

interTRAX® Suite
interTRAX® exchange
interTRAX® monitor
interTRAX® connect
interTRAX® PIV manager

User Guide
Version 3
2011



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5,573,278; 5,596,652; 5,793,882; 6,761,312; 7,191,934

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Disclaimer

Salamander Technologies, Inc. has made its best efforts to make the *interTRAX*® system reliable and defect-free; however, any computerized system is subject to malfunction including operator error, undetected system “bugs”, and power or communication outages. Salamander Technologies, Inc. cannot and does not warrant that the system will perform flawlessly at all times and under all conditions.

1 Introduction

***interTRAX*® exchange**

***interTRAX*® exchange** provides a method for sharing incident data via the Web. It provides data synchronization and situational awareness.

The account options include the permissions to

- download reference data for medical applications
- upload incident data to *interTRAX* exchange

The user options include the permissions to

- login to the website
- view incident data posted to *interTRAX* exchange for a specific region
- define reference data that is downloaded into the medical applications
- define issuers, authorities and settings for Personal Identity Verification (PIV) and Salamander Identity Verification (SIV)

***interTRAX*® monitor**

***interTRAX*® monitor** provides a view of responder, equipment, patient and evacuee activity real-time from any location where internet connectivity is available. It also provides access to responder qualifications, equipment qualifications and reports.

***interTRAX*® connect**

***interTRAX*® connect** provides remote access to data fields in MOBILE EMS™ and rapidTAG evac™.

***interTRAX*® PIV manager**

***interTRAX*® manager** provides identity certificate and Public Key Infrastructure (PKI) management, Identity and Privilege List (IPL) management, Hotlist management and System management.

2 Using *interTRAX*® exchange

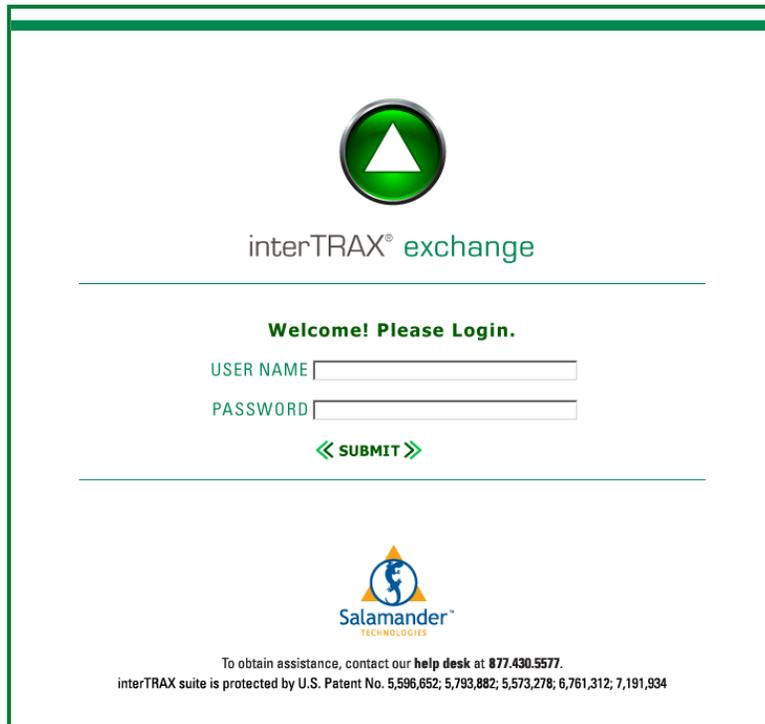
Start *interTRAX*® exchange

Start Internet Explorer and type in the URL <https://intertraxexchange.com>

The **interTRAX**® exchange login screen will appear

Type in the username
and password provided
by Salamander
Technologies

Click on **SUBMIT**



interTRAX® exchange

Welcome! Please Login.

USER NAME

PASSWORD

<< SUBMIT >>


Salamander
TECHNOLOGIES

To obtain assistance, contact our help desk at 877.430.5577.
interTRAX suite is protected by U.S. Patent No. 5,596,652; 5,793,882; 5,573,278; 6,761,312; 7,191,934



Monitor

interTRAX® monitor provides a view of responder, equipment, patient and evacuee activity real-time from any location where internet connectivity is available. It also provides access to responder qualifications, equipment qualifications and reports.

- Monitor ▶
- Incidents
- Find...

Incidents

All of the incidents will be displayed. The application name and the incident name are listed along with the start date and end date (if applicable), the number for each of the response types which include responders, personnel with PIV or SIV cards, pieces of equipment, companies and patients.

APPLICATION:

View	Edit	Application	Name	Start Date	End Date	Responder	Card	Equipment	Company	Patient	Total	Export
View	Edit	COMMAND	Madis	7/27/2011 9:55:00 AM	7/27/2011 11:15:24 AM	11	0	1	3	1	16	Export
View	Edit	COMMAND	NA-SBC 1	7/21/2011 12:48:00 PM		12	0	3	2	0	17	Export
View	Edit	COMMAND	Los Alo	7/21/2011 12:22:00 PM	7/21/2011 12:56:37 PM	12	0	0	2	0	14	Export
View	Edit	MOBILE ICS	inventory	7/18/2011 1:14:00 PM	7/18/2011 1:18:59 PM	0	0	6	0	0	6	Export
View	Edit	COMMAND		7/14/2011 1:49:00 PM		20	0	3	1	0	24	Export
View	Edit	MOBILE ICS		7/14/2011 10:05:27 AM	7/14/2011 1:57:35 PM	2	0	0	1	0	3	Export
View	Edit	MOBILE ICS		7/14/2011 9:05:48 AM	7/14/2011 10:05:27 AM	10	0	3	3	0	16	Export
View	Edit	COMMAND	COMMAND	7/13/2011 6:42:00 PM		23	1	4	4	13	45	Export
View	Edit	COMMAND	WCD 42	7/11/2011 5:35:00 PM		4	0	1	1	0	6	Export
View	Edit	rapidTAG	rapidTAG: 20110711-172709	7/11/2011 5:27:15 PM	7/11/2011 5:35:07 PM	2	0	1	1	0	4	Export
View	Edit	COMMAND		7/11/2011 5:14:00 PM		5	0	2	3	0	10	Export
View	Edit	MOBILE ICS		7/11/2011 3:05:04 PM	7/11/2011 3:15:30 PM	0	0	0	0	0	0	Export
View	Edit	COMMAND		7/11/2011 1:01:00 PM		4	0	4	2	0	10	Export
View	Edit	COMMAND		7/9/2011 8:52:00 AM		0	0	0	0	1	1	Export
View	Edit	COMMAND	Heritage	7/8/2011 10:59:00 AM	7/8/2011 11:26:14 AM	1	0	0	0	0	1	Export

1 2 3 4 5 6 7 8 9 10 ...

The Application dropdown allows you to display a single application type.

Monitor ▶ Back

APPLICATION:

- All
- Command
- MOBILE ICS
- MOBILE PIV
- MOBILE Medical
- rapidTAG
- rapidTAG evac
- Master

Incidents - View

Click on **View** for any incident and the *interTRAX*® exchange **Incident Command System** screen will appear. Using the **Assignment dropdown** you may choose to view only one assignment.

Mobile ICS example

interTRAX® exchange

Reports ▶ Back

Incident Command System

ASSIGNMENT: All

- On Scene
 - Command Post
 - Lewis, Carl (550704)
 - MFD-C1-06 (MFD-C1-06)
 - Fire Attack Group
 - Law Enforcement
 - Carothers, Richard (RNC1965)
 - Gossard, Glenna (GGG1970)
 - Grile, Andrew (AAG1960)
 - Stuckey, Kathleen (KCS1977)
 - ASP-VEH1-04 (ASP-VEH1-04)
 - MPD-VEH2-06 (MPD-VEH2-06)
 - Rehab
 - Safety Officer
 - Staging
 - Lopez, Ann (AML1980)
 - Lopez, Robert (RJL1978)
 - RFD-WE1-99-T4NW (RFD-WE1-99-T4NW)
 - Ventilation Group
 - Hodge, Helen (550804)
 - Hogg, Jean (820628)

Mobile EMS example

- Reception Center
 - 4
 - 6153AE
 - 6152AE
 - 6151AE
 - 110808142225192
 - 110808142211322
 - 110808142158472
 - 110808142142304
 - 110808141608412
- Transport Center 2
 - 1
 - 6167AE
 - 6166AE
 - 6165AE
 - 6164AE
 - 6163AE
 - 6162AE
 - 2
 - 6171AE
 - 6172AE
 - 6173AE
 - 6174AE
 - 6175AE
 - 3
 - 6155AE
 - 6154AE

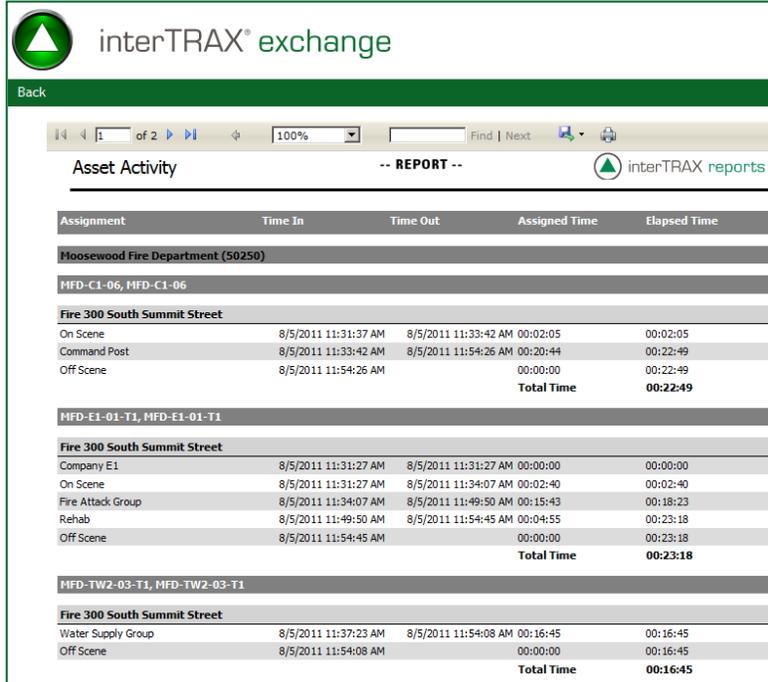
Incidents - View - Reports

Some of the reports that are available may also be found in *interTRAX*® reports or **COMMAND**™ and some are specific to *interTRAX*® monitor.

Reports ▾
Asset Activity
Assignment Activity
Company Activity
Identity Verify
Incident (Alphabetical)
Incident (Chronological)
Incident Device
Incident Log
Incident Summary
Individual Activity
Patient Activity
Patient Activity Assignment
Patient By Assignment
Patient By Destination
Patient By Triage
PIV
PIV Activity
Qualification Personnel
Qualification Equipment
Scan Download

Asset Activity

The Asset Activity report provides the activity for each piece of equipment. The information is sorted by organization. Each piece of equipment belonging to the organization is listed along with the activity associated with that piece of equipment. This report is also available in *interTRAX*® reports.

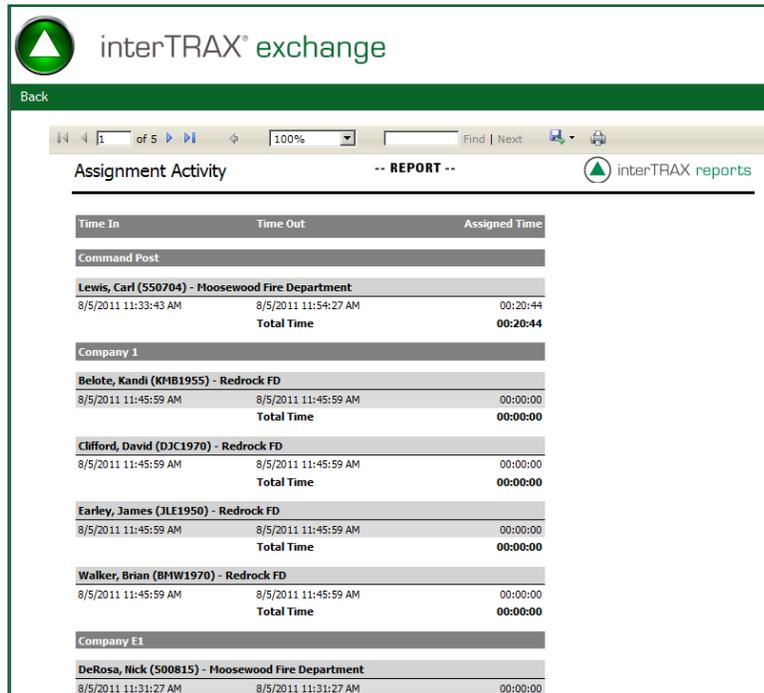


The screenshot shows the 'Asset Activity' report in the interTRAX exchange interface. The report is titled 'Asset Activity' and is a 'REPORT'. It displays a table of activity for various assignments. The table has columns for 'Assignment', 'Time In', 'Time Out', 'Assigned Time', and 'Elapsed Time'. The data is organized into sections for different fire departments and specific incidents.

Assignment	Time In	Time Out	Assigned Time	Elapsed Time
Moosewood Fire Department (50250)				
MFD-C1-06, MFD-C1-06				
Fire 300 South Summit Street				
On Scene	8/5/2011 11:31:37 AM	8/5/2011 11:33:42 AM	00:02:05	00:02:05
Command Post	8/5/2011 11:33:42 AM	8/5/2011 11:54:26 AM	00:20:44	00:22:49
Off Scene	8/5/2011 11:54:26 AM		00:00:00	00:22:49
			Total Time	00:22:49
MFD-E1-01-T1, MFD-E1-01-T1				
Fire 300 South Summit Street				
Company E1	8/5/2011 11:31:27 AM	8/5/2011 11:31:27 AM	00:00:00	00:00:00
On Scene	8/5/2011 11:31:27 AM	8/5/2011 11:34:07 AM	00:02:40	00:02:40
Fire Attack Group	8/5/2011 11:34:07 AM	8/5/2011 11:49:50 AM	00:15:43	00:18:23
Rehab	8/5/2011 11:49:50 AM	8/5/2011 11:54:45 AM	00:04:55	00:23:18
Off Scene	8/5/2011 11:54:45 AM		00:00:00	00:23:18
			Total Time	00:23:18
MFD-TW2-03-T1, MFD-TW2-03-T1				
Fire 300 South Summit Street				
Water Supply Group	8/5/2011 11:37:23 AM	8/5/2011 11:54:08 AM	00:16:45	00:16:45
Off Scene	8/5/2011 11:54:08 AM		00:00:00	00:16:45
			Total Time	00:16:45

Assignment Activity

The Assignment Activity report provides the activity within each assignment. The assignments are listed in alphabetical order and the activity within that assignment is listed with the name, ID number and organization of the responders as well as the date, time and total time. This report is also available in *interTRAX*® reports.

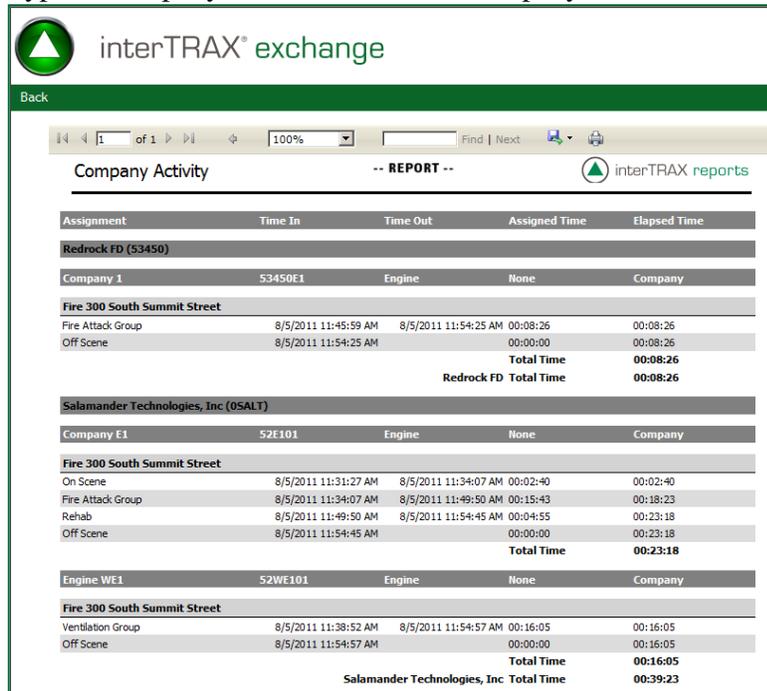


The screenshot shows the 'Assignment Activity' report in the interTRAX exchange interface. The report is titled 'Assignment Activity' and is a 'REPORT'. It displays a table of activity for various assignments. The table has columns for 'Time In', 'Time Out', and 'Assigned Time'. The data is organized into sections for different assignments and responders.

Time In	Time Out	Assigned Time
Command Post		
Lewis, Carl (550704) - Moosewood Fire Department		
8/5/2011 11:33:43 AM	8/5/2011 11:54:27 AM	00:20:44
		Total Time
		00:20:44
Company 1		
Belote, Kandi (KMB1955) - Redrock FD		
8/5/2011 11:45:59 AM	8/5/2011 11:45:59 AM	00:00:00
		Total Time
		00:00:00
Clifford, David (DJC1970) - Redrock FD		
8/5/2011 11:45:59 AM	8/5/2011 11:45:59 AM	00:00:00
		Total Time
		00:00:00
Earley, James (JLE1950) - Redrock FD		
8/5/2011 11:45:59 AM	8/5/2011 11:45:59 AM	00:00:00
		Total Time
		00:00:00
Walker, Brian (BHW1970) - Redrock FD		
8/5/2011 11:45:59 AM	8/5/2011 11:45:59 AM	00:00:00
		Total Time
		00:00:00
Company E1		
DeRosa, Nick (500815) - Moosewood Fire Department		
8/5/2011 11:31:27 AM	8/5/2011 11:31:27 AM	00:00:00

Company Activity

The Company Activity report provides the activity of each company. The information is sorted by organization name. The Companies are listed within each organization along with the company ID number and type of company. Activities for each company include the incident name, assignments, time in and time out, assigned time and elapsed time. This report is also available in *interTRAX®* reports.

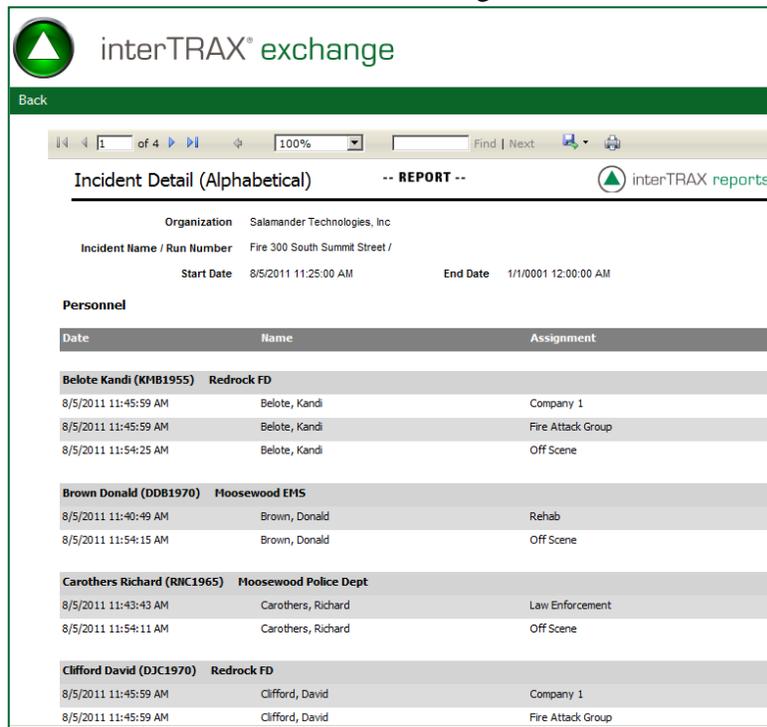


The screenshot shows the 'Company Activity' report in the interTRAX exchange system. The report is organized by organization and lists activities for three companies: Redrock FD (53450), Salamander Technologies, Inc (0SALT), and Engine WE1 (52WE101). Each activity entry includes the incident name, time in, time out, assigned time, and elapsed time. A 'Total Time' row is provided for each organization.

Assignment	Time In	Time Out	Assigned Time	Elapsed Time
Redrock FD (53450)				
Company 1	53450E1	Engine	None	Company
Fire 300 South Summit Street				
Fire Attack Group	8/5/2011 11:45:59 AM	8/5/2011 11:54:25 AM	00:08:26	00:08:26
Off Scene	8/5/2011 11:54:25 AM		00:00:00	00:08:26
			Total Time	00:08:26
			Redrock FD Total Time	00:08:26
Salamander Technologies, Inc (0SALT)				
Company E1	52E101	Engine	None	Company
Fire 300 South Summit Street				
On Scene	8/5/2011 11:31:27 AM	8/5/2011 11:34:07 AM	00:02:40	00:02:40
Fire Attack Group	8/5/2011 11:34:07 AM	8/5/2011 11:49:50 AM	00:15:43	00:18:23
Rehab	8/5/2011 11:49:50 AM	8/5/2011 11:54:45 AM	00:04:55	00:23:18
Off Scene	8/5/2011 11:54:45 AM		00:00:00	00:23:18
			Total Time	00:23:18
Engine WE1 (52WE101)				
Fire 300 South Summit Street				
Ventilation Group	8/5/2011 11:38:52 AM	8/5/2011 11:54:57 AM	00:16:05	00:16:05
Off Scene	8/5/2011 11:54:57 AM		00:00:00	00:16:05
			Total Time	00:16:05
			Salamander Technologies, Inc Total Time	00:39:23

Incident Detail Alphabetical

The Incident Detail Alphabetical report provides a log of the incident details for personnel and equipment. The Report is organized by personnel and equipment. The resources are listed in alphabetical order. The details include name, ID number, organization, time, date and assignment. This report is also available in *interTRAX®* reports.



The screenshot shows the 'Incident Detail (Alphabetical)' report in the interTRAX exchange system. The report provides details for the incident 'Fire 300 South Summit Street' on 8/5/2011. It lists personnel and their assignments, including Belote, Kandi (Redrock FD), Brown, Donald (Moosewood EMS), Carothers, Richard (Moosewood Police Dept), and Clifford, David (Redrock FD).

Organization	Salamander Technologies, Inc	
Incident Name / Run Number	Fire 300 South Summit Street /	
Start Date	8/5/2011 11:25:00 AM	
End Date	1/1/0001 12:00:00 AM	
Personnel		
Date	Name	Assignment
Belote Kandi (KMB1955) Redrock FD		
8/5/2011 11:45:59 AM	Belote, Kandi	Company 1
8/5/2011 11:45:59 AM	Belote, Kandi	Fire Attack Group
8/5/2011 11:54:25 AM	Belote, Kandi	Off Scene
Brown Donald (DOB1970) Moosewood EMS		
8/5/2011 11:40:49 AM	Brown, Donald	Rehab
8/5/2011 11:54:15 AM	Brown, Donald	Off Scene
Carothers Richard (RNC1965) Moosewood Police Dept		
8/5/2011 11:43:43 AM	Carothers, Richard	Law Enforcement
8/5/2011 11:54:11 AM	Carothers, Richard	Off Scene
Clifford David (DJC1970) Redrock FD		
8/5/2011 11:45:59 AM	Clifford, David	Company 1
8/5/2011 11:45:59 AM	Clifford, David	Fire Attack Group

Incident Detail Chronological

The Incident Detail Chronological report provides a log of the incident details for personnel and equipment. The report is organized by date and time and provides name, ID number, agency and assignment. This report is also available in *interTRAX*® reports.

interTRAX® exchange

Back

Incident Detail (Chronological) -- REPORT --

Organization: Salamander Technologies, Inc

Incident Name / Run Number: Fire 300 South Summit Street /

Start Date: 8/5/2011 11:25:00 AM End Date: 1/1/0001 12:00:00 AM

Date	Name	Agency	Assignment
8/5/2011 11:31:27 AM	DeRosa, Nick (500815)	Moosewood Fire Department	Company E1
8/5/2011 11:31:27 AM	DeRosa, Nick (500815)	Moosewood Fire Department	On Scene
8/5/2011 11:31:27 AM	Earley, Terry (581117)	Moosewood Fire Department	Company E1
8/5/2011 11:31:27 AM	Earley, Terry (581117)	Moosewood Fire Department	On Scene
8/5/2011 11:31:27 AM	MFD-E1-01-T1 (MFD-E1-01-T1)	Moosewood Fire Department	Company E1
8/5/2011 11:31:27 AM	MFD-E1-01-T1 (MFD-E1-01-T1)	Moosewood Fire Department	On Scene
8/5/2011 11:31:27 AM	Smith, George (401022)	Moosewood Fire Department	Company E1
8/5/2011 11:31:27 AM	Smith, George (401022)	Moosewood Fire Department	On Scene
8/5/2011 11:31:27 AM	Wentworth, Muriel (700901)	Moosewood Fire Department	Company E1
8/5/2011 11:31:27 AM	Wentworth, Muriel (700901)	Moosewood Fire Department	On Scene
8/5/2011 11:31:37 AM	MFD-C1-06 (MFD-C1-06)	Moosewood Fire Department	On Scene
8/5/2011 11:31:38 AM	Lewis, Carl (550704)	Moosewood Fire Department	On Scene
8/5/2011 11:33:42 AM	MFD-C1-06 (MFD-C1-06)	Moosewood Fire Department	Command Post
8/5/2011 11:33:43 AM	Lewis, Carl (550704)	Moosewood Fire Department	Command Post
8/5/2011 11:34:07 AM	DeRosa, Nick (500815)	Moosewood Fire Department	Fire Attack Group
8/5/2011 11:34:07 AM	Earley, Terry (581117)	Moosewood Fire Department	Fire Attack Group
8/5/2011 11:34:07 AM	MFD-E1-01-T1 (MFD-E1-01-T1)	Moosewood Fire Department	Fire Attack Group

Incident Device

The Incident Device report lists all of the devices that are involved in an incident and includes the device application, incident name, state date and end date (if applicable).

interTRAX® exchange

Back

-- REPORT --

Application	Device	Name	Start Date	End Date
COMMAND	CARSON	Fire 300 South Summit Street	8/5/2011 11:25:00 AM	
MOBILE ICS	WM_Ischwarz	Summit	8/5/2011 11:31:02 AM	

1 of 1 8/5/2011 2:42:21 PM

Incident Log

The Incident Log provides a log of the incident details for personnel and equipment. The report is organized by date and time and provides precise information on each change that occurs during an incident (e.g., Incident Start, Open and Close, User and Device additions, Checklist activity, Device Sync). This report is also available in *interTRAX*® reports.

Entry	Description	Entry Time	Device Name
Started Incident Name: Fire 300 South Summit Street	Incident Start	8/5/2011 11:32:59 AM	CARSON
Rescue	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Exposure	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Containment	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Extinguishment	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Overhaul	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Ventilation	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Salvage	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Utilities Off	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Evacuation	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Scene Security	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Rehab	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
Staging	Checklist Item Added	8/5/2011 11:32:59 AM	CARSON
On Scene	User Add Assignment	8/5/2011 11:32:59 AM	CARSON
Off Scene	User Add Assignment	8/5/2011 11:32:59 AM	CARSON
Sync Incident - MOBILE	Device Sync	8/5/2011 11:33:25 AM	WM_schwarz
Sync Incident - MOBILE	Device Sync	8/5/2011 11:33:41 AM	WM_schwarz

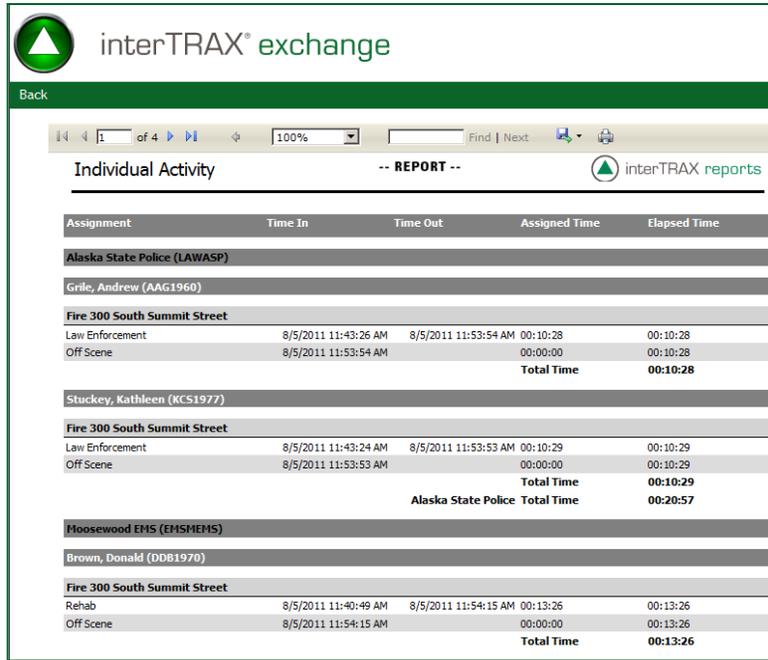
Incident Summary

The Incident Summary report is sorted by organization and provides information on the resource count and duration. The summary includes the total number of organizations, responders and equipment as well as the total number of hours for responders and equipment. This report is also available in *interTRAX*® reports.

Resource Count	Count	Resource Hours	Duration
Alaska State Police (LAWASP)			
Number of Responders	2	Hours for Responders	00:20:57
Number of Equipment	1	Hours for Equipment	00:10:28
Moosewood EMS (EMSMEMS)			
Number of Responders	2	Hours for Responders	00:26:52
Number of Equipment	1	Hours for Equipment	00:13:26
Moosewood Fire Department (50250)			
Number of Responders	9	Hours for Responders	03:01:00
Number of Equipment	4	Hours for Equipment	01:18:57
Moosewood Police Dept (LAWMPD)			
Number of Responders	2	Hours for Responders	00:20:56
Number of Equipment	1	Hours for Equipment	00:10:31
Redrock FD (53450)			
Number of Responders	8	Hours for Responders	00:59:01
Number of Equipment	4	Hours for Equipment	00:28:14

Individual Activity

The Individual Activity report is sorted by organization. Each person with their ID number is listed along with the incident name. The activity includes assignments, time in and time out, assigned time and elapsed time. The total time for each organization is also available. This report is also available in *interTRAX*® reports.

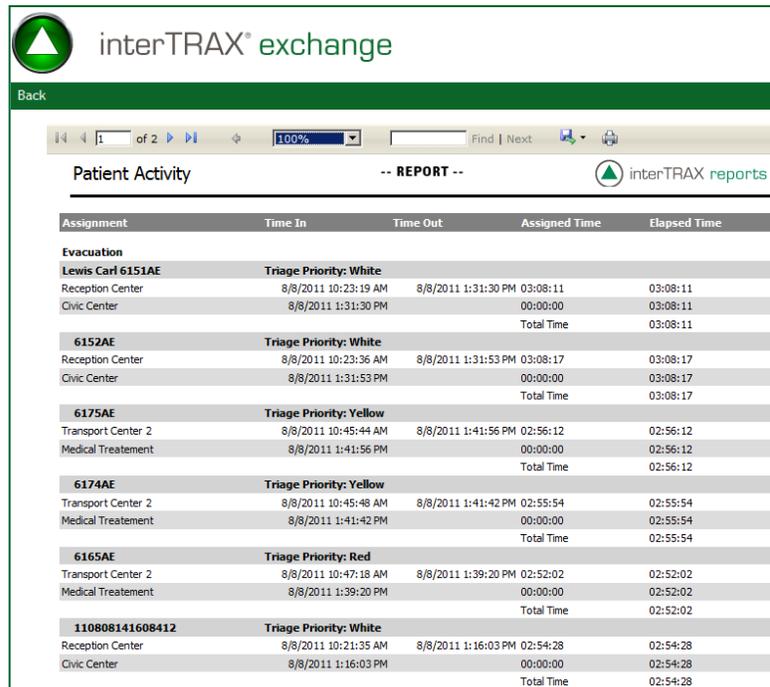


The screenshot shows the 'Individual Activity' report in the interTRAX exchange system. The report is titled 'Individual Activity -- REPORT --' and includes a navigation bar with 'Back', '1 of 4', and '100%' indicators. The data is organized by organization and incident.

Assignment	Time In	Time Out	Assigned Time	Elapsed Time
Alaska State Police (LAWASP)				
Grile, Andrew (AAG1960)				
Fire 300 South Summit Street				
Law Enforcement	8/5/2011 11:43:26 AM	8/5/2011 11:53:54 AM	00:10:28	00:10:28
Off Scene	8/5/2011 11:53:54 AM		00:00:00	00:10:28
			Total Time	00:10:28
Stuckey, Kathleen (KCS1977)				
Fire 300 South Summit Street				
Law Enforcement	8/5/2011 11:43:24 AM	8/5/2011 11:53:53 AM	00:10:29	00:10:29
Off Scene	8/5/2011 11:53:53 AM		00:00:00	00:10:29
			Total Time	00:10:29
			Alaska State Police Total Time	00:20:57
Hoosewood EMS (EMSMEHS)				
Brown, Donald (DDB1970)				
Fire 300 South Summit Street				
Rehab	8/5/2011 11:40:49 AM	8/5/2011 11:54:15 AM	00:13:26	00:13:26
Off Scene	8/5/2011 11:54:15 AM		00:00:00	00:13:26
			Total Time	00:13:26

Patient Activity

The Patient Activity report is sorted by incident. The report provides the patient ID (triage tag number), triage priority, time in and time out, assignment time and elapsed time. This report is also available in *interTRAX*® reports.



The screenshot shows the 'Patient Activity' report in the interTRAX exchange system. The report is titled 'Patient Activity -- REPORT --' and includes a navigation bar with 'Back', '1 of 2', and '100%' indicators. The data is organized by incident and patient ID.

Assignment	Time In	Time Out	Assigned Time	Elapsed Time
Evacuation				
Lewis Carl 6151AE Triage Priority: White				
Reception Center	8/8/2011 10:23:19 AM	8/8/2011 1:31:30 PM	03:08:11	03:08:11
Civic Center	8/8/2011 1:31:30 PM		00:00:00	03:08:11
			Total Time	03:08:11
6152AE Triage Priority: White				
Reception Center	8/8/2011 10:23:36 AM	8/8/2011 1:31:53 PM	03:08:17	03:08:17
Civic Center	8/8/2011 1:31:53 PM		00:00:00	03:08:17
			Total Time	03:08:17
6175AE Triage Priority: Yellow				
Transport Center 2	8/8/2011 10:45:44 AM	8/8/2011 1:41:56 PM	02:56:12	02:56:12
Medical Treatment	8/8/2011 1:41:56 PM		00:00:00	02:56:12
			Total Time	02:56:12
6174AE Triage Priority: Yellow				
Transport Center 2	8/8/2011 10:45:48 AM	8/8/2011 1:41:42 PM	02:55:54	02:55:54
Medical Treatment	8/8/2011 1:41:42 PM		00:00:00	02:55:54
			Total Time	02:55:54
6165AE Triage Priority: Red				
Transport Center 2	8/8/2011 10:47:18 AM	8/8/2011 1:39:20 PM	02:52:02	02:52:02
Medical Treatment	8/8/2011 1:39:20 PM		00:00:00	02:52:02
			Total Time	02:52:02
110808141608412 Triage Priority: White				
Reception Center	8/8/2011 10:21:35 AM	8/8/2011 1:16:03 PM	02:54:28	02:54:28
Civic Center	8/8/2011 1:16:03 PM		00:00:00	02:54:28
			Total Time	02:54:28

Patient Activity Assignment

The Patient Activity Assignment report is sorted in chronological order. Each person is listed using the identity code, assignment, time in, time out (if applicable) and assigned time (if time out exists). The first and last names are not required and are listed if they are available.

Last Name	First Name	Identity Code	Assignment	Time In	Time Out	Assigned Time
		110808141608412	Civic Center	08/08/2011 13:16:03		00:00:00
		110808142142304	Civic Center	08/08/2011 13:25:32		00:00:00
		110808142158472	Civic Center	08/08/2011 13:26:01		00:00:00
		110808142211322	Civic Center	08/08/2011 13:26:44		00:00:00
		110808142225192	Civic Center	08/08/2011 13:27:07		00:00:00
DeRosa	Nick	110808145351335	Civic Center	08/08/2011 13:27:29		00:00:00
Earley	Terry	110808150243663	Civic Center	08/08/2011 13:27:56		00:00:00
Lewis	Larry	110808150317501	Civic Center	08/08/2011 13:28:17		00:00:00
Lewis	Carl	6151AE	Civic Center	08/08/2011 13:31:30		00:00:00
		6152AE	Civic Center	08/08/2011 13:31:53		00:00:00
		6153AE	Civic Center	08/08/2011 13:32:18		00:00:00
		6162AE	Medical Treatment	08/08/2011 13:37:57		00:00:00
		6163AE	Medical Treatment	08/08/2011 13:38:41		00:00:00
		6164AE	Medical Treatment	08/08/2011 13:39:04		00:00:00
		6165AE	Medical Treatment	08/08/2011 13:39:20		00:00:00
		6166AE	Medical Treatment	08/08/2011 13:39:36		00:00:00
		6167AE	Medical Treatment	08/08/2011 13:40:32		00:00:00
		6171AE	Medical Treatment	08/08/2011 13:40:54		00:00:00
		6172AE	Medical Treatment	08/08/2011 13:41:10		00:00:00

Patient By Assignment

The Patient By Assignment report is sorted by assignment. Each person is listed within each assignment using the ID # and activity date. The name, complaint, destination, and transport are not required and are listed if they are available. This report is also available in COMMAND™ (Patient Summary by Assignment).

Priority	ID#	Name	Complaint	Destination	Transport	Activity Date	Assignment
Civic Center							
White	6153AE	.		Civic Center	/	8/8/2011 1:32:18 PM	Civic Center
White	6152AE	.		Civic Center	/	8/8/2011 1:31:53 PM	Civic Center
White	6151AE	Lewis, Carl		Civic Center	/	8/8/2011 1:31:30 PM	Civic Center
White	110808150317501	Lewis, Larry		Civic Center	/	8/8/2011 1:28:17 PM	Civic Center
White	110808150243663	Earley, Terry		Civic Center	/	8/8/2011 1:27:56 PM	Civic Center
White	110808145351335	DeRosa, Nick		Civic Center	/	8/8/2011 1:27:29 PM	Civic Center
White	110808142225192	.		Civic Center	/	8/8/2011 1:27:07 PM	Civic Center
White	110808142211322	.		Civic Center	/	8/8/2011 1:26:44 PM	Civic Center
White	110808142158472	.		Civic Center	/	8/8/2011 1:26:01 PM	Civic Center
White	110808142142304	.		Civic Center	/	8/8/2011 1:25:32 PM	Civic Center
White	110808141608412	.		Civic Center	/	8/8/2011 1:23:39 PM	Civic Center
Medical Treatment							
Red	6167AE	.		City Hospital	/	8/8/2011 1:40:32 PM	Medical Treatment
Red	6166AE	.		City Hospital	/	8/8/2011 1:39:36 PM	Medical Treatment
Red	6165AE	.		City Hospital	/	8/8/2011 1:39:20 PM	Medical Treatment
Red	6164AE	.		City Hospital	/	8/8/2011 1:39:04 PM	Medical Treatment

Patient By Destination

The Patient By Destination report is sorted by destination. Each person is listed within each destination by ID #, activity date and assignment. The name, complaint, destination, and transport are not required and are listed if they are available. This report is also available in COMMAND™ (Patient Summary by Destination).

Priority	ID#	Name	Complaint	Destination	Transport	Activity Date	Assignment
City Hospital							
Red	6167AE	.		City Hospital	/	8/8/2011 1:40:32 PM	Medical Treatment
Red	6168AE	.		City Hospital	/	8/8/2011 1:39:36 PM	Medical Treatment
Red	6165AE	.		City Hospital	/	8/8/2011 1:39:20 PM	Medical Treatment
Red	6164AE	.		City Hospital	/	8/8/2011 1:39:04 PM	Medical Treatment
Red	6163AE	.		City Hospital	/	8/8/2011 1:38:41 PM	Medical Treatment
Red	6162AE	.		City Hospital	/	8/8/2011 1:37:57 PM	Medical Treatment
Yellow	6175AE	.		City Hospital	/	8/8/2011 1:41:56 PM	Medical Treatment
Yellow	6174AE	.		City Hospital	/	8/8/2011 1:41:42 PM	Medical Treatment
Yellow	6173AE	.		City Hospital	/	8/8/2011 1:41:26 PM	Medical Treatment
Yellow	6172AE	.		City Hospital	/	8/8/2011 1:41:10 PM	Medical Treatment
Yellow	6171AE	.		City Hospital	/	8/8/2011 1:40:54 PM	Medical Treatment
Green	6155AE	.		City Hospital	/	8/8/2011 1:43:41 PM	Refused Treatment
Green	6154AE	.		City Hospital	/	8/8/2011 1:43:21 PM	Refused Treatment
Civic Center							
White	6153AE	.		Civic Center	/	8/8/2011 1:32:18 PM	Civic Center
White	6152AE	.		Civic Center	/	8/8/2011 1:31:53 PM	Civic Center
White	6151AE	Lewis, Carl		Civic Center	/	8/8/2011 1:31:30 PM	Civic Center

Patient By Triage

The Patient By Triage report is sorted by triage category. Each person is listed within each category by ID #, activity date and assignment. The name, complaint, Destination, and Transport are not required and are listed if they are available. This report is also available in COMMAND™ (Patient Summary by Triage).

Priority	ID#	Name	Complaint	Destination	Transport	Activity Date	Assignment
Red (1)							
Red	6167AE	.		City Hospital	/	8/8/2011 1:40:32 PM	Medical Treatment
Red	6168AE	.		City Hospital	/	8/8/2011 1:39:36 PM	Medical Treatment
Red	6165AE	.		City Hospital	/	8/8/2011 1:39:20 PM	Medical Treatment
Red	6164AE	.		City Hospital	/	8/8/2011 1:39:04 PM	Medical Treatment
Red	6163AE	.		City Hospital	/	8/8/2011 1:38:41 PM	Medical Treatment
Red	6162AE	.		City Hospital	/	8/8/2011 1:37:57 PM	Medical Treatment
Yellow (2)							
Yellow	6175AE	.		City Hospital	/	8/8/2011 1:41:56 PM	Medical Treatment
Yellow	6174AE	.		City Hospital	/	8/8/2011 1:41:42 PM	Medical Treatment
Yellow	6173AE	.		City Hospital	/	8/8/2011 1:41:26 PM	Medical Treatment
Yellow	6172AE	.		City Hospital	/	8/8/2011 1:41:10 PM	Medical Treatment
Yellow	6171AE	.		City Hospital	/	8/8/2011 1:40:54 PM	Medical Treatment
Green (3)							
Green	6155AE	.		City Hospital	/	8/8/2011 1:43:41 PM	Refused Treatment
Green	6154AE	.		City Hospital	/	8/8/2011 1:43:21 PM	Refused Treatment

PIV

The PIV report provides incident scan status totals as well as additional information specific to each PIV card. The information regarding each card includes the name, card type, issuer of the card, activity date with the card scan status and a reason for the status along with the number of reads. This report is also available in COMMAND™.

interTRAX® exchange

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-- REPORT -- COMMAND

Incident Name / Run Number	test /
Valid	1
Valid with Warnings	0
Invalid	1
Total Identities	2

Name	Card Type	Issuer	Activity Date	Card	Reason	Reads
Valid						
WHELAN, MICHEAL A	TWIC	C=US, O=ORC PKI, CN=TWIC CA 1	6/23/2010 2:34:25 PM	Valid		5
Invalid						
W, CRAIG FUGATE	FPS-201	C=US, OU=U.S. Government, OU=Department of Homeland Security, OU=Certification Authorities, OU=DHS CA4	6/23/2010 2:33:48 PM	Invalid	Fingerprint failed.	2

1 of 1 8/12/2011 10:16:13 AM

PIV Activity

The PIV Card Activity report displays the incident activity for each PIV card read during an incident. The report lists personnel by last name, their incident involvement, and then the corresponding assignment activity, time in, time out, assigned time and elapsed time. This report is also available in interTRAX® reports (PIV Card Activity).

interTRAX® exchange

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PIV Card Activity -- REPORT -- interTRAX reports

Assignment	Time In	Time Out	Assigned Time	Elapsed Time
WHELAN, MICHEAL A				
test				
Fire Attack	6/21/2010 2:05:56 PM	6/21/2010 2:16:02 PM	00:10:06	00:10:06
Check Point 3	6/21/2010 2:16:02 PM	7/9/2010 12:05:06 PM	429:49:04	429:59:10
		Total Time	429:59:10	
W. CRAIG FUGATE				
test				
Check Point 3	6/23/2010 2:32:15 PM	6/23/2010 2:33:48 PM	00:01:33	00:01:33
		Total Time	00:01:33	

1 of 1 8/12/2011 10:18:01 AM

Qualification Personnel

The Qualification Personnel report provides information on the personnel that possess the qualifications that are chosen from the Select Qualifications list. The personnel are sorted by Organization and listed in alphabetical order by last name. This report is also available in COMMAND™ (Responder Qualifications).

interTRAX® exchange

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Select Qualification(s)

- AO
- ArsonT
- DRS
- EMT
- EMT_
- EMT_P
- EMTP
- EMTS
- Evidence
- FF_J
- FF_II
- FFI
- FFII
- FFIII

Run

interTRAX® exchange

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-- REPORT -- COMMAND

Description	Qualifications	Assignment
Alaska State Police (LAWASP), AK, P		
Grle, Andrew (AAG1960)	ArsonT, EMT, EMT_ , EMT_P, EMTP, Evidence, HazMatT, HAZT, HMA, HMO, HMT, IC, INVEST, MFR, PIO	Off Scene
Stuckey, Kathleen (KCS1977)	ArsonT, EMT, EMT_ , EMT_P, EMTP, Evidence, HazMatT, HAZT, HMA, HMO, HMT, IC, INVEST, MFR, PIO	Off Scene
Moosewood Fire Department (50250), AK, F		
Earley, Terry (581117)	EMT, EMT_ , WFOI, WFOII, WFO_J, WFO_II, EMT_P, EMTP, FF_I, FF_II, FFI, FFII, FO_I_II, FOI, FOII, HMA, HMO, MFR, SO, VEHX	Company E1
Hodge, Helen (550804)	AO, ArsonT, FFI, FOI, EMT, EMT_ , EMT_P, EMTP, FF_I, FF_II, FFI, FO_I_II, FOI, HMA, HMO, IC, INVEST, MFR, PIO, PIOT3, SO, VEHX, WFO_J, WFO_II, WFOI, WFOII	Engine WE1
Hogg, Jean (820628)	HAZT, HMT, WFO_II, EMT, EMT_ , EMT_P, EMTP, FF_I, FF_II, FFI, FFII, FO_I_II, FOI, FOII, HMA, HMO, MFR, PIO, VEHX, WFO_J, WFOI, WFOII	Engine WE1
Lewis, Carl (550704)	INVEST, EMT_ , ICT3, FF_II, AO, ArsonT, EMT, EMT_P, EMTP, FF_I, FFI, FFII, FO_I_II, FOI, FOII, HazMatT, HAZT, HMA, HMO, HMT, IC, MFR, SO, SOT3, VEHX, WFO_J, WFO_II, WFOI, WFOII	Off Scene

Qualification Equipment

The Qualification Equipment report provides information on the equipment that possesses the qualifications that are chosen from the Select Qualifications list. The equipment is sorted by Organization and listed in alphabetical order. This report is also available in COMMAND™ (Equipment Qualifications).

interTRAX® exchange

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Select Qualification(s)

- 1000gpm
- 2000gal
- 250@150
- 300gpm
- 400gal
- 50@100
- 500gal
- 750gal
- ArsonT
- DiveTeam
- EMT
- ET1
- Evidence
- IC

Run

interTRAX® exchange

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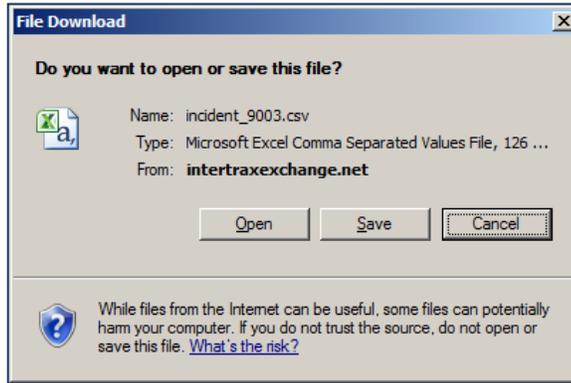
-- REPORT -- COMMAND

Description	Qualifications	Assignment
Moosewood Fire Department (50250), AK, F		
MFD-WE1-01-T3NW (MFD-WE1-01-T3NW)	250@150, 500gal	Engine WE1

1 of 1 8/5/2011 2:55:48 PM

Scan Download

Scan Download allows you to open or save information regarding scan events when using MOBILE PIV.



The information is provided in Microsoft® Excel® in .csv format.

	A	B	C	D	E	F	G	H	I	J	K
1	Timestamp	Cardholder Name	Card Issuer	ID Type	Category	Summary	Operator	Device Name	Detail	Card Serial	Attributes

Incidents - Edit

Click on **Edit** for any incident and the **Incident** and **Assignment** information will appear. If the incident was initiated in the field the information is read only. If the incident is a master incident you may make changes to the incident information and you may add assignments.

Field Incident

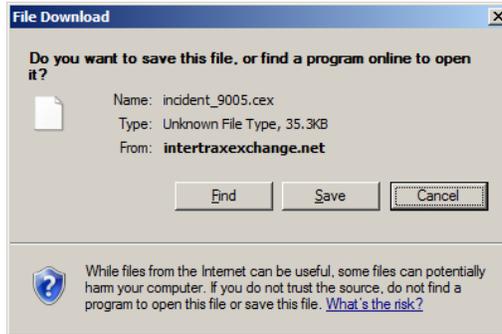
Incident	
Name	Fire 427 W Ferry Street
Run Number	
Training	<input type="checkbox"/>
Start Date	8/5/2011 3:01:00 PM
End Date	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	
Assignment	
Command Post	
Fire Attack Group	
Law Enforcement	
Off Scene	
On Scene	
Rehab	
Safety Officer	
Staging	
Ventilation Group	
Water Supply Group	

Master Incident

Incident	
Name	Rescue
Run Number	
Training	<input type="checkbox"/>
Start Date	8/11/2011 11:08:10 AM
End Date	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	
Assignment	
Add...	

Incidents - Export

Click on **Export** for any incident and the **File Download** screen will appear. You may use the exported file in COMMAND™.



Incidents – Add



The **Add** function allows you setup incident information, prior to an event, and select it as an external incident in MOBILE EMST™ or rapidTAG evac™. You may add an incident name (e.g., Evacuation). Once you have saved the incident information you may add assignments using the Edit functionality described above. NOTE: When the incident is accessed and used by MOBILE EMST™ or rapidTAG evac™ it will not be changed in Monitor and will remain in place as a template for future use.

Incident	
Name	Rescue
Run Number	
Training	<input type="checkbox"/>
Start Date	8/11/2011 3:08:10 PM
End Date	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Find

Type any part of a person's name, the name of a piece of equipment, an incident name or an ID and click on **Find**

All of the incidents that contain the information will appear. You may click on **View** or on **Incidents** for additional information.

View	Incidents	Type	Name
View	Incidents	Equipment	Carl Lewis Pickup Ford, F150 100401180607118
View	Incidents	Patient	Lewis, Carl 110110164122088
View	Incidents	Patient	Lewis, Carl 110120140957606
View	Incidents	Patient	Lewis, Carl 110120190232855
View	Incidents	Patient	Lewis, Carl 110120190253785
View	Incidents	Patient	Lewis, Carl 201008161353310
View	Incidents	Patient	Lewis, Carl 6151AE
View	Incidents	Patient	Lewis, Larry 110808150317501
View	Incidents	Patient	Lewis, Lyndon 100712153537000
View	Incidents	Patient	LEWIS, PAUL C083497
View	Incidents	Responder	Lewis, Carl 100401180401415
View	Incidents	Responder	Lewis, Carl 100823132539656
View	Incidents	Responder	Lewis, Carl 101130165807753
View	Incidents	Responder	Lewis, Carl 50250-55751
View	Incidents	Responder	Lewis, Carl 550704

FIND: [Find](#) Found: 22

1 2

Find - View

Click on **View** for a detailed report.

Name	Rank	Organization	State	Type
Lewis, Carl (55751)	Fire Chief	Moosewood Fire Department (50250)	AK	F

Qualifications	
AO, ArsonT, EMTP, FFII, FOII, HazMatT, HMT, IC, INVEST, SO, VEHX, WFOII	

Incident Name / Run Number	Start Date	End Date
jan25coma /	1/25/2011 3:14:00 PM	1/25/2011 3:16:54 PM

Activity Date	Device Name	Type	Assignment	Assigned Time	Elapsed Time
1/24/2011 8:42:03 AM	WM_Ischwarz	Read	Fire Attack	01:09:17	01:09:17
1/24/2011 9:51:20 AM	WM_Ischwarz	Manual	Engine 1	00:00:00	01:09:17
1/24/2011 9:51:20 AM	WM_Ischwarz	Manual	On Scene	04:00:00	05:09:17
1/24/2011 1:51:20 PM	WM_Ischwarz	Manual	Water Tender 4	00:01:53	05:11:10
1/24/2011 1:53:13 PM	WM_Ischwarz	Manual	Off Scene	00:00:00	05:11:10

Find - Incidents

Click on **Incidents** to view all of the incidents that the responder, card, equipment, company or patient was involved in. From this screen you may again click on **View** for a detailed report or **Incident** for the Incident Command System screen.

View	Incident	Application	Name	RunNumber	Start Date	End Date
View	Incident	COMMAND	jan25coma		1/25/2011 3:14:00 PM	1/25/2011 3:16:54 PM
View	Incident	COMMAND	Patient Tracking Sample Incident		6/11/2010 10:49:00 AM	6/11/2010 11:59:44 AM
View	Incident	COMMAND	test		3/31/2010 2:20:00 PM	
View	Incident	COMMAND	Arlington Demonstration		3/11/2010 2:04:00 PM	

Connect

interTRAX® connect provides remote access to data fields in MOBILE EMS™ and rapidTAG evac™.

Connect ▶
Complaint
Gender
Facility
Special Needs
Transport Agency
Triage Priority
Options

Complaint

You may choose to have a default list of complaints imported to your *interTRAX*® connect account or you may manually add complaints. Complaints may be added to or removed from the list at any time and the changes will be available in the complaint data field in MOBILE EMS™.

Add. Click on Add and type in a new complaint.

Remove. Click on the complaint and when the Complaint window appears click on Remove.

Name
Add...
Allergies and anaphylaxis
Behavioral and psychiatric disorders
Cardiology
Endocrinology
Environmental disorders
Gastroenterology
Gynecology
Hematology

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Complaint

Name:

Gender

You may choose to have a default gender list imported to your *interTRAX*® connect account or you may manually add gender information. Gender information may be added to or removed from the list at any time and the changes will be available in the gender dropdown in MOBILE EMS™ or rapidTAG evac™.

In this example the Female and Male categories may not be removed however you may change the text that appears in the dropdown box. You may choose whether or not to use the Unknown category. If you check the box for Unknown you may also type in the text that you would like to appear in the dropdown for that category.

Gender		
<input checked="" type="checkbox"/>	Female (F):	Female
<input checked="" type="checkbox"/>	Male (M):	Male
<input checked="" type="checkbox"/>	Unknown (U):	Unknown
		Save Cancel

Facility

Facilities are specific to your area. They may be added or removed from the list at any time and the changes will be available in the facilities dropdown in MOBILE EMS™.

Add. Click on Add and type in a new facility.

Remove. Click on the facility and when the Facility window appears click on Remove.

Facility	
Name	Add...
122 W STATE	
Alpena Region Medical Center	
Banner Good Samaritan	
Bus Station	

interTRAX® exchange	
Back	
Facility	
Name	
Save Cancel Remove	

Special Needs

Type in the information and click on Add. The information will be available in the Special Needs dropdown in rapidTAG evac™.

Special Needs			
Description	Code	Sort Order	Action
			Add

Transport Agency

Transport Agencies are specific to your area. They may be added to or removed from the list at any time and the changes will be available in the complaint data field in MOBILE EMS™.

Add. Click on Add and type in a new transport agency.

Remove. Click on the transport agency and when the Transport Agency window appears click on Remove.

Name
Add...
Ambulance
Ballard County EMS
BUS
Calloway County EMS
BUS
Emergency Transport
Calloway County EMS
Fire engine
Emergency Transport

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Transport Agency

Name:

Triage Priority

You may choose to have a default triage priority list imported to your *interTRAX*® connect account or you may manually add triage priority information. The information may be added to or removed from the list at any time and the changes will be available in the gender dropdown in MOBILE EMS™.

In this example the Black, Red, Yellow and Green categories may not be removed however you may change the text that appears in the dropdown box. You may choose whether or not to use the Other/Uninjured category. If you check the box for Other/Uninjured you may also type in the text that you would like to appear in the dropdown for this category.

Triage Priority	
<input checked="" type="checkbox"/>	Black (0): <input type="text" value="Black"/>
<input checked="" type="checkbox"/>	Red (1): <input type="text" value="Red"/>
<input checked="" type="checkbox"/>	Yellow (2): <input type="text" value="Yellow"/>
<input checked="" type="checkbox"/>	Green (3): <input type="text" value="Green"/>
<input checked="" type="checkbox"/>	Other/Uninjured (4): <input type="text" value="White"/>

Options

Choose the Medical Options that you wish to use in MOBILE EMST™.

Medical Options

Transport Warning: <input type="checkbox"/>	Enable Agency <input checked="" type="checkbox"/>
Transport Assignment: <input type="text" value="Reception Center 1"/>	Enable Assignment <input checked="" type="checkbox"/>
Enable Identity Code <input type="checkbox"/>	Enable Origin <input checked="" type="checkbox"/>
Enable Complaint <input checked="" type="checkbox"/>	Origin Visible <input checked="" type="checkbox"/>
Enable Last Name <input checked="" type="checkbox"/>	Enable Destination <input checked="" type="checkbox"/>
Enable First Name <input checked="" type="checkbox"/>	Enable Priority <input checked="" type="checkbox"/>
Enable Gender <input checked="" type="checkbox"/>	Require Incident <input type="checkbox"/>
Enable Birth Date <input checked="" type="checkbox"/>	Triage Label <input checked="" type="radio"/> Triage Level
Enable Age UOM <input checked="" type="checkbox"/>	<input type="radio"/> Acuity
Enable Age <input checked="" type="checkbox"/>	

Transport Warning and Transport Assignment. If you check the box for Transport Warning you must type in a Transport Assignment. When the user enters a transport agency, unit and destination the patient will automatically be placed in the Transport Assignment.

Enable Identity Code. Check the box to enable the user to change the ID#. NOTE: This is not a preferred practice.

Enable Complaint. Check the box to enable the Complaint dropdown.

Enable Last Name. Check the box to activate the Last box.

Enable First Name. Check the box to activate the First box.

Enable Gender. Check the box to enable the Gender dropdown.

Enable Birth Date. Check the box to activate the DOB box.

Enable Age UOM. Check the box to enable the Age Unit dropdown.

Enable Age. Check the box to enable the Age functionality.

Enable Agency. Check the box to enable the Agency dropdown.

Enable Assignment. Check the box to enable the Assignment dropdown.

Enable Origin. Check the box to activate the Origin box.

Origin Visible. Check the box to activate the Origin label and make dropdown box visible.

Enable Destination. Check the box to activate the Destination box.

Enable Priority. Check the box to enable the user to change the Triage level. If the box is not checked the Triage level can only be changed during a scan (e.g., triage tag)

Require Incident. Check the box to require the user to select an external incident in order to start a medical incident. The external incident is a master incident which has been created Monitor → Incidents → Add.

Triage Label. Choose either the Triage Level or Acuity and it will appear as the label next to the dropdown. To define the text in the dropdown, go to Connect → Triage Priority.

PIV Manager

interTRAX® manager provides identity certificate and Public Key Infrastructure (PKI) management, Identity and Privilege List (IPL) management, Hot-List management and System management. NOTE: Personal Identity Verification (PIV) is specified by the Federal Information Processing Standard Publication 201 (FIPS 201)



Issuing Authorities

The Issuing Authorities report is a list of the Public Key Infrastructure (PKI) certificates that are used to determine if a credential was issued by a trusted authority. This list shows the Certificate Name, Issued and Expiration Date. In addition, the actual certificate bytes are stored in the database, and downloaded to the MOBILE PIV application for use in PIV certificate validation.

Remove. Removes the selected certificates

IPL Publisher URL. The URL endpoint of the Identity and Privilege List (IPL) publisher server used to source the Trusted Certificates

Is Certificate. This indicates if the above URL is for a single certificate, or to obtain the list of Certificates from the IPL publisher. If checked, then it is a single certificate

Add. Attempts to add certificate referenced in the URL field

Cancel. Cancels the operation

	Name	Valid From	Valid To
<input type="checkbox"/>	CN=AcmeCA	3/11/2008 10:46:14 AM	3/11/2018 10:54:55 AM
<input type="checkbox"/>	CN=ActivID2k3 CA-1	11/20/2009 12:55:24 PM	11/20/2029 1:05:08 PM
<input type="checkbox"/>	CN=ChoiceID Public SSP CA	12/19/2006 7:00:00 PM	12/19/2011 6:59:59 PM
<input type="checkbox"/>	CN=ChoiceID	12/18/2008 3:29:06 PM	12/23/2028 1:54:04 PM
<input type="checkbox"/>	CN=COPA CID Pilot CA	11/9/2006 7:00:00 PM	11/9/2011 6:59:59 PM
<input type="checkbox"/>	CN=CoreStreet Demo CA	5/5/2006 4:37:33 PM	5/5/2016 4:47:33 PM
<input type="checkbox"/>	CN=CoreStreet Test Certificate Authority A	10/24/2008 1:21:44 PM	10/22/2018 1:21:44 PM
<input type="checkbox"/>	CN=CS Demo Root Certificate Authority	5/5/2006 12:45:17 PM	5/5/2026 12:48:20 PM
<input type="checkbox"/>	CN=CT-GEN-MSO-CA-B1	12/5/2008 1:45:46 PM	12/5/2018 1:45:46 PM
<input type="checkbox"/>	CN=DHS Smart Card CA-2	12/8/2005 2:20:16 PM	12/8/2025 2:26:40 PM

1 2 3 4 5 6 7 8 9 10

Remove

IPL Publisher URL

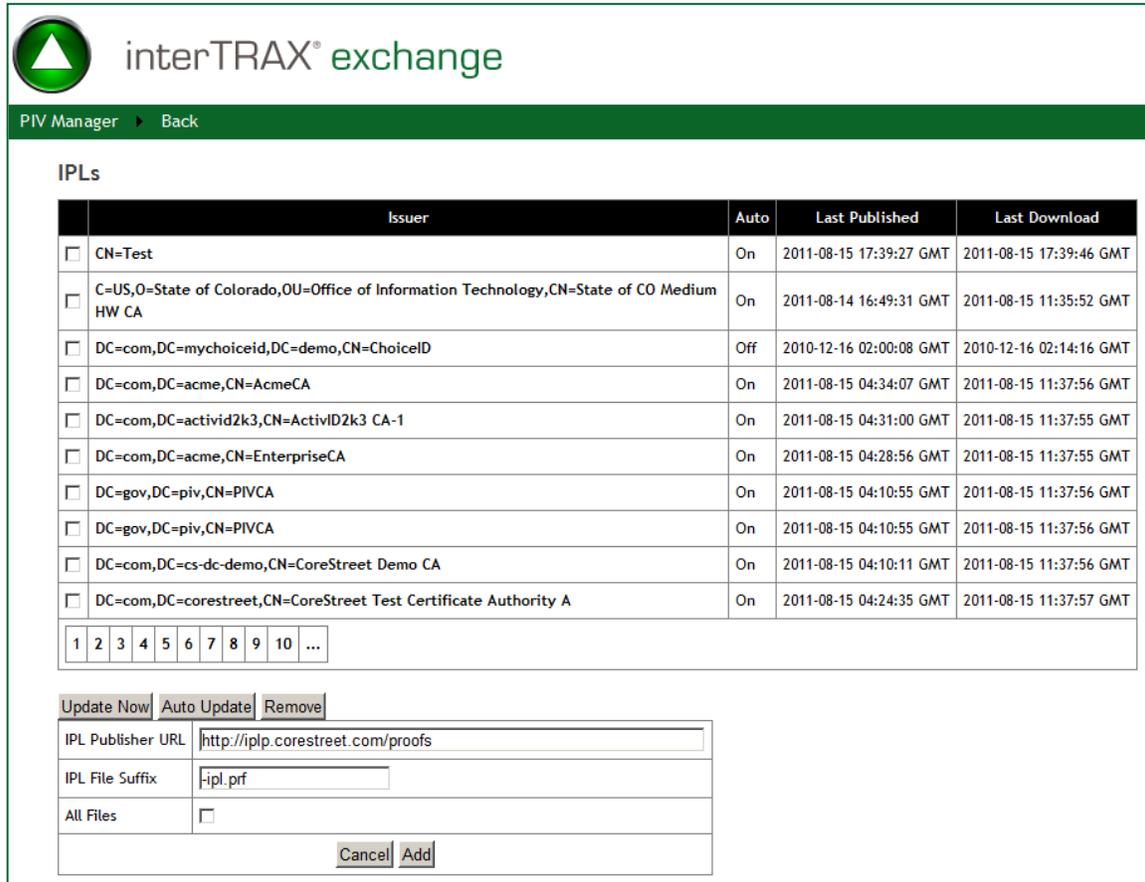
Is Certificate

Cancel Add

IPLs

The Identity and Privilege List (IPL) files contain Certificate Revocation List (CRL) data, and/or Identification Privileges for either a Certification or an Identity. If a Certificate or Identity has been revoked, it will be included in the IPL file marked as such.

In addition, the files contain privilege (or attribute) information related to the Certificate or Identity. This privilege data may represent training qualifications, and/or capabilities of the personnel or equipment associated with the credential.



The screenshot shows the interTRAX exchange PIV Manager interface. At the top, there is a logo for interTRAX exchange and a navigation bar with "PIV Manager" and a "Back" button. Below this, the main content area is titled "IPLs" and contains a table with the following columns: "Issuer", "Auto", "Last Published", and "Last Download". The table lists 11 different issuers, each with a checkbox in the first column. Below the table is a pagination bar with numbers 1 through 10 and an ellipsis. At the bottom of the interface, there is a configuration form with buttons for "Update Now", "Auto Update", and "Remove". The form includes fields for "IPL Publisher URL" (http://iplp.corestreet.com/proofs), "IPL File Suffix" (ipl.prf), and "All Files" (checkbox). There are "Cancel" and "Add" buttons at the bottom of the form.

	Issuer	Auto	Last Published	Last Download
<input type="checkbox"/>	CN=Test	On	2011-08-15 17:39:27 GMT	2011-08-15 17:39:46 GMT
<input type="checkbox"/>	C=US,O=State of Colorado,OU=Office of Information Technology,CN=State of CO Medium HW CA	On	2011-08-14 16:49:31 GMT	2011-08-15 11:35:52 GMT
<input type="checkbox"/>	DC=com,DC=mychoiceid,DC=demo,CN=ChoiceID	Off	2010-12-16 02:00:08 GMT	2010-12-16 02:14:16 GMT
<input type="checkbox"/>	DC=com,DC=acme,CN=AcmeCA	On	2011-08-15 04:34:07 GMT	2011-08-15 11:37:56 GMT
<input type="checkbox"/>	DC=com,DC=activid2k3,CN=ActivID2k3 CA-1	On	2011-08-15 04:31:00 GMT	2011-08-15 11:37:55 GMT
<input type="checkbox"/>	DC=com,DC=acme,CN=EnterpriseCA	On	2011-08-15 04:28:56 GMT	2011-08-15 11:37:55 GMT
<input type="checkbox"/>	DC=gov,DC=piv,CN=PIVCA	On	2011-08-15 04:10:55 GMT	2011-08-15 11:37:56 GMT
<input type="checkbox"/>	DC=gov,DC=piv,CN=PIVCA	On	2011-08-15 04:10:55 GMT	2011-08-15 11:37:56 GMT
<input type="checkbox"/>	DC=com,DC=cs-dc-demo,CN=CoreStreet Demo CA	On	2011-08-15 04:10:11 GMT	2011-08-15 11:37:56 GMT
<input type="checkbox"/>	DC=com,DC=corestreet,CN=CoreStreet Test Certificate Authority A	On	2011-08-15 04:24:35 GMT	2011-08-15 11:37:57 GMT

1 2 3 4 5 6 7 8 9 10 ...

Update Now Auto Update Remove

IPL Publisher URL

IPL File Suffix

All Files

Cancel Add

Issuer. The Certificate Authority to which the IPL data is related

Auto. If the list is configured to automatically update

Last Published. The date the IPL list was last published by the IPL Publisher Server

Last Downloaded. The date the IPL list was downloaded to the PIV Manager application

Update Now. Attempts to manually retrieve the selected IPL file(s) from the IPL Publisher Server

Auto Update. Manually initiates the Auto Update process to retrieve the selected IPL file(s) for those records marked as Auto = On

Remove. Removes the selected IPL file(s) from the PIV Manager

Signing Certificates

The Signing Certificates report is a list of signing certificates used to determine if the Identity and Privilege List (IPL) files retrieved from the respective IPL publisher server are authentic. The signing certificate is used as part of the IPL publisher update process to check that each file is valid and that the file source matches the expected source.

Remove. Removes the selected Signing Certificate(s)

Add. Adds the specified File as a Signing Certificate

Cancel. Cancels the operation

	Name	Valid From	Valid To
<input type="checkbox"/>	CN=cofrac2009iplSigner, OU=COFRAC System, OU=Office of Information Technology, O=State of Colorado, C=US	5/13/2009 7:23:43 PM	5/13/2010 7:23:43 PM
<input type="checkbox"/>	CN=CoreStreet Authority Signature	11/17/2005 9:53:34 AM	11/16/2010 9:53:34 AM
<input type="checkbox"/>	CN=CoreStreet Authority Signature, DC=demo, DC=mychoiceid, DC=com	3/18/2009 11:07:02 AM	3/17/2014 11:07:02 AM

Privilege Mapping

The Privilege Mapping report is a list of privilege (or attribute) mapping files that provide descriptions for the attributes assigned to the Certificate or Identities retrieved from the Identity and Privilege List (IPL) publisher file(s).

Remove. Removes the selected file(s)

Add. Adds the privilege mapping file referenced in the IPL Publisher URL field

Cancel. Cancels the operation

	URL	Last Modified
<input type="checkbox"/>	http://ensatus:3501/proofs/privilege-mappings.der	11/4/2009 7:51:40 AM
<input type="checkbox"/>	http://s3.mychoiceid.com/cofrac/privilege-mappings.der	3/12/2010 6:20:15 PM
<input type="checkbox"/>	http://s3.mychoiceid.com/demo/privilege-mappings.der	3/26/2010 6:55:39 PM
<input type="checkbox"/>	https://iplp.corestreet.com/proofs/privilege-mappings.der	1/14/2011 8:00:00 AM
<input type="checkbox"/>	https://twic.corestreet.com/proofs/privilege-mappings.der	10/27/2010 8:46:35 PM

TWIC Hotlist

The Transportation Worker Identification Credential (TWIC) Hotlist provides the reference URLs for the following files:

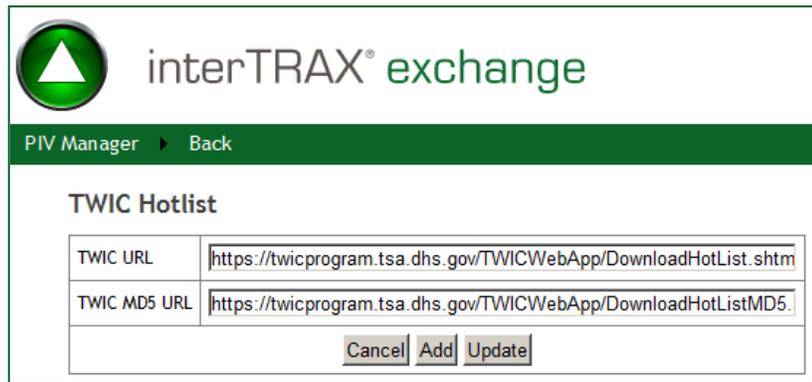
TWIC URL. The URL to the TWIC file that contains the list of revoked TWIC credentials

TWIC MD5 URL. The MD5 hash used to sign the TWIC URL data file. This file is used to determine if the TWIC URL file is downloaded successfully and that the file source is accurate.

Add. Adds new TWIC files

Update. Updates the TWIC files

Cancel. Cancel the operation



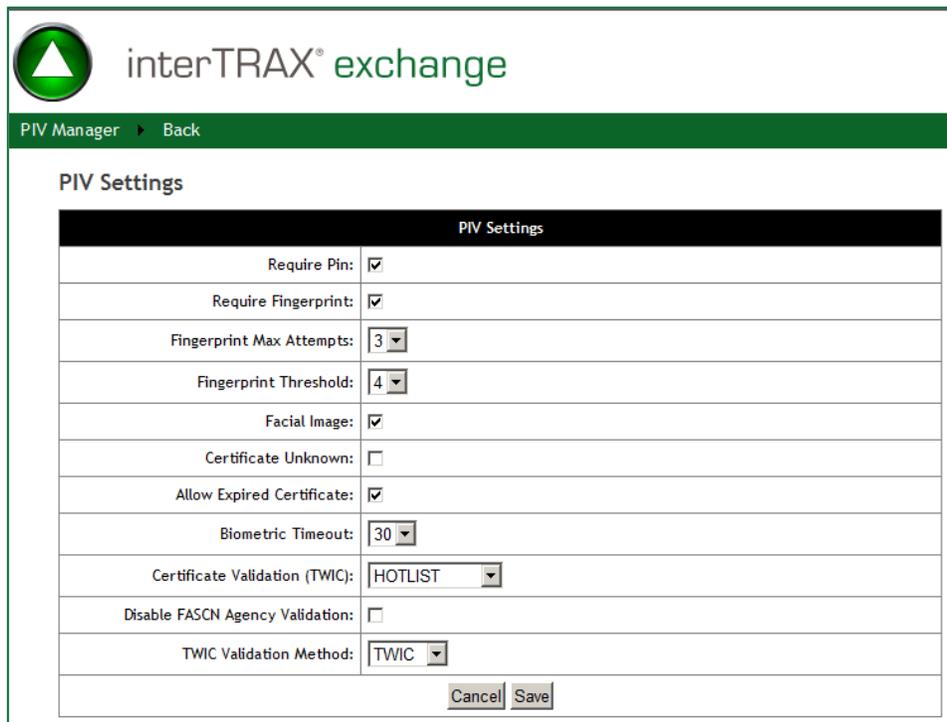
The screenshot shows the interTRAX exchange interface for the TWIC Hotlist. It features a green header with the interTRAX logo and a breadcrumb trail: PIV Manager > Back. The main content area is titled "TWIC Hotlist" and contains a table with two rows: "TWIC URL" and "TWIC MD5 URL". Both fields contain the URL "https://twicprogram.tsa.dhs.gov/TWICWebApp/DownloadHotList.shtm". Below the table are three buttons: "Cancel", "Add", and "Update".

TWIC Hotlist	
TWIC URL	https://twicprogram.tsa.dhs.gov/TWICWebApp/DownloadHotList.shtm
TWIC MD5 URL	https://twicprogram.tsa.dhs.gov/TWICWebApp/DownloadHotListMD5.

Buttons: Cancel Add Update

PIV Settings

The Personal Identity Verification (PIV) Settings enable the MOBILE PIV terminals to be dynamically configured for specific customer use cases.



The screenshot shows the interTRAX exchange interface for the PIV Settings. It features a green header with the interTRAX logo and a breadcrumb trail: PIV Manager > Back. The main content area is titled "PIV Settings" and contains a table with various configuration options. The table has a header row "PIV Settings" and several rows with labels and values. At the bottom are "Cancel" and "Save" buttons.

PIV Settings	
Require Pin:	<input checked="" type="checkbox"/>
Require Fingerprint:	<input checked="" type="checkbox"/>
Fingerprint Max Attempts:	3
Fingerprint Threshold:	4
Facial Image:	<input checked="" type="checkbox"/>
Certificate Unknown:	<input type="checkbox"/>
Allow Expired Certificate:	<input checked="" type="checkbox"/>
Biometric Timeout:	30
Certificate Validation (TWIC):	HOTLIST
Disable FASCN Agency Validation:	<input type="checkbox"/>
TWIC Validation Method:	TWIC

Buttons: Cancel Save

Require PIN. Indicates if a PIN validation step is required. If it is not required, validation stops once certificate check is finished.

Require Fingerprint. Indicates if fingerprint validation step is required. If it is not required, validation stops once PIN entry is finished.

Fingerprint Max Attempts. Controls the number of times a fingerprint can be matched. If the limit is reached, fingerprint validation fails.

Fingerprint Threshold. Represents the biometric match level necessary for a fingerprint to be matched successfully. The level represents a match score returned from the biometric matching step. If the match score exceeds the threshold, the fingerprint match is successful. If the match score is less than the threshold, the fingerprint match fails. The level can be tuned to match customer specific requirements.

Facial Image. Indicates if a facial image is displayed

Certificate Unknown. If checked, unknown or un-trusted certificates are allowed to pass through the Certificate validation step.

Allow Expired Certificate. If checked, expired PIV Authentication Certificates are allowed to pass through the certificate validation step.

Biometric Timeout. The specified period of time the fingerprint capture step will wait before returning to the PIV validation results. If fingerprint is not captured and matched in this time, the biometric capture will exit, and this will contribute to the number of fingerprint match attempts allowed. If set to 0, the form will wait an indefinite period of time.

Certificate Validation (TWIC)

DISABLE. Skips the Certificate validation

CERTIFICATE. Checks only the PIV Authentication Certificate for credential trust

HOTLIST. Checks only the HOTLIST for credential trust

ALL. Checks both the Certificate and HOTLIST for credential trust

Disable FASCN Agency Validation. Used to configure reader as a CHUID Validation Reader. If checked, the reader will not parse the CHUID's Federal Agency Smartcard Number (FASCN) to determine if the card belongs to an allowed agency.

TWIC Validation Method. Note: These methods are combined with the Certificate validation setting to determine how the TWIC certificate is checked for validity.

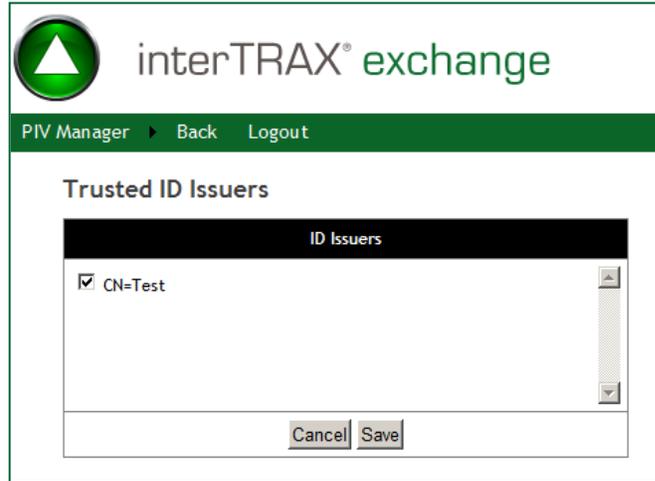
PIV. Validates a TWIC card as a PIV card, using a three factor authentication - certificate, PIN and biometric

TWIC. Validates a TWIC card using a two factor authentication - certificate and biometric

CHUID. Validates a TWIC card by checking the CHUID

ID Issuers

The Trusted ID Issuers are used with the Salamander Identity Verification (SIV) feature. The issuers checked in this form correspond to the allowed (or valid) identification issuers. This list of ID Issuers is downloaded to the MOBILE PIV device and is used to correlate Identity Organizations to an allowed Issuer. Once the Allowed Issuer has been mapped, the corresponding Identity and Privilege List (IPL) Publisher file can be referenced to determine if the Identity is allowed or revoked.



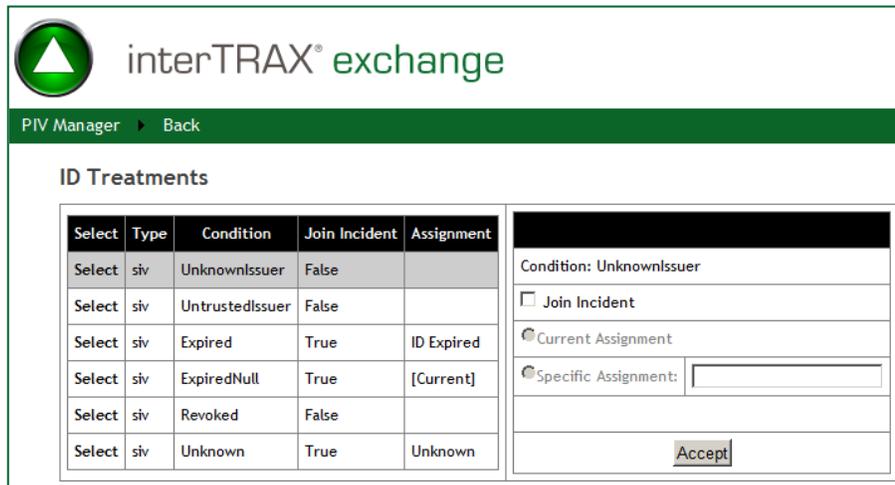
The screenshot shows the 'interTRAX exchange' interface. At the top, there is a navigation bar with 'PIV Manager', 'Back', and 'Logout'. Below this is the 'Trusted ID Issuers' section. It contains a table with the following data:

ID Issuers
<input checked="" type="checkbox"/> CN=Test

At the bottom of the form, there are 'Cancel' and 'Save' buttons.

ID Treatment

The ID Treatments option is used with Salamander Identity Verification (SIV). This configuration defines how an Identity is treated based upon the results of the validation.



The screenshot shows the 'interTRAX exchange' interface. At the top, there is a navigation bar with 'PIV Manager' and 'Back'. Below this is the 'ID Treatments' section. It contains a table with the following data:

Select	Type	Condition	Join Incident	Assignment
Select	siv	UnknownIssuer	False	
Select	siv	UntrustedIssuer	False	
Select	siv	Expired	True	ID Expired
Select	siv	ExpiredNull	True	[Current]
Select	siv	Revoked	False	
Select	siv	Unknown	True	Unknown

To the right of the table is a configuration panel for the selected condition, 'UnknownIssuer'. It contains the following options:

- Condition: UnknownIssuer
- Join Incident
- Current Assignment
- Specific Assignment:

At the bottom of the configuration panel, there is an 'Accept' button.

The Treatment options are:

Join Incident. If selected, this result will Join the validation result to the running incident

Current Assignment. If identity is joined to an incident, the currently specified assignment is used when adding the identity to the incident

Specific Assignment. If selected, the assignment specified is used when adding the identity to the incident

The Identity validation results that can be configured are:

Unknown Issuer. Results when no mapping between identity organization and issuer are found

Untrusted Issuer. Results when Issuer Mapping is found, but no Identity and Privilege List (IPL) publisher file can be found to verify individual identities

Expired. Results when identity is expired

Expired Null. Results when identity does not have expiration date

Revoked. Results when identity is revoked

Unknown. Results when an Issuer is known, but no record of identity is found in the IPL publisher file

Logout

Logout

Click to Logout