



VERSION 3.1

interTRAX[®] suite of solutions

for ACCOUNTABILITY and INCIDENT COMMAND

Salamander Technologies is excited to announce the new version 3.1 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**. Version 3.1 of the **interTRAX[®] suite** includes new features and performance enhancements, as well as exciting new product offerings now available for purchase.

interTRAX[®] suite of solutions



IDENTIFICATION

- > **resourceMGR[™]**
- > **resourceMGR express[™]**
- > **resourceMGR web[™]**
- > **rapidTAG[™]**
- > **rapidTAG evac[™]**
- > **IDdesigner[™]**



INCIDENT

- > **COMMAND[™]**
- > **MOBILE[™]**
- > **MOBILE PIV[™]**
- > **MOBILE express[™]**
- > **manual ACCOUNTABILITY[™]**



INTEROPERABILITY

- > **interTRAX[®] exchange**
- > **interTRAX[®] PIV manager**
- > **interTRAX[®] monitor**
- > **interTRAX[®] reports**

NEW FEATURES

resourceMGR express[™]

Personnel records capacity has been increased to allow 250 responders, 20 pieces of equipment and 2 organizations. Further adjustments to the equipment and organization limits can be made with special arrangements and licensing.

COMMAND[™]/Grace InCommand Integration

Salamander Technologies and Grace Industries have brought together Grace's Personal Alert Safety System (PASS) and COMMAND's detailed accountability tracking into one solution. The COMMAND[™] application now supports two-way communication with Grace InCommand software including the display and management of Grace status, alerts, and text messages in real-time.

- Dedicated Grace tab in COMMAND[™]
- Colorful user interface to quickly identify PASS device status
- Receive Grace status notifications (Offline, Online, Rehab, Panic, and No Motion)
- Receive Grace text messages
- Trigger messages (Evacuate, Roll Call, and PAR)
- Associate a responder with a Grace PASS device
- Simultaneously track Grace PASS status and responder movement through assignments
- Report on Grace PASS events for an individual or an entire incident



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NEW FEATURES (cont'd.)

COMMAND[™] Templates

COMMAND[™] has been enhanced to incorporate custom flowchart template creation, which will speed ICS chart setup and foster incident planning. Saved templates include assignments, assignment hierarchy, tabs, and checklist items.

- Create templates from current or historical incidents
- Share templates with other COMMAND[™] users

NEW PRODUCTS

manual ACCOUNTABILITY[™]

Vital to the success of the two-tag accountability system are the tools used to manage an incident. In conjunction with the interTRAX[®] 3.1 release, Salamander Technologies is proud to announce the release of its newly redesigned manual ACCOUNTABILITY[™] products.

- IM Aluminum Binder: Heavy-duty incident management binder measures approx. 13" x 15" when closed. Binder opens to hold a First Due Board and a 50-page Tactical Worksheet pad.
- First-Due Board: White, two-sided First-Due Board measures approx. 12.5" x 14.5". Front of NIMS-style board features spring clips for organizing ID collector rings, while the back features four 8.5" velcro strips for securing IDs using the P.A.S.S. system.
- IM Tactical Worksheets: Choose from Bio/Chemical or IM Flowchart formats in three styles: Laminated/oversized, 50-page workpads, and Plexiglas-encased worksheets.

To view the complete line of Salamander Technologies' manual ACCOUNTABILITY[™] products or to place an online order, visit www.salamandertechnologies.com.

MOBILE express[™]

The 3.1 launch introduces MOBILE express[™] -- a new software solution for on-scene data capture and incident management. This application comes pre-loaded on a standard laptop as part of our EXPRESS Accountability Kit[™], or it can be purchased separately to stand alone on a customer's existing laptop or PC.

MOBILE express[™] allows you to:

- Define a custom view arranging features by workflow
- Exchange data with COMMAND[™] (2-way sync)
- Manage a roster of one or more companies including a 'check in' and 'check out' feature for company members
- Create, monitor, close and re-open incidents
- Track personnel, equipment and companies
- Perform PAR and set timers for the entire incident or individual assignments
- Login and access medical data stored securely in responder credentials
- Dynamically discover and share data with other MOBILE express[™] users on the same network in real time



IDENTIFICATION

The foundation of the interTRAX® suite is identity creation and management. These products are capable of creating high-capacity, machine-readable ID cards and tags for agency personnel and equipment, as well as site passes for mutual aid, site visitors, and evacuees. Standardized “auto ID” tags are essential for computerized incident management, site security, and personnel accountability. The interTRAX® suite of solutions is at the forefront of NIMS resource typing, identity verification, and auto ID technologies to assist in complying with emerging state and federal standards.



IDENTIFICATION

- > [resourceMGR™](#)
- > [resourceMGR express™](#)
- > [resourceMGR web™](#)
- > [rapidTAG™](#)
- > [rapidTAG evac™](#)
- > [IDdesigner™](#)

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
- New Web-enabled offering
- 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 three versions – resourceMGR™, resourceMGR express™, and resourceMGR web™ – 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
- Provides RFID support for all personnel and medical fields
- Allows for import of qualifications



IDENTIFICATION

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.

- 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

resourceMGR™

- Enhanced import allows images to be referenced using a relative path. This means the spreadsheet need only contain the image name rather than the entire file system path.
- Relaxed record locking when utilizing the identity verification features in resourceMGR™. The responder's organization and personnel ID are now editable after registration.

resourceMGR express™

- Relaxed record limitation now allows up to 250 responders. The limits for organizations and equipment can also be adjusted if special arrangements are made.



IDENTIFICATION

resourceMGR™ IMPLEMENTATION OPTIONS

FEATURE	resourceMGR™	resourceMGR web™	resourceMGR express™
Organization Entry	X		X (Limited to 2)
Personnel Entry	X	X	X (Limited to 250)
Equipment Entry	X		X (Limited to 20)
Assignment Entry	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
Assignment Printing	X		X
Photo Capture	X	X (Limited to browsing file system)	X
Signature Capture	X		X
Notes	X		X
Resource Reporting	X		
Search, Filter, & Sort	X	X	X
Security Administration	X		X
Identity Verification	X	X	
Data Import from Excel	X		X
Driver's License Scanning	X		X (Requires additional purchase)



INCIDENT

At the core of the interTRAX® suite is on-scene, computerized incident management. Using auto-ID technologies, a person's identity can be verified on-scene and all personnel can be tracked to know who is at the site, what their qualifications are, where they are assigned, and when they arrived/departed or last had a status check. Suitable for a variety of incidents, interTRAX® can be used for fires, natural disasters, evacuations, field events, exercises, etc. An interagency mode allows incident commanders to track all types of personnel - responders, evacuees, and volunteers or site visitors.



INCIDENT

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

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

manual ACCOUNTABILITY™

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

- Tags feature machine-readable data
- Compatible with automated system
- Ideal for volunteer departments and mutual aid
- Traditional 2-tag system-survivable back-up

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
- Syncs data to COMMAND™

MOBILE express™

New 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.



INCIDENT

PRODUCT OVERVIEW (cont'd.)

MOBILE PIV™

Our mobile solution for Personal Identity Verification (PIV) of FIPS 201/FRAC, TWIC, CAC and smart cards. MOBILE PIV™ is CoreStreet® enabled for connecting to local, regional, inter-state, Federal Data Bridges or other hot lists.



- Personal Identity Verification
- FIPS 201 Interoperable
- Smart card interface (contact/contactless)
- Trusted Issuer Certificate Verification
- PIN verification
- Fingerprint reading
- Biometric fingerprint templating/ matching (ANSI/INCITS 378)
- User interface to streamline four-factor identity verification
- Data synchronization to COMMAND™/interTRAX®/exchange
- Windows Mobile 6.X and Windows CE 5.0 mobile computers
- PIV manager Web application to manage trusted certificates
- Personal identity approved/revocation list

COMMAND™

Functions as an electronic command board.

- Consolidates MOBILE™ data into incident management chart
- Produces summary PAR reports and sets multiple timers
- Interagency functionality tracks all responders, visitors, patients, evacuees and civilians
- Sends data to interTRAX™ exchange
- Available in a self-contained work center/ carry case

NEW FEATURES

COMMAND™

The Command application now supports two-way communication with Grace InCommand™ software including the display and management of Grace status, alerts, and text messages in real-time.

- Dedicated Grace tab in COMMAND™
- Colorful user interface to quickly identify device status
- Receive Grace status notifications (Offline, Online, Rehab, Panic, and No Motion)
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- Associate a responder with a Grace PASS device
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- Report on Grace PASS events for an individual or an entire incident

Enhanced to incorporate custom template creation, which will speed the ICS chart setup and foster incident planning. Saved templates include assignments, assignment hierarchy, tabs, and checklist items.

- Create templates from current or historical incidents
- Share templates with other COMMAND™ users

MOBILE PIV™

Added support for Motorola MC75A device with the optional biometric attachment.

MOBILE™

- Updated to include millisecond precision when creating a patient ID
- Improved scanning consistency in the Medical and Transport forms



INCIDENT

NEW PRODUCTS

manual ACCOUNTABILITY™

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MOBILE express™

New low-cost software for on-scene data capture and incident management. Capture data from ID tags for assigning and tracking personnel and equipment.

- Define a custom view arranging features by workflow
- Exchange data with COMMAND™ (2-way sync)
- Manage a roster of one or more companies including a 'check in' and 'check out' feature for company members
- Create, monitor, close and re-open incidents
- Track personnel, equipment, and companies
- Perform PAR and set timers for the entire incident or individual assignments
- Login and access medical data stored securely in responder credentials



INCIDENT FEATURE MATRIX

Feature	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	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



interTRAX suite version 3.1 DEVICE SUPPORT

Device	IMAGE	COMMAND Sync Server Next Generation	MOBILE	MOBILE PIV
Symbol PPT 2846 OS: WM 2002, 2003		X (One Way Sync From v1.7)		
Symbol PDT 8146 OS: WM 2003		X (One Way Sync From v1.7)		
Symbol MC50 OS: WM 2003			X	
Symbol MC9000 OS: WM 2003			X	
Symbol MC70 OS: WM 5.0			X	X
Symbol MC9090 OS: WM 5.0			X	
Motorola MC55 OS: WM 6.1			X	
Motorola MC75 OS: WM 6.1			X	X
DAP Technologies OS: CE 5.0			X	X

INTEROPERABILITY

The ability to share and view the data collected at the scene of an incident in real-time is the pinnacle of the interTRAX® suite. Sharing incident data with off-scene facilities or sister agencies to promote situational awareness, resource management, and interagency coordination is a paramount benefit of interTRAX exchange™. These Web-based applications can monitor the incident in real time to determine the status of deployed resources as well as the status of multiple casualty incident patients or evacuees. Post-incident reports are available for a variety of purposes—including documentation of resources used—to receive reimbursements or budget relief from state or federal agencies.

INTEROPERABILITY

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

MAJOR BENEFITS

- Reporting of all information anywhere in real-time for any incident being tracked
- Data gathering and unifying into one interoperable view of all local scene data displayed anywhere in the world in real-time
- See a perspective of resources deployed to determine available remaining units to help fulfill other requests
- A true enterprise-class communication infrastructure that shares data in geospatial display in an unattended view
- Federal standard solution to interface with all federal security initiatives.
- One unified, non-proprietary model to combine all resources and securely validate their knowledge, skill and attributes.
- 100% support of these identity mandates: FIPS 201, PIV, PIV-I, Military CAC, TWIC, FRAC (FEMA-ID), Illinois FRAC, Colorado FRAC (CoFRAC), and MABAS ID

NEW FEATURES

interTRAX connect™

interTRAX connect™ now offers greater control over MOBILE EMS configuration options, including:

- Enable or disable patient ID editing
- Enable or disable user input in the Complaint, Last Name, First Name, Gender, Birth Date, Age, Agency, Unit, Assignment, Origin, and Destination fields
- Hide or show the origin field
- Toggle the triage label text to Triage Level or Acuity
- Automatically move patients to a specific assignment such as Off Scene when a transport agency, unit, and destination are specified.
- Force MOBILE EMS incidents to associate with an external medical incident started in interTRAX® exchange.



PRODUCT OVERVIEW

interTRAX® exchange

This service makes incident data available to the Web – either through 3rd party applications or via our Web-based interTRAX monitor™ user interface. This data pipeline provides situational awareness to off-scene agencies such as emergency operations centers, public health agencies, volunteer organizations, shelters and hospitals.

interTRAX® PIV manager

Web-based PIV Issuer Certificate / CRL Management Connection

- Identity Certificate and PKI management
- Identity Privilege List (IPL) management
- Hot list management
- System policy management
- Web-based interconnection management
- Web services integration server
- Communication and XML messaging architecture
- Data synchronization server
- Third-party application integration

interTRAX® reports

Provides access to incident data for various reasons including: post-incident analysis, a historical incident log for each responder or resource, a chain-of-custody record for evacuees or patients, documentation of resource usage required to receive cost reimbursements or budget relief.

- Access to incident reports in real-time and post-incident
- Documentation for resource usage and reimbursements
- Chain-of-custody for patients and evacuees

interTRAX® connect

An optional feature for customers using rapidTAG evac and/or MOBILE with the EMS tab. interTRAX® connect allows for the population of the data fields in either of these two programs so that additional facilities including hospitals or shelters, transport agencies, or additions to the complaint list can easily be made and downloaded to the MOBILE unit or laptop running rapidTAG evac at the scene.



HARDWARE AND OPERATING SYSTEM REQUIREMENTS FOR interTRAX v. 3.1

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 (x86)
- Windows 7 (x64)

* 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 class
Screen Resolution	800 x 600	800 x 600	800 x 600	1024 x 768	1024 x 768
Free Hard Disk Space	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

- Microsoft SQL Server 2008 Express Edition SP2
- .NET Framework 4.0
- Adobe Acrobat Reader
- Internet Information Services (IIS)

interTRAX reports

- Microsoft SQL Server 2008 Express Edition SP2
- .NET Framework 4.0
- Internet Information Services (IIS)

rapidTAG

- Microsoft SQL Server 2008 Compact Edition 3.5 SP2
- .NET Framework 4.0

resourceMGR

- Microsoft SQL Server 2008 Express Edition SP2
- .NET Framework 4.0

Interoperability of Suite components:

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

It is possible to load rapidTAG and rapidTAG evac onto the same computer. 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.3.1 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-5: Management of Domestic Incidents; Homeland Security Directive 8: National Preparedness; Homeland Security Presidential Directive 12: Policy for a Common Identification Standard for Federal Employees and Contractors; Homeland Security Presidential Directive 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) and the Privacy Act (5 U.S.C. 552a).
- FIPS 201 Standards are supported: PIV and PIV-I, Military CAC, Transportation Workers TWIC, FEMA FIPS, Colorado FRAC (CoFRAC) and others.
- 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. In addition the solutions support the use of credit card, and Military ID (CAC) barcodes.

RFID

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



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