



interTRAX suite.

VERSION 3.5

interTRAX® suite of solutions

for ACCOUNTABILITY and INCIDENT COMMAND

Salamander Technologies is excited to announce the new version 3.5 of the **interTRAX® suite**! This best-of-class suite of solutions offers a complete line of tools for resource management including products for **IDENTIFICATION**, **INCIDENT** and **INTEROPERABILITY**.

interTRAX® suite of solutions

NEW FEATURES/ENHANCEMENTS



IDENTIFICATION

- > resourceMGR™
- > resourceMGR express™
- > resourceMGR web™
- > resourceMGR web SaaS™
- > rapidTAG™
- > rapidTAG evac™
- > ID designer™



INCIDENT

- > COMMAND™
- > MOBILE™
- > MOBILE PIV™
- > MOBILE express™
- > manual ACCOUNTABILITY™



INTEROPERABILITY

- > interTRAX® exchange
 - > interTRAX® PIV manager
 - > interTRAX® monitor
 - > interTRAX® reports
 - > interTRAX® connect

The interTRAX® suite has been enhanced to include a company object. The company object is a collection of responders, equipment, and qualifications that can be tracked during an incident as a single resource. A company can be printed to a barcode or encoded to a RFID smart card.

resourceMGR™

The resourceMGR application has been enhanced to allow pre-incident creation of company objects:

- > Company tab to create, edit, or remove companies from the system
- > Company detail form to collect the company name, ID, and organization affiliation. Detail form optionally collects the kind, NIMS type, designation, company leader, members, member roles, member's seat position, and company qualifications.
- > Company resource reports to list companies with expiring qualifications, companies by organization, companies by NIMS type, and company detail (member list)
- > Default company print designs in 2"x 3" (2-sided hard card) and 8.5"x 11" (multiple company labels)
- > Enhanced Export/Import feature includes companies and Coordinated NIMS Incident Planner (CNIP) output format.
- > Added support for Fargo DTC 1000 printer
- > Modified the Print Issue/Expire date behavior to allow greater control over the saved dates.

rapidTAG™

The rapidTAG application has been enhanced to allow speedy creation of company objects on the fly. Quickly check in company personnel using standard Sal-Tech credentials or state driver's license. Output the company object to an incident-specific tag for on-scene tracking:

- > Modifications to the company detail form to optionally collect: kind, NIMS Type, designation, qualifications, company leader, and members
- > Read existing company tags (barcode or RFID) to check into an incident
- > Add an Organization on the fly within a person, equipment, or company record
- > Print or encode incident specific companies into a tag for on-scene tracking

COMMAND™

The COMMAND application has been enhanced to support the new company tag, company leadership, and company fields:

- > Modified company report displays the new company fields and company leader
- > Added ability to read a company tag from barcode or RFID
- > Modified the add company form to include the new company fields: ID, Kind, NIMS Type, and Designation
- > Added the ability to designate or change the company leader
- > Added the ability to print or encode a company tag
- > Added a search by qualifications for companies

MOBILE/MOBILE Express™

The MOBILE applications have been enhanced to support the new company object within the roster and incident:

- > The company detail form has been enhanced to include additional company fields: ID, Kind, NIMS Type, and Designation
- > The operator can specify a company leader
- > The application can read a company tag from barcode or RFID
- > Directly from the Roster, the operator can encode an RFID company tag (MOBILE Express only)

- > Roster has been enhanced to allow the check-in and check-out (status) of members
- > Within an Incident, reading a company tag triggers a mini-PAR that allows the operator to verify the company contents before it is added to the incident
- > A search by qualifications has been added for companies
- > The scan target can now be changed by tapping on an assignment or company within the ICS tree rather than using the drop down selection method
- > Assignments and companies are listed separately in the 'assignment' drop down
- > Manually typed assignments may be saved by pressing the 'Enter' key
- > The Triage and Transport radio buttons have changed to 'Detail' and 'Rapid Entry'
- > The buttons at the bottom of the form have also changed to 'No Tag' for the 'Detail' radio button, which means "Press this button if you don't have a triage tag", and 'begin' for the 'rapid entry' radio button, which launches the rapid entry form

interTRAX Reports™

New feature includes:

- > Company activity report that communicates total time on scene for a company
- > PIV activity report that communicates total time on scene for a PIV identity
- > Assignment Report
- > Incident Summary Report
- > Activity reports now total time by individual and by organization

interTRAX Exchange™

See Salamander/Versus Patient Tracking Solution under **NEW PRODUCTS**.

All interTRAX® suite products

- > Updated driver's license parsing to latest version 4.08
- > Default triage priority list has been updated to consistently display color values Red – Black throughout the suite.

NEW PRODUCTS

ResourceMGR SaaS™

Experience the power of resourceMGR™ without the need for a large upfront investment with resourceMGR SaaS (Software as a Service):

- > No upfront capital investment required
- > Affordable annual subscription fee
- > Eliminates the need for an in-house IT department
- > Requires no local server installation or hardware
- > Accessible anywhere with an Internet connection
- > Ideal for multiple uses: reporting, checking credentials, locating equipment and people
- > Provides instant scalability

Salamander/Versus Patient Tracking Solution

Salamander Technologies and Versus Technology have integrated their technologies to create a seamless data collection-and-transfer process that can gather patient information at the site of an incident and push it to clinicians prior to hospital admittance.

This integration takes advantage of Salamander's electronic tagging and tracking capabilities that occur in a dynamic field environment, and Versus's real-time locating system (RTLS) expertise within the confines of a medical complex:

- > The Salamander solution allows emergency responders to quickly and accurately register and tag patients on scene
- > Triage, treatment and transport data is captured and managed in the disaster zone and then sent electronically to the Versus system via interTRAX exchange™.
- > Versus receives the data – including patient name, triage priority, chief complaint, transport agency, ETA, status, and incident name – and makes it visible on an electronic patient console within the hospital

- > The Versus RTLS can then locate the patient down to an individual bed, as well as identify any clinician or medical instrument that has come in contact with that patient since admittance

Coordinated NIMS Incident Planner (CNIP)

CNIP is a high-level Incident Action Plan development tool that standardizes and coordinates crucial and necessary information needed in an actual emergency or pre-planned event.

CNIP removes the bottleneck that comes with filling out numerous and repetitious ICS forms with an easy-to-use Wizard that walks planners through the completion process:

- > Generate complete action plan using Wizard interface
- > Create and build organizational charts, phone lists, task scheduling, and on-scene rosters
- > Populate leadership roles from pre-loaded personnel lists
- > Plan each operational period independently
- > Add photos and other pertinent information
- > Change or update completed plans anytime, anywhere in the program
- > Easily share copies through electronic PDF



IDENTIFICATION

- > resourceMGR express
- > resourceMGR express™
- > resourceMGR web™
- > resourceMGR web SaaS™
- > rapidTAG™
- > rapidTAG evac™
- > ID designer™

MAJOR BENEFITS

- > Unified single credential that can be field-validated and tested for authentication
- > Single resource database for unified list management of people, qualifications and equipment
- > Web-enabled and subscription-based offerings
- > Field-based security management for people who have this standard credential.
- > Unify mutual aid from local to federal under one credential model based on national standards and common SOPs for interoperability

PRODUCT OVERVIEW

resourceMGR™

Photo-ID card software for creating IDs includes resource management tools for managing personnel and equipment records, qualifications, certifications, and NIMS resource typing. Available in four versions – resourceMGR™, resourceMGR express™, resourceMGR web™, and resourceMGR web SaaS™ – this powerful software provides a solution for any size organization, department or agency.

- > Allows for high-capacity, machine-readable interTRAX® tag creation
- > Includes 30 reports for pre-incident reporting on personnel, equipment, assignments or qualifications
- > resourceMGR™ enables pre-incident, “back office” ID creation for unlimited personnel and equipment records

- > resourceMGR express™ allows for record creation for 250 responders, 20 pieces of equipment and 2 organizations
- > resourceMGR Web™ offers Web-based personnel management, printing, and card encoding
- > resourceMGR Web SaaS™ is an affordable annual subscription that eliminates the need for an in-house IT dept., is accessible from anywhere with an Internet connection, and provides instant scalability
- > Provides RFID support for all personnel and medical fields
- > Allows for import/export of personnel, equipment, company assignments, and qualifications

rapidTAG™ / rapidTAG evac™

Field software designed for creating incident-specific IDs and site passes for mutual aid, site visitors, and volunteers as well as evacuees or patients. Rapidly and accurately strips data from pre-existing IDs such as state driver’s licenses, and military CAC. All tags feature machine-readable, high-capacity interTRAX® data for automated tracking.

- > Ability to create companies, strike teams or task forces
- > Tags include permissions for expiration, role, and location
- > Field software for incident-specific IDs
- > Site passes for mutual aid and site visitors
- > Incident IDs for evacuees and civilians
- > High-capacity, machine-readable interTRAX® tag
- > Available in a self-contained work center/carry case

ID designer™

- > ID Designer is used to customize existing print designs or create new print designs.
- > Supports 2” x 1” labels up to 8.5” x 11” sheets
- > Uses static or variable text, graphics and images
- > Includes shapes and colors
- > Encode barcodes and magstripes
- > String together multiple fields
- > Print single- or multiple-record designs

NEW FEATURES/ENHANCEMENTS

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ResourceMGR SaaS™

Experience the power of resourceMGR™ without the need for a large upfront investment.

- > No upfront capital investment required
- > Affordable annual subscription fee
- > Eliminates the need for an in-house IT department
- > Requires no local server installation or hardware
- > Accessible anywhere with an Internet connection
- > Ideal for multiple uses: reporting, checking credentials, locating equipment and people
- > Provides instant scalability

rapidTAG™

The rapidTAG application has been enhanced to allow speedy creation of company objects on the fly. Quickly check in company personnel using standard Sal-Tech credentials or state driver's license. Output the company object to an incident-specific tag for on-scene tracking:

- > Modifications to the company detail form to optionally collect: kind, NIMS Type, designation, qualifications, company leader, and members
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IDENTIFICATION Feature Matrix

FEATURE	resourceMGR™	resourceMGR web/SaaS™	resourceMGR express™
Organization Entry	X		X (Limited to 2)
Personnel Entry	X	X	X (Limited to 250)
Equipment Entry	X	X	X (Limited to 20)
Assignment Entry	X	X	X
Qualification Entry	X		X
Personnel Printing (Personnel & Medical Containers)	X	X	X
IDCentre Card Design Printing (Personnel & Medical Containers)	X	X	
Smart Card Encoding (Personnel & Medical Containers)	X	X	X
Equipment Printing	X	X	X
Assignment Printing	X	X	X
Photo Capture	X	X (Limited to browsing file system)	X
Signature Capture	X		X
Notes	X		X
Resource Reporting	X	X	
Search, Filter, & Sort	X	X	X
Security Administration	X		X
Identity Verification	X	X	
Data Import/Export from/to Excel	X	X (Provided as service)	X
Driver's License Scanning	X		X (Requires additional purchase)



INCIDENT

- > COMMAND™
- > MOBILE™
- > MOBILE PIV™
- > MOBILE express™
- > manual ACCOUNTABILITY™

MAJOR BENEFITS

Single accountability SOP to unify disparate teams from local to federal.

- > Customizable electronic command board for situational awareness.
- > Portable for easy tracking of personnel and equipment at a scene.
- > Ability to display report data both locally and broadly.
- > True accountability of assignment, companies, equipment and personnel.
- > Ability to track victims and patients.
- > Comms-out/lights-out portable capability allows secure validation system to operate anywhere.
- > Real-time, portable card and biometric validation using up to four factor authentication.

PRODUCT OVERVIEW

MOBILE™

Handheld units capture data from ID tags for assigning and tracking personnel and equipment.

- > For larger incidents, able to sync data to COMMAND™.
- > Handheld unit captures data from IDs
- > Assigns and tracks personnel, patient/evacuees, and equipment -- Company or group tracking

MOBILE express™

Low-cost software for on-scene data capture and incident management. Capture data from ID tags for assigning and tracking personnel and equipment. Manage rosters and companies in a touch-screen easy-to-use "Tap-N-Go" interface.

MOBILE PIV™

Our mobile solution for Personal Identity Verification (PIV) of FIPS 201/FRAC, TWIC, CAC and smart cards. MOBILE PIV™ is

- > Listed on GSA FIPS 201 APL
- > CoreStreet® enabled for connecting to local, regional, state, and federal revocation lists.
- > Contact/contactless Smart Card interface
- > Trusted Issuer Certificate Verification
- > 4- factor identity verification (PIN, fingerprint, certificate, visual recognition) (ANSI/INCITS 378)
- > Data synchronization to COMMAND™/interTRAXexchange™
- > Windows Mobile 6.X and Windows CE 5.0 mobile computers

COMMAND™

- > Functions as an electronic command board
- > Consolidates MOBILE™ data into incident management chart
- > Produces summary PAR reports and sets multiple timers
- > Create templates from current or historical incidents and share with other COMMAND™ users
- > Interagency functionality tracks all responders, visitors, patients, evacuees and civilians
- > Sends data to interTRAX™ exchange
- > Dedicated Grace tab in COMMAND™
- > Receive Grace status notifications (Offline, Online, Rehab, Panic, and No Motion)
- > Available in a self-contained work center

manual ACCOUNTABILITY™

This traditional 2-tag accountability system utilizes collection rings and boards.

- > Tags feature machine-readable data; compatible with automated system
- > Traditional 2-tag system provides survivable back-up; ideal for volunteer departments/mutual aid
- > View the complete line of Manual products at www.salamandertechnologies.com/store.aspx



INCIDENT Feature Matrix

	COMMAND™	MOBILEexpress™	MOBILE™	MOBILE PIV™
Personnel Creation	X			
Equipment Creation	X			
Assignment Creation	X	X	X	X
Patient Creation	X		X	
Company Creation	X	X	X	
Printing/Encoding	X	X		
Personnel Tracking	X	X	X	X
Equipment Tracking	X	X	X	
Company Tracking	X	X	X	
Patient Tracking	X		X	
Drag n' Drop	X	X		
Timer(s)	X	X	X	
PAR	X	X	X	
Search, Filter, & Sort	X	X		
Identity Verification	X			X
Notes	X			
Reporting	X			
Viewable Command Log	X	X		X



INTEROPERABILITY

- > interTRAX® exchange
- > interTRAX® PIV manager
- > interTRAX® monitor
- > interTRAX® reports

MAJOR BENEFITS

- > Gather and unify data into one interoperable view
- > Display and report all local scene data anywhere in the world in real-time
- > Track deployed resources to determine available remaining units
- > Federal standard solution interfaces with all federal security initiatives
- > One unified, non-proprietary model combines all resources and securely validates knowledge, skills and attributes.
- > 100% support of FIPS 201, PIV, PIV-I, Military CAC, TWIC, FRAC (FEMA-ID), Illinois FRAC, Colorado FRAC, and MABAS IL

PRODUCT OVERVIEW

interTRAX® exchange

Makes incident data available to the Web via Salamander's interTRAX® monitor or 3rd party integration:

- > Provides situational awareness to off-scene agencies (EOCs, hospitals, public health, etc.)
- > Communication and XML-based architecture
- > Data synchronization server

interTRAX® PIV manager

- Identity certificate and Public Key Infrastructure (PKI) management
- Identity Privilege (IPL) management
- Hot-List management
- System management

interTRAX® monitor

- Off-scene viewing of real-time responder, patient and evacuee incident activity
- Review and run report remotely
- View personnel and equipment qualifications to determine resource allocation
- See data anywhere Internet connectivity is available

interTRAX® reports

- Access to incident data in real time and post-incident
- Creates historical incident log for responders
- Documents resource usage for reimbursements
- Provides chain-of-custody for patients and evacuees

interTRAX® connect

- Optional feature for customers using rapidTAG evac™ and/or MOBILE™ EMS
- Allows for population of data fields to include hospitals, shelters, transport agencies or expanded patient complaints
- Gathered data can be uploaded to MOBILE™ EMS or rapidTAG evac™.

NEW FEATURES/ENHANCEMENTS

interTRAX® exchange

Seamless patient data collection-and-transfer solution makes visible total chain of custody:

- > Triage, treatment and transport data is captured and managed on-scene and sent via Web to the Versus system
- > Patient name, triage priority, chief complaint, transport agency, ETA, status, and incident name are received by Versus and made visible on electronic patient console within hospital

interTRAX® reports

New reports aid in cost accounting and reimbursements:

- > PIV Activity Report
 - Shows incident role, time in, time out, assigned time and elapsed time
- > Assignment Activity Report
 - Displays activity within each assignment
 - Includes name, ID number, organization, date, time and total time
- > Company Activity Report
 - Lists companies within each organization
 - Shows activities with each company, including assignments, time in and out, assigned and elapsed time
- > Incident Summary Report:
 - Shows resource count and duration
 - Lists total number of organizations, responders and equipment
 - Reports total number of hours for responders and equipment



HARDWARE AND OPERATING SYSTEM REQUIREMENTS FOR interTRAX® V.3.5

In order to ensure optimal performance from the Salamander Technologies interTRAX® suite of solutions, it is highly recommended that these guidelines are followed.

OPERATING SYSTEMS:

- > **Windows XP SP3 (x86)**
- > **Windows 7 Home Premium or above (x86 or x64)**

NOTE: Windows 7 Installers support both 32-bit (x86) and 64-bit (x64) processor architectures. Windows XP installers are limited to 32-bit processor architectures.

Minimum System Requirements	COMMAND™	interTRAX® reports	rapidTAG™/ rapidTAG evac™	resourceMGR™	MOBILE express™
Processor	1.4 GHz	1.4 GHz	1 GHz	PIII Compatible (2GHz min)	2 GHz
RAM	2 GB	2 GB	2 GB	2 GB	2GB
Graphic Memory	128 MB	128 MB	128 MB	128 MB	256 MB
Video Card	DirectX 9.0	DirectX 9.0	DirectX 9.0	DirectX 9.0	Direct 3D 9/10/11
Screen Resolution	800 x 600	800 x 600	800 x 600	1024 x 768	1024 x 768
Free Hard Disk	8 GB	8 GB	1GB	8 GB	8 GB
DVD DRIVE	Yes	Yes	Yes	Yes	Yes
USB Ports	3	1	3	1	2
Internet Information	Windows XP SP3 - IIS Windows 7 - IIS 7.5		–		–

A DVD drive, as appropriate, is required for installation from disc.

OTHER SOFTWARE REQUIREMENTS

COMMAND™	interTRAX® reports	rapidTAG™	resourceMGR™
Microsoft SQL Server '08 Express Edition SP2 .NET Framework 4.0 Adobe Acrobat Reader Internet Information Services (IIS)	Microsoft SQL Server '08 Express Edition SP2 .NET Framework 4.0 Internet Information Services (IIS)	Microsoft SQL Server '08 Compact Edition 3.5 SP .NET Framework 4.0	Microsoft SQL Server '08 Express Edition SP2 .NET Framework 4.0

INTEROPERABILITY OF SUITE COMPONENTS

In order to achieve maximum performance with COMMAND™ and interTRAX® reports, COMMAND should be loaded on a separate, field-use computer, and interTRAX reports should be loaded on a separate, back-office computer.

It is possible to load rapidTAG™ and rapidTAG evac™ onto the same computer. However, loading either rapidTAG™ or rapidTAG evac™ onto a computer with COMMAND™ is possible but unadvised and is not consistent with Salamander Technologies best practices.

ADDITIONAL INFORMATION

It is important that the processor speed should be the fastest required by any piece of the interTRAX® suite software being installed. Additionally, the RAM required should be the sum of all the RAM requirements for each piece of software that will be installed on a computer. Likewise, the free hard disk space required for a successful installation should also be the sum of all the required hard disk space for all of the software being installed on any single computer. Performance may be a major issue (e.g. memory swapping) if attempting to run products concurrently.

HOW TO UPGRADE

All customers who have an active TRAXsupport™ subscription agreement are entitled to receive the equivalent v.3.5 interTRAX® software. To make arrangements to receive this new version, contact your local Salamander Technologies sales person or Salamander's Technical Support Department at 877/430-5577. To install the new version on your existing equipment, you have two options: (1) Our technical support team will assist you over the telephone on a no-charge basis; (2) A price quote will be provided to come on-site and complete the upgrade for you.

Want to learn more about the interTRAX® suite of solutions? Salamander Technologies offers daily online demos. To sign up for a demo visit www.salamandertechnologies.com, call us at 877/430-5171, or send an information request to info@salamandertechnologies.com.

Salamander Technologies Products Address and Meet the Following Standards

- Homeland Security Presidential Directive (HSPD) 5: Management of Domestic Incidents
- Presidential Policy Directive (PPD) 8: National Preparedness
- Homeland Security Presidential Directive (HSPD) 12: Policy for a Common Identification
- Standard for Federal Employees and Contractors
- Homeland Security Presidential Directive (HSPD) 24: Biometrics for Identification and Screening to Enhance National Security
- Homeland Security Act of 2002 (Public Law 107-296)
- The Real ID Act of 2005 (Public Law 109-13)
- The Pass ID Act of 2009 (S.1261)
- The Privacy Act (5 U.S.C. 552a)

FIPS 201 Standards are supported by: PIV and PIV-I, Military CAC, Transportation Workers TWIC, FEMA FIPS, Colorado FRAC (CoFRAC) and others. MOBILE PIV is listed on the GSA FIPS 201 APL

Commercial Off the Shelf (COTS) products COMMAND, MOBLE, RapidTAG, RapidTAG evac, ResourceMGR and InterTRAX exchange support and reinforce the National Incident Management System (NIMS) standards of operation and resource typing. Additionally the Field Services installation and training services and courses are based in the training and support of that NIMS directive. COTS solutions provide the customer with the adopted standards in resource typing, implementation and operation.

National Fire Protection Agency (NFPA)

- (NFPA) 1026: COTS provide direct support of the accountability, position description and resource management guidelines
- (NFPA) 1500, 1561: COTS and Best Practices provide direct support for safety and accountability guidelines
- (NFPA) 1851: COTS solutions of COMMAND™, MOBILE™, and assetTRAX™ provide the user with the ability to meet and exceed the guidelines set forth in the standard
- (NFPA) 1561: Standard on Emergency Services Incident Management System

American Association of Motor Vehicle Administrators (AAMVA)

- (AAMVA) DL/ID-2000 standard for data strip and military barcodes use; and American National Standards Institute (ANSI) 1-1996 and 284-1997 standards for health industry barcodes and health care identification cards.
- RapidTAG™ and Mobile EMS™ provide direct support and decoding of driver licenses built to the AAMVA standards. The solutions also support the use of credit card and Military ID (CAC) barcodes.

RFID

- The Salamander Technologies Inc. best practices RFID technology follows the International Organization for Standardization (ISO) 15693 and 14443 standards. This includes the NXP MiFare Desfire® EV1/D40 and HID iClass cards.

interTRAX[®] suite is protected by U.S. Patent No. 5,596,652; 5,793,882; 5,573,278; 6,761,312; 7,191,934



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