fashion which leaves those responding basically open for issues once arriving at the scene or incident.

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This will not occur when using **LENSS** (*Law Enforcement Network Sharing Solution*), through all of the connection via RMS & CAD using local and national crime data, which has been filed and securely accessible by all, you now know all about the individuals, locations, and connections. These index cards are simply '*Subject Packets*' containing the major thread of all filed information with officer's notes which are totally searchable.

LENSS is a Law Enforcement Networking System

LENSS facilitates real time communication as officers are engaging criminal activity
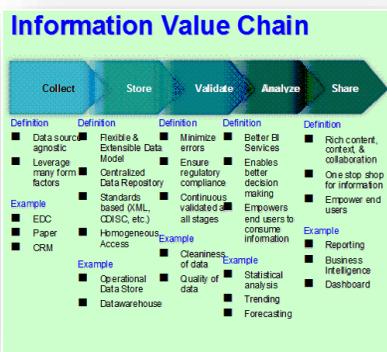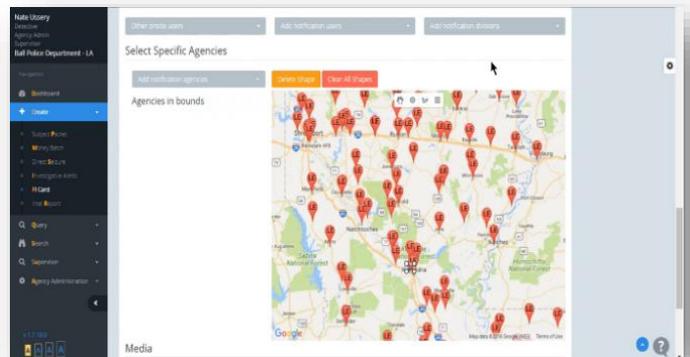
LENSS enables data driven decisions

LENSS enhances officer safety and public safety

LENSS engages the patrol officer

Through **LENSS**, previous officers who filed information on the individual or with a situation match, they too are informed by SMS text and email. There is now so much background on the incident and its connections, all are fully up to speed without having to use any other person or support channel system. The previous officers can communicate if need be by mobile phone for confirmation. This is protecting the responding officers that are so necessary for today.

Shared Indexed Information via 'Subject Packets' Is More Than the Key!

Firstly, what is a '**Subject Packet**'? it is a digital means to collate all information regarding individuals of interest, arrestees, incidents, traffic stops, Field Interview Reports, Stop & Frisk Information etc. This is then digitally sharable instantaneously with others who have collectively filed individual reports that match information/data within the existing filed indexed information.

Sharing is a **cross-border protocol**, meaning all, even globally if administratively required.

Information or the storing of information, has always been an issue. In policing we *live or die* on facts, facts that have been written down at the time of the incident or arrest and then being able to refer to them for the completion of the case. Most times, they are filed away and will never see the light of day until someone *goes fishing*, which takes time and draws frustration. This is so negative to not allow this information availability to others, it will save lives and protect officers who now know who they are speaking with, their background and real name. So much more than is available in the majority of agencies today.

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Where have we gone wrong? Placing information in silos and not allowing others to see vital information is nonsensical, *is it not?* It hampers the solving of the crime and is costing an inordinate amount of the depleted budget, which you can ill afford!

Perceptive Intelligence is not an outside enterprise that does not have previous and up-to-date working knowledge of global policing. Our ability to look in from the outside with logical business practices, fully understanding the inner workings of law enforcement agencies is second to none. Our team in the majority are former law enforcement personnel, working in street crime, narcotics, gangs, fraud, counter-terrorism with major agencies globally, and the FBI.

The challenges have been exacerbated by budget reductions at a time they are desperately needed and spent wisely. Proactivity is so necessary and will be achieved with valuable collected data/information being made available, securely to officers, right to the palm of their hand, either their Smartphone, Tablet or Laptop computer.

LENSS is a proven milestone success which is affordable and installable without time constraints. This is the *law enforcement revolution* you have been seeking. Have your law enforcement agency speak with us and request a digital demonstration.

If you wish a full Digital Policing Symposium for you and your surrounding agencies, let's do it!

LENSS is the Change...

WE ARE IN THE NOW & KEEP YOU; IN THE KNOW...

R's

Nicholas Ashton
Strategic Development

THE FACES OF CHANGE
LOGIC PERSONIFIED
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