MULTI-STATE ANTI-TERRORISM INFORMATION EXCHANGE

"Where risks appear immediately, law enforcement must respond instantly"

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MULTI-STATE ANTI-TI

The MATRIX Project has three primary objectives:

1. **Use Factual Data Analysis™ and data integration technology to greatly improve the usefulness of existing law enforcement data systems.**

2. **Provide a mechanism for states to become nodes on the RISS secure intranet (riss.net) for electronic information exchange among participating agencies.**

3. **Encourage the exchange of information via secure state Web sites.**

In the wake of September 11, and at the invitation of Seisint, a law enforcement working group was formed comprising members of the Florida Department of Law Enforcement (FDLE), the U.S. Attorney's Office (USAO), the Federal Bureau of Investigation (FBI), the United States Secret Service (USSS), and the Immigration and Naturalization Service (INS). This working group formed a unique partnership between the multiple federal and state law enforcement agencies and private industry during a time of national crisis. The cooperative effort brought together decades of real-world law enforcement experience and world renowned information technology experts for a common goal — our collective security. The unique insight created by experience and technology, coupled with the resources provided by private industry, allowed law enforcement to validate the premise of Factual Data Analysis™: *When enough seemingly insignificant data is analyzed against billions of data elements, the invisible becomes visible.*

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The Office of Justice Programs, U.S. Department of Justice, initiated funding for a pilot, proof-of-concept project titled the Multi-state Anti-Terrorism Information Exchange (MATRIX). The MATRIX pilot project was initiated in response to the increased need for timely information sharing and exchange of terrorist-related information among members of the law enforcement community around the nation. The MATRIX project leverages and integrates existing and proven technology to provide a new capability to assist law enforcement in identifying and analyzing terrorist and other criminal activity. MATRIX then enables the information to be appropriately disseminated to law enforcement agencies nationwide in a secure, efficient, and timely manner.

The cornerstone of the MATRIX pilot is the use of Factual Data Analysis™ through a powerful system known as the FACTUAL ANALYSIS CRIMINAL THREAT SOLUTIONS - "FACTS™."

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RORISM INFORMATION eXCHANGE

... the vast majority (74%) of the abducted children who are murdered are dead within three hours of the abduction.

FACTS for MATRIX, a unique and innovative investigative toolset, solves critical problems by enabling law enforcement to take incomplete witness accounts and develop leads in seconds, versus manually intensive efforts traditionally requiring days, weeks or months. With FACTS, law enforcement can now instantly and easily search billions of dynamically combined records from disparate datasets with a single query, returning *immediate* results in easy-to-view and meaningful formats.

When a child is kidnapped, a murder is committed, or an act of terrorism occurs, law enforcement likely has few immediate details, yet must respond instantly. A Department of Justice study shows that 74% of the abducted children who are murdered are dead within three hours of the abduction. Individual witnesses may be able to describe a fleeing car, a partial license plate, a description of a suspicious person, or other limited information. Unfortunately, current law enforcement technology does not have the capability to effectively use the reported information to produce investigative results within the critical window to respond. As a result, tragedies occur, cases remain unsolved, and significant investigative resources are expended unnecessarily.

A FACTS query is the equivalent of searching a room full of file cabinets containing 10.8 billion index cards in no particular order, with each card containing 2,100 characters of text. FACTS delivers on this Factual Data Analysis™ promise: *When enough seemingly insignificant data is analyzed against billions of data elements, the invisible becomes visible.* To provide perspective on this data challenge, it is helpful to illustrate the challenge in the context of a real world example.

Law enforcement has three hours to find this five-year-old girl before the missing child report likely becomes a murder investigation. This is a search for the proverbial needle in the haystack — except the haystack is on fire.

The objective is to compile a photo lineup of likely suspects for review by the witness within the narrow window to respond.

This requires a high-speed search to assemble the drivers' license photos of all persons matching the partial description of the subject **AND** who own a vehicle matching the witness account **AND** who have a criminal past that involves child sex crimes regardless of jurisdiction **AND** who today live or have ever lived within 30 miles of the Los Angeles abduction scene.

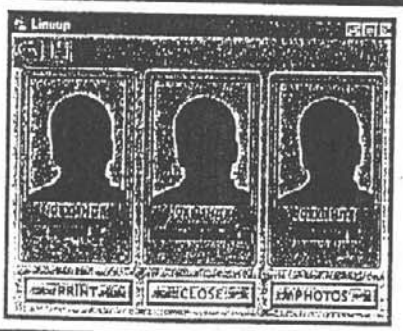
WHEN A CHILD IS ABDUCTED...

A five-year-old girl was reportedly abducted at 123 Any Street in Los Angeles, CA. A witness account provided the following incomplete description of the vehicle and the abductor.

The Vehicle:	Type:	"Pickup"
	Make:	"Ford"
	Model:	"Did not know"
	Color:	"Dark color"
	Year:	"Newer"
	License Plate Number:	"Saw a 'T' somewhere in the plate"
	State:	"It was not a California license plate"
The Subject:	Race:	"White"
	Hair color:	"Looked dark brown or black "
	Height:	"Between 5' 11" and 6' 2"
	Weight:	"180 – 200 lbs"

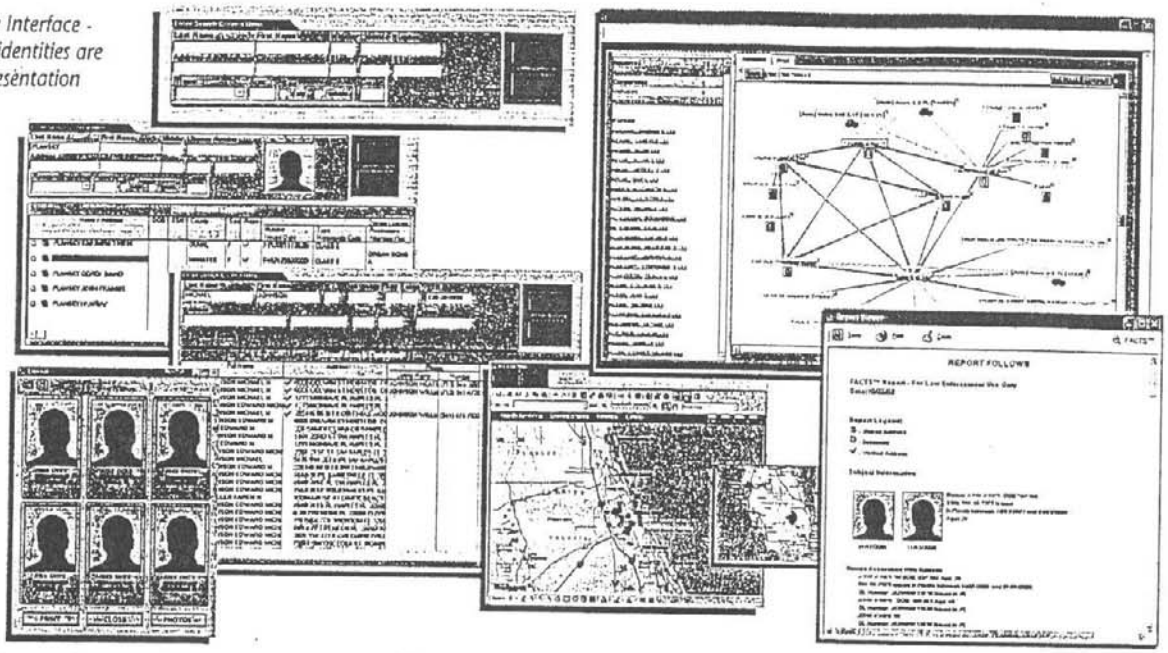
Note: This illustration does not depict an actual case.

...FACTS DELIVERS THE PHOTO LINE-UP IN SECONDS



Note: Subjects' identities are obscured for presentation purposes only.

The easy-to-use Interface - Note: Subjects' identities are obscured for presentation purposes only.



Using FACTS for MATRIX, law enforcement has exactly the same access to the same data for the same reasons as they had prior to its invention... only faster. The result is a safer community.

DATA SECURITY

Information submitted by a state may only be disseminated in accordance with the license rights placed on it by the submitting state. **Information will be made available only to law enforcement agencies, and on a need-to-know basis.** Data access permissions will be conditioned on the privileges of the user making the inquiry.

PRIVACY CONCERNS

FACTS' powerful capabilities raise privacy concerns not unlike the initial computerization of government files, such as vehicle registrations and drivers licenses, from their index card origins. The privacy concerns at that time included questions such as what data was included and why, under what circumstances can it be accessed and by whom. Indeed, these are the questions now being asked about the MATRIX program. Not surprisingly, the answers are the same. *Using FACTS, law enforcement has exactly the same access to the same data for the same reasons as they had prior to its invention...* only faster. The result is a safer community.

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