

Recommendation for Visitor Screening System

Two products were evaluated on Friday, March 31, 2017, SISCO Fast Pass and Raptor. The team who evaluated the products consisted of 4 police officers, 2 of whom were SRO officers, 5 front end users from HS, west, Central, and FSU, and one principal.

There was an evaluation sheet that was used (See page 2) to objectively consider the strengths and weaknesses of each product.

After careful review and discussion, the team overwhelmingly choose the Fast Pass system. Here is a breakdown of the safety features that Fast Pass offers that Raptor does not:

1. The ability to host the site locally allowing all schools to share information
2. Customization to create groups of SAFE members locally or across the system to allow for notifications and alerts to be received. For example:
 - a. Group 1 – Principals and SRO – in the event of a lock down at any of the campuses this group can be notified by email, text.
 - b. Group 2 – local SRO and administration in the event that a visitor is denied or flagged at entry
3. Custom reports to monitor analytics of visitors entering/exiting campus
4. Ability to capture image of visitor one time at initial entry that can be uploaded and shared among all campuses
5. SBBC badge recognition of employees at SBBC
6. Student bar code recognition for tardy students
7. Independent station where parents can log in and a badge is generated at front desk. It will also scan and log parent out.
8. Front end users can put alerts (custody, do not allow on campus) that can be shared among all campuses
9. More efficient tracking of student volunteers using ID bar code
10. Company is local – will provide live training for users

Evaluator _____

Name of Vendor _____

Date: _____

	1 Poor	2	3	4 Exceptional
1. General Functionality & Ease of use				
Notes:				
2. Background Search engines used (sex offender)				
Notes				
3. Customization & Reporting features i.e. volunteer hours				
Notes				
4. Alerts & Notifications features. School, PD, school system (lockdown, custody alert)				
Notes:				
5. Connectivity with all campuses as a system for alerts, lockdown, notifications				
Notes:				
6. Support and Training.				
Notes:				
7. Renewal Costs or additional costs				
Notes:				

Overview of the differences between FAST-PASS® and V-Soft Raptorware

FAST-PASS®

Structure

Client Server –

- Stand alone or networked
- Added security of middle tier SISCO socket server
- In a networked deployment only intranet connectivity required

Networked District–shared information

- Register at one school and be a return visitor to all schools
- Deny entry at one school and immediately person is a deny at all schools
- District Wide Reporting
- District wide volunteer control and reporting

Data Collection – Visitor Photo

Visual identification of a visitor includes a current photo seamlessly captured within the registration process. The concept is to create an electronic snapshot of the visit, including the date of the visit, the person seen, the location, the group type and a current image of the visitor that day. In our experience a driver's license photo could be 10 or 15 years old. While it may be more flattering to show a photo of the person when they were much younger, from a security standpoint it does not make sense.

Data Collection - ID

DCM/2 reads one of two pieces of technology with specific definitions i.e. magnetic strip or 2D Barcode (PDF417). The states, when formatting their IDs, all adhere to the given definition for these technologies allowing the DCM/2 to read the ID correctly.

•Both of these technologies utilize error detection and error correction features. The DCM/2 and the proprietary parsing software are tested with 2700 different actual licenses to verify the process prior to release.

•The DCM/2 only has two responses after a read, on a good read parses the data correctly or on a bad read it displays a "Bad Read" dialogue box. The device will always parse a good read accurately 100% of the time.

•As an added verification step the parsing software also checks for expired IDs and authenticates the ID for format against the issuing states specifications

•Process takes less than a second. The DCM/2 is SISCO's performed method of gathering visitor data from a government issued ID. However, we do support the scanning method of data entry also.

Data Storage

ALL visitor data is securely held locally on the client's network behind their firewalls, affording visitor data the same protection as students, staff and faculty. Access can only be granted by school or district officials.

Data Display

Provides the clients with options on which personal data is stored and displayed within the program. While the system is setup to capture all of the data, it can restrict which data is displayed. For instance, it can capture the DOB and address, but not display it, thus offering additional privacy to visitor data.

Searches

FAST-PASS® provides the vehicle to take the client to a variety of searches from National Sexual Predator, to National Criminal, to National Terrorist Watch Lists and to Local Wants and Warrants. Application of search process can be invoked at three different points within the FAST-PASS® program. For general visitors the search is applied within the Registration process either automatically or manually. For vendors, volunteers and contractors the search is implemented within the import process prior to any access to the school. Finally, within the Manager program anyone within the database can be checked at any time.

V-SOFT Raptorware

ASP – (Application Service Provider)

- Remotely hosted application
- Requires internet to connect with the ASP provider and run the program

Single school - independent information

- Required import of deny entry to each school
- Required import of students to each school
- Visitor needs to register at each school
- Return visitor only to the school originally registered

Captured image from driver's license

Scan shell OCR –

•Flatbed scanners utilize an OCR (Optical Character Recognition) technology. The device takes an image of the ID and then the software attempts to recognize the characters that make up the image. Since different ID cards utilize different fonts, color inks, backgrounds, holograms and layouts, the challenge of correctly identifying the characters is difficult. With OCR it is possible to read "tt" incorrectly as an "H" and still parse out the data.

•OCR has no means of error detection or error correction.

•There are currently over 300 different I.D. layout formats.

Visitor data i.e. driver's license number, DOB, address, etc. is all housed offsite on V-Soft's network. Since the data resides off the client's network, they have less control over the access and use of the data.

Displays all data captured.

All searches are internal either to the client themselves as the deny entry search or to the Application Service Provider in reference to the Sexual Predator Search. Since Raptorware utilizes a database that they themselves mined, the client is limited in the source data they can search. Application of search process is restricted to the registration process.

Overview of the differences between FAST-PASS® and V-Soft Raptorware

FAST-PASS®

Devices

Currently FAST-PASS® supports over 35 different devices covering document capture, cameras, biometrics, identification devices (barcode, RFID and prox card readers) and automation devices for interfacing with electronic locks.

Scalability

System can be deployed as a standalone or fully networked deployment. Currently the largest known school district in the country utilizing one consistent visitor management solution, Broward Country School District 6th largest school district, uses FAST-PASS®.

Volunteer services

FAST-PASS® Sentry accurately and automatically collects entry and exits times of volunteers with the added security of displaying the photo of the volunteer stored within the database. Districts can at their discretion issue PVC cards for groups warranting a more permanent pass.

Reporting

All system-wide data can be reported on either in whole (across the district by group or person) or segmented by school(s). Includes the ability to generate (canned) reports of daily visitors searchable by group (volunteer), location, date range or last name as well as the ability to create new reports with the Report Builder. Additionally and possibly more valuable is the FAST-PASS® Advance Search. Since we collect data encoded on the driver's license we are able to search and report on any and all pieces of information captured i.e. height and weight. For instance if a photo of a person is captured by a CCTV camera a physical description can be inputted and a search run against a range. For instance, height 5'11" – 6'2" and 150 – 175 lbs. The resulting report will match giving a possible name and face for further inspection. Finally, the database is ODBC compliant and can be used with third party reporting engines such as Crystal Reports. The Crystal Report once created, can be run and updated through a FAST-PASS® interface. Furthermore, the system supports the use of third party reporting software via an ADO connection.

Reports can be accessed via a web browser and can be automated to run daily, weekly or monthly and be distributed via email or be copied to a shared network drive.

Customization

The ideal that a program, out of the box, can suit all schools is at best hopeful and at worst unrealistic. In certain respects, the only commonality between schools is their endeavor to teach. The where, how and who are all different. The individual physical and social environments make each deployment unique. FAST-PASS® provides the ability to customize each deployment whether across the district or at the school level. The concept behind providing choices is not to create a complicated system, but rather a streamline process that covers local concerns. It is important that the program fit the school's environment and not require the school to fit the box.

V-SOFT Raptorware

Limited to the basic barcode reader and ID scanner. Note that capture of a current photo is not even included as standard equipment required.

Although the system is ASP the deployments are individual schools.

Manual process with no security. Anyone can login and input any number of hours whether or not they worked those hours.

Data included in reporting function is limited to a local level only, not district-wide.

Out of the box, change logo and pass designs