



# Version 5.1 Release Notes

ImageTrend is constantly committed to enhancing our product by adding new features to improve user friendliness and to adhere to our goal of providing up-to-the-minute technology for our EMS and Fire communities.

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*\* The numbers listed in parenthesis following many of the bullet points in this document refer to ImageTrend's internal development tracking tool ID.*

*\* Please note that the ImageTrend Field Bridge release notes for this version are contained in a separate document.*

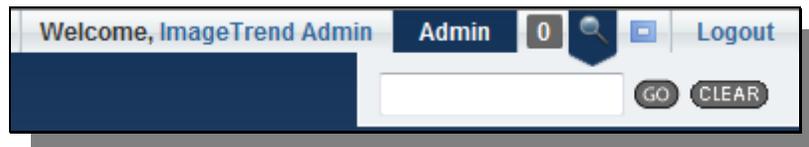
For specific questions about this release, please contact the ImageTrend Support department at (952) 469-1589 or visit <http://support.imagetrend.com>.

For information about any of the optional components, or any sales questions, please contact ImageTrend EDS Sales at (952) 469-6131 or e-mail [sales@imgatrend.com](mailto:sales@imgatrend.com).

# General Enhancements

## Miscellaneous Updates

- The search functionality in the upper right hand corner now behaves as it originally did in version 4 of Service Bridge.
  - For a single service user, it will search on Incident Number, EMS Unit Response Number, Patient Care Report Number and the patient's last name. (This search criteria corresponds to EMS runs only).
  - For a user who has content rights to multiple services, the search functionality will search on services.





## Service/State Bridge (EMS) Enhancements

### Hospital Dashboard Enhancements *(Optional Component)*

- The Hospital Dashboard will also display the calls where the hospital of the user logged in is listed as a "Base Hospital" on the run. Results that are base hospital contacted runs are marked with the  icon.
- A new search filter has been added to search on "Base (Hospital) Contacted". This dropdown is populated with destinations that are designated as a "Base Hospital" underneath "Admin >> Run Form >> Resources >> Destinations". See screenshots below.



**Edit Destination**

Destination Name	ABC Hospital
Code	1311223 *
Region	Minnesota ▼
Hospital Level	<input type="text"/>
Designation	<div style="border: 1px solid #ccc; padding: 2px;"> <ul style="list-style-type: none"> <li>Burn Center ▲</li> <li>Pediatric Center</li> <li>Neonatal Center</li> <li>Rehab Center</li> <li style="background-color: #0056b3; color: white;">Base Hospital ▼</li> </ul> </div>

- There are now new options in the Activity Settings popup within Recent Activity. Previously there were two checkboxes, Unit Arrival Time and Unit Departure Time. The new options are 'Arrival or Departure Time' and 'Incident Creation Date'.

**Activity Settings**

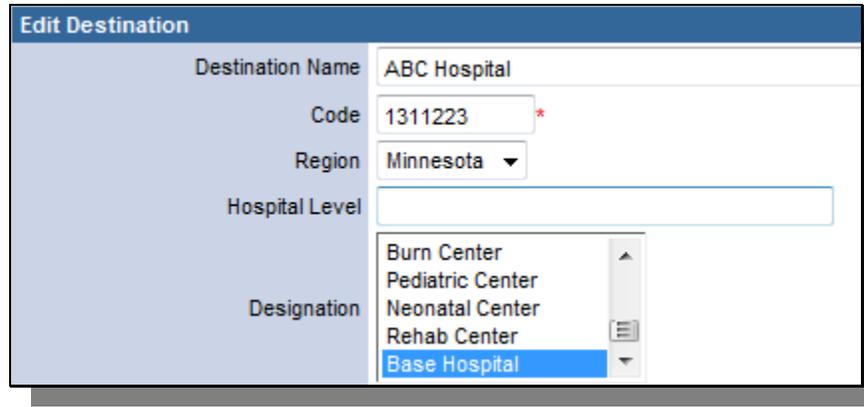
Show me patients in the last:  hour(s)

Sort patients by: Arrival or Departure Time ▼

- Unit Arrival Time
- Unit Departure Time
- Arrival or Departure Time
- Incident Creation Date

## Standard Run Form Updates

- The "Base Hospital Contacted" field will no longer show all the destinations in the system but will only display those destinations that have been flagged as "Designation = Base Hospital" underneath "Admin >> Run Form >> Resources >> Destinations". See screenshots below.



The screenshot shows a web form titled "Edit Destination". It contains the following fields:

- Destination Name: ABC Hospital
- Code: 1311223 (with a red asterisk indicating a required field)
- Region: Minnesota (dropdown menu)
- Hospital Level: (empty text box)
- Designation: (dropdown menu with options: Burn Center, Pediatric Center, Neonatal Center, Rehab Center, Base Hospital. "Base Hospital" is currently selected and highlighted in blue.)

## New Fields Available

- EMS Vitals Data Field
  - IT1.53 Carbon Monoxide

Note: Please note that this field is set to not show on run forms by default. It can be enabled by system administrators or by contacting ImageTrend.
- Demographic Data Field
  - IT23.1 Hospital Designations

## Layout Editor Enhancements

- Earlier when working in the layout editor and/or filling out an incident using the Dynamic Run Form, the system would timeout as if the user was inactive. This has now been corrected.

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## Dynamic Run Form (EMS) Enhancements

### New Fields Available

Note: Please note that some fields are set to not show on run forms by default. These can be enabled by system administrators or by contacting ImageTrend.

- IT5.23 Base Hospital Contacted Filtered: This new control will only display those destinations that have been flagged as "Designation = Base Hospital" underneath

"Admin >> Run Form >> Resources >> Destinations". See screenshots below (64144).

- IT5.36 Receiving Hospital Unit (64307)
- New Vitals Fields
  - IT1.50 Assisted Respiration Rate (64310)
  - IT1.51 Sedation Score (64311)
  - IT1.52 Sedation Score Type (64312)
  - IT1.53 Carbon Monoxide (64497)

### **Critical Care Module Enhancements *(Optional Component)***

- A lot of new Balloon Pump fields are available (64377):
  - Activity Time
  - IT25.2 Crew Member ID
  - IT25.3 Transducer Zeroed
  - IT25.4 Trigger Utilized
  - IT25.5 IABP Frequency
  - IT25.6 IABP Augmentation
  - IT25.7 Slow Gas Leak Alarm
  - IT25.8 Timing
  - IT25.9 IABP Fill
  - IT25.10 Inflation Point
  - IT25.11 Deflation Point
  - IT25.12 Augmentation Alarm Set
  - IT25.13 Left Brachial Pulse
  - IT25.14 Distal Pulse Present in Affected Extremity
  - IT25.15 Insertion Site
  - IT25.16 Extremity Restrained
  - IT25.17 Diastolic Augmentation
  - IT25.18 Unaugmented Diastole
  - IT25.19 Diastolic Dip
  - IT25.20 Augmented Systole
  - IT25.21 Unaugmented Systole

- A "Fishbone Diagram" control is now available for labs fields (56545).

A fishbone diagram control for lab fields. The diagram consists of a horizontal spine with two diagonal ribs on each side. On the left side, there are six input fields arranged in a 2x3 grid. The top row contains Na: (mEq/L), Cl: (mEq/L), and BUN: (mg/dL). The bottom row contains K: (mEq/L), CO2: (mEq/L), and Creat: (mg/dL). On the right side, there are three input fields: Ca: (mEq/L), Glu: (mg/dL), and Mg: (μg/L). Each input field is a text box with up and down arrow buttons on the right side.

- A "CBC Diagram" control is now available for labs fields (64363).

A CBC diagram control for lab fields. The diagram consists of a horizontal spine with two diagonal ribs on each side. On the left side, there are two input fields: WBC: (k) and RBC: (k). On the right side, there is one input field: Plt: (k). In the center, there are two input fields: Hgb: (g/dL) and Hct: (%). Each input field is a text box with up and down arrow buttons on the right side.

## Miscellaneous Updates And Fixes

- MAP value is auto-calculated in the Vitals Power Tool once the values for blood pressure have been entered. The MAP value will also appear next to the blood pressure values in the left-hand column of the power tool (64375).



## Fire/Rescue Bridge (Fire) Enhancements

### NFIRS Run Form Enhancements

- The current NFIRS rules have been upgraded to be 2012 compliant. These new NFIRS rules have been built to only take effect on NFIRS incidents when an alarm date/time after 1/1/2012 has been documented on them.
- None check boxes were added to the G2 – Estimated Dollar Losses and Values. If checked, the field is cleared out and disabled.

A screenshot of a software form titled "G2 - Estimated Dollar Losses and Values". The form is divided into two main sections: "LOSSES" and "PRE-INCIDENT VALUE". Under "LOSSES", there are two rows: "Property \$" and "Contents \$". Each row has a text input field followed by a "None" checkbox. The "LOSSES" section is labeled as "Required for all fires if known. Optional for non-fires". The "PRE-INCIDENT VALUE" section also has two rows: "Property \$" and "Contents \$", each with a text input field and a "None" checkbox. At the bottom of the form, there is a navigation bar with options: "Hazardous Materials Release / I - Mixed Use Property / J - Property Use". Below the navigation bar, a "Detector" dropdown menu is partially visible.

### Investigations Module Details (Optional Component)

- A new form question type called "Military Time" is now available.
- A new grid form element called "Evidence" has been added that captures the details of collected evidence. It also includes a sub-grid to track the chain of custody.

EVIDENCE				
Description	Date of Incident	Case Investigator	Current Location	Status
Fingerprints	11/04/2011	John		Stored 
<a href="#">Add Evidence Item</a>				

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**EVIDENCE INFORMATION**

Date of Incident:   Today Today      Case or Incident #:

Description:       Case Investigator:

Received From:       Received By:

Status:  

Chain of Custody			
Location	Receiving Individual	Date Received	
Station	Paul	11-04-2011	

[Add Custody Record](#)

- Form questions have the ability to be set as required when filling out a form. This behaves similar to the run forms, as it does not prevent the user from submitting or saving a form. It only warns them by highlighting the question and displaying a validation message at the top of the form. Also, on the form list summary page, the user will be alerted if there is an incomplete form.

* Gas	<input type="text"/>
* Water	<input type="text"/>

Validation
<ul style="list-style-type: none"> <li>"Gas" is a required field</li> <li>"Water" is a required field</li> <li>"Foundation" is a required field</li> </ul>

- The Witness form element will display the witness age at the time of the investigation. The age is calculated using the witness' date of birth and the interview date.

WITNESSES						
No.	Name	Phone	DOB (age)	Employer	Interviewed By	Interviewed On
1	Cody Masten	654-654-6545	08-25-1985 (26 years old)			11-04-2011

[Add Witness](#)

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**WITNESS INFORMATION**

Interviewed On:  Today  
 Name:   
 Street Line 1:   
 City:   
 DOB:  Gender:   
 Drivers License #:  State:

Interviewed By:   
 Phone:   
 Street Line 2:   
 State:  Zip:   
 Race:

- Each document in the documents section within an investigation now has a description field. This can be populated after selecting which document to upload, or after it has been uploaded.

**Upload Documents**

Click the 'Browse...' button to select files to upload to this investigation. After you select files, edit their details and then click on the 'Upload Files' button.

File Upload

Upload Queue

File Name:	Jellyfish.jpg	Description:	<input type="text"/>
File Size:	757.52KB		
Date Created:	Tue Jul 14 2009		
Document Name:	Jellyfish.jpg		
Document Type:	A doc type		

**Edit Document**

**Edit Document**

Name

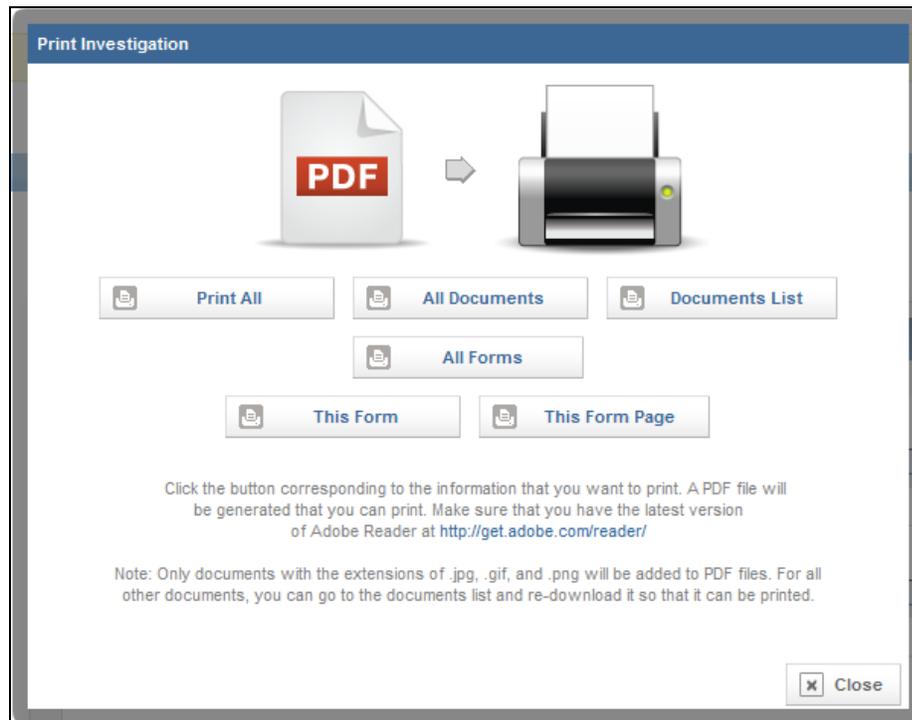
Document Type

Description

Document [CC\\_series\\_3.jpg](#)



- The print functionality within an investigation has been enhanced to allow the user to print the documents list. This is in addition to the several other print options that are already available.



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## Reporting Enhancements

### EMS Reports

- "Region Average" has been added to the "Procedure Competency Report".
- Four options have been added to the "EMS CAD Reconciliation Report":
  - Default (How it currently works)
  - Missing CAD - This will list all CAD incidents that do not have a matching EMS incident.
  - Missing EMS - This will list all EMS incidents that do not have a matching CAD record for them.
  - Missing Both CAD and EMS - This will list all CAD incidents that do not have a matching EMS incident and all EMS incidents that do not have a matching CAD record for them.

**Dispatch Search Criteria**

Dispatch Date: 10/27/2011 0700 to 11/03/2011 0700

Service: -- Select Service --

Unit: ALL

Missing CAD / EMS / Both:
  Default
  Missing CAD
  Missing EMS
  Missing CAD AND EMS

Display:
  All Records
  No Matches Found

Group by Incident Number:
  Yes
  No

Display Unit Number:
  Yes
  No

**Search** **Reset**

## Fire Reports

- A new fire canned report called 'Keyholder Report' is available. Results can be filtered by location, occupant or both.

**Keyholder Report**

Created/Modified Date Range: 01/01/2011 to 11/04/2011

Report Type:
  All Services
  Multiple Services
  Single Service

Report Sections:
  Location
  Occupant
  Both

**Continue**

- A new report option called "Average Non-Transport Call Time By Unit" has been added to the "NFIRS Run Data Report". This option has the ability to select which times to report on.

**NFIRS Run Data Report**

Date Incident Reported: 01/01/2011 to 11/04/2011

Report Type:
  All Services
  Multiple Services
  Single Service

**Sections to display on report**

Select All

Units
  Incidents By Day Of Week
  Incidents By Hour Of Day

Mutual Aid Given
  Mutual Aid Given Summary
  Property Use By Month

Incident False Alarms By Address

Average Non-Transport Call Time By Unit from: Dispatch Time to: Arrival Time

**Continue**