Version 5.0 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.

Contents

** 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.

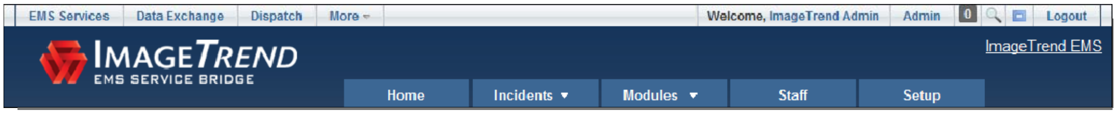
For information about any of the optional components, or any sales questions, please contact ImageTrend EDS Sales at (952) 469-6131 or e-mail sales@imagetrend.com.

Release Highlights

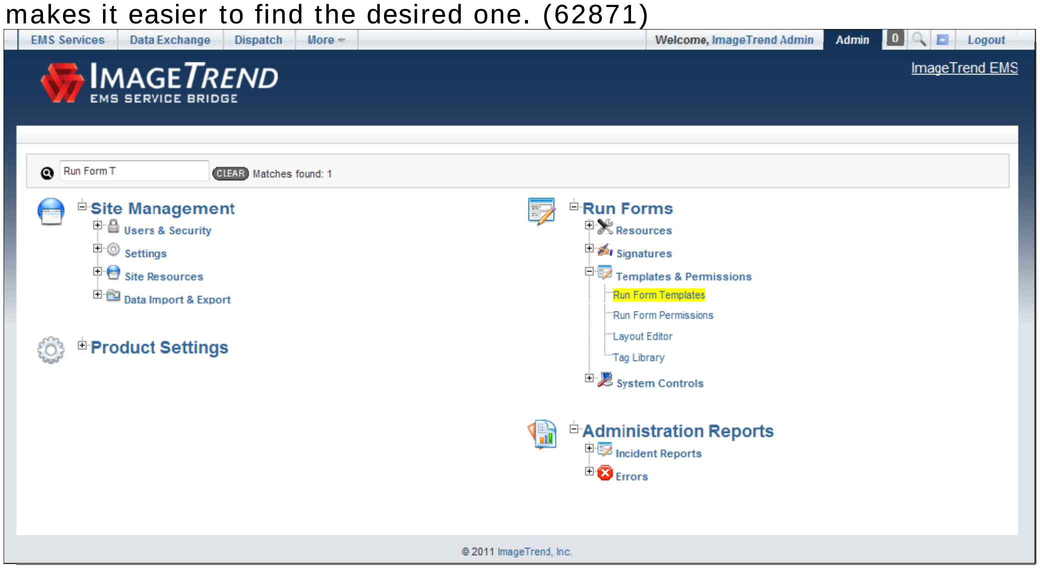
- Updated “look”
  - You will notice a new look to our Web-based application that involves different colors and logos.
  - The menu grouping and wording has been updated in order to make it even faster and easier for you to find what you need within the application.
- New Fire modules
  - We have added an Investigations module and a new Maintenance section (contained within Inventory). Maintenance is a free addition to everyone that currently owns a Rescue Bridge or Fire Bridge with an up-to-date support agreement.
- Validation Engine
  - You now have the ability to write validation rules against values contained within grid records, specifically including activities.
  - You can now set up closed call requirement for any specific validation rules, meaning you cannot post from a Field Bridge without fulfilling those specific rule(s) (marked with the closed call flag set).
  - The *Administration* section for creating and editing rules is now much more intuitive (for example, there are lookups for data sections and elements now).
- State Bridge
  - Several settings can now be managed from the *System Administration* section, including runs locking, audit tracking and active protocols.
- Layout Editor
  - Many speed optimizations have been added, including:
    - All screens load much faster.
    - The *Back* button now takes you up a level instead of all the way out to the home page.
    - Layout tabs now appear across the top of the page just like they do within Field Bridge and Dynamic Run Form.
- Dynamic Run Form (DRF)
  - The DRF now has the capability of collecting signatures online.
  - A newly-designed rapid entry multi-select control has been added. It will only display those values that have previously been chosen so that the user does not have to scroll down the list box to see what is selected.
- Configurable AMA section
  - You can create your own dynamic questions.
  - AMA-specific Patient and Technician signatures are now included.
  - Providers have the ability to lock the answers/signature independent of the rest of the incident.
- Provider Actions
  - You can mix and match vitals, procedures, medications, EKG and medical assessment fields into a grouping with a single *Save* button, allowing for chronological documentation for specific situations.

Improved User Interface Details

- The Service/Rescue Bridge interface has been redesigned to allow for:
  - *Smoother and faster navigation* - The left hand menu and top menu navigation tabs on the screen have been reorganized for ease of use. (62871)



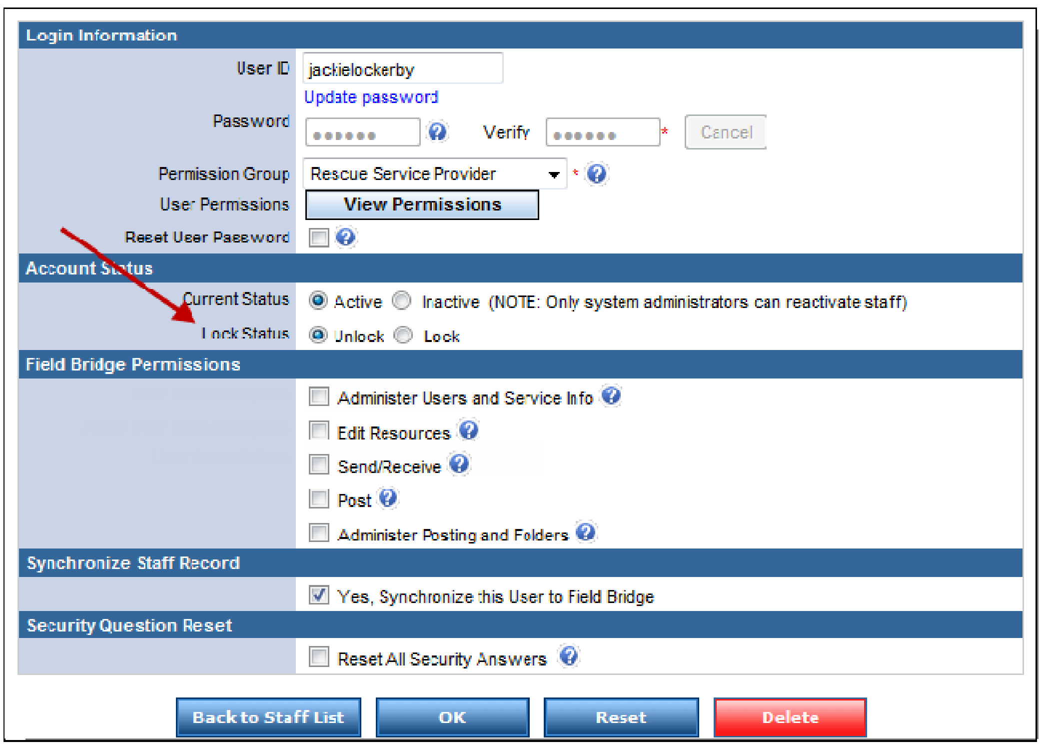
  - *More room for documentation* - The new design allows for a wider screen during data entry of runs. (62871)
  - *Faster service selection* - For users who are associated with or have rights to multiple services, there is a new search option that is available by clicking on the service name on the top right corner to quickly switch to the desired service. (62871)
  - *Administration options search* - The administration section has better organization of all of the underlying options, and a smart search feature makes it easier to find the desired one. (62871)



  - *Better cross-browser compatibility* – The new layout is much more compatible across Internet Explorer, Firefox and Chrome than the previous versions.

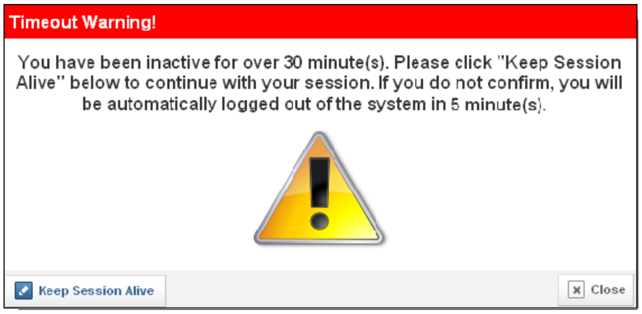
New Locked User Status Details

- We have created a new locked status for all users.
    - There are now two different types of statuses that are assigned to each user.
        - Locked status is a new flag on the user record, allowing you to mark a user account as locked or unlocked. It is set when a staff member exceeds the allowed number of password attempts, is inactive for the a certain period of time or is manually locked by a service or a state administrator.
        - Active status is set by a service or system administrator or by syncing with Licensure. A system administrator is the only one who can re-activate a staff member. This status allows you to mark a user profile as active or inactive.
            - *This is still the status that you would set to “inactive” when a person is leaving your service/staff.*
        - The main difference between the two types of statuses is that users marked as “locked” will still show up on the active staff list and in the drop down lists to be recorded as a crew member or as performing an activity on calls. Setting a user to “inactive” removes them from these lists. Locked users can also be unlocked by service administratorss whereas inactive users cannot.
            - *This new Locked status will not affect Field Bridge or TapChart logins.*



Security Enhancements Details

- The automatic session timeout alert will show up in the center of the user's screen and has been redesigned for more clarity. (63014)



New Fields Available

- Pulse Quality: IT1.43
- Data Section: IT5.45; Description: Transferring Physician / Referring MD. (60306)
- Data Section: IT5.46; Description: Receiving Physician / Accepting MD. (60308)
- Base Hospital Contacted Date: IT5.48
- Level of Service Provided: IT5.49
- Transporting Agency: IT5.50
- PSAP/Dispatch Center: IT5.51
- Incident Area Classification: IT5.52

New Critical Care Fields *(Optional Component)*

- [Critical Care] Overhead LZ Time: IT5.47
- [Critical Care] Pulse Right Carotid: IT20.63
- [Critical Care] Pulse Left Carotid: IT20.64
- [Critical Care] Pulse Right Brachial: IT20.65
- [Critical Care] Pulse Left Brachial: IT20.66
- [Critical Care] Pulse Right Popliteal: IT20.67
- [Critical Care] Pulse Left Popliteal: IT20.68
- [Critical Care] Integumentary: IT20.69
- [Critical Care] Airway: IT20.61
- [Critical Care] Cardiovascular: IT20.62
- [Critical Care] Added the new Integumentary assessment sub-grouping to the Assessments Grid control
- [Critical Care] Added the ability to Add/Remove/Edit buttons on the Assessments Grid control

Miscellaneous Updates

- The Services Reporting report will no longer display demo services. (61417)
- CAD details will now include "Complaint Reported to Dispatch." (61419)

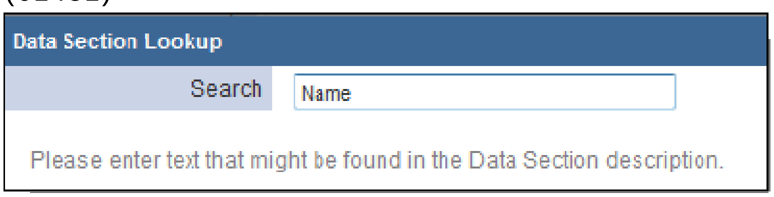
Report Writer Updates and Fixes

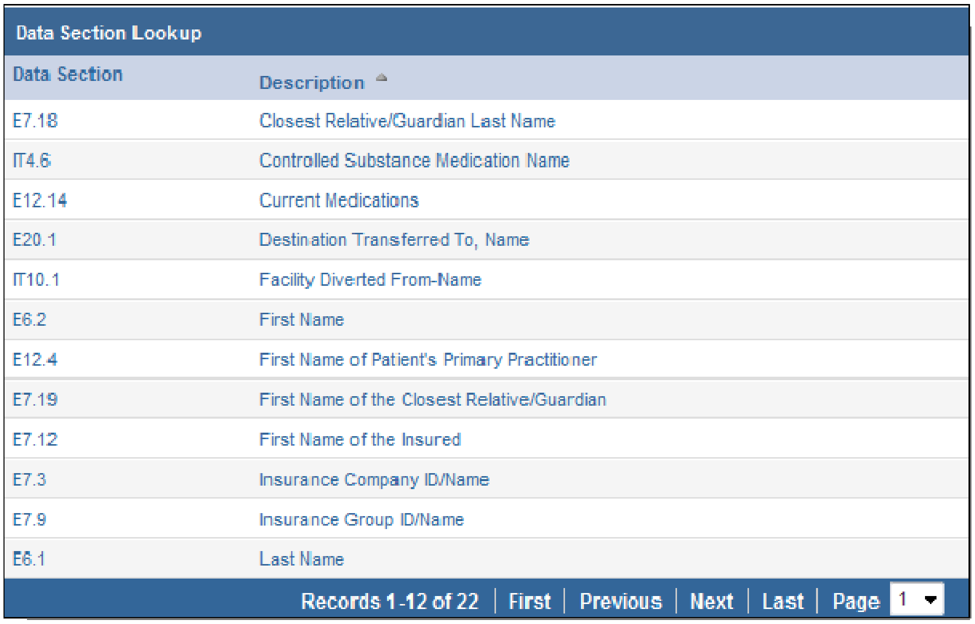
- Added filters for "Category," "Sub-category," and "Start Date" on the training search page. (58950)
- Added a new field, “Primary method of payment,” to the Incident dataset. (61248)
- Added audit fields to the Incident dataset. (61275)
- Added the fields “User Updated” and “Date Updated” to the Incident dataset. (60188)
- Added the “Review Requested” field (E23_01) into the Incident dataset. (60572)
- Added Location/Occupant/Inspections SDQs to the Location/Occupant/ Inspections dataset. (60388)
- Added a filter on the criteria page to allow users to enter a "Spent Time" range for the Compensation report and the Detailed Payroll report. (58917)
- Resolved an issue with the “Broken Seal Number” field for Incident dataset. (61348)
- Resolved an issue where sort order wasn't working when grouping in Report Writer. (48869)
- Resolved an issue with the staff level filter not returning the correct results on the Procedure Competency report. (61661)
- Apparatus Type and Apparatus Code are now displaying correct results. (58907)
- Hazmat Chemical Name field is now displaying the code and not the description. (59692)
- Resolved an issue where the "Runs by Injury" graph report criteria wasn't working correctly. (37802)
- Resolved an issue where the QA/QI Report wasn't displaying the crew member name after the certification ID had been changed. (58776)
- Resolved an issue where the Response Time Performance Analysis - Time Threshold and the Response Time Performance reports weren't returning any data. (59720)
- Resolved an issue where all standard report criteria pages were displaying all staff members and not just active staff members. (59931)

Service/State Bridge (EMS) Enhancements

Validation Engine Enhancement Details

- All validation rules will now require an error message to be displayed if the rule's requirements are not met. (47092)
- Added the IT8.45 (Billing Requirement) field into the validation engine. (60397)
- The validation engine has undergone several enhancements to simplify the processes involved in building validation rules, as well as offer the user the ability to build more complex ones.
    - *Data Section Lookups* – A helpful search functionality has been added to search for the desired data sections to ease building of comparisons. Also, the data section selection is no longer based on "Control Name" and "Panel Name," allowing the user to search for the actual data section code/name. (61431)



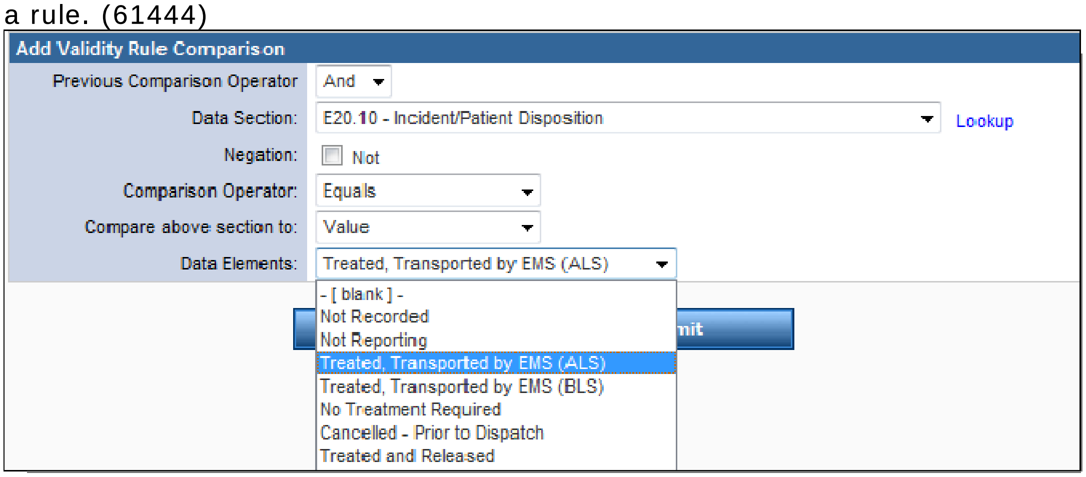


Data Section Lookup

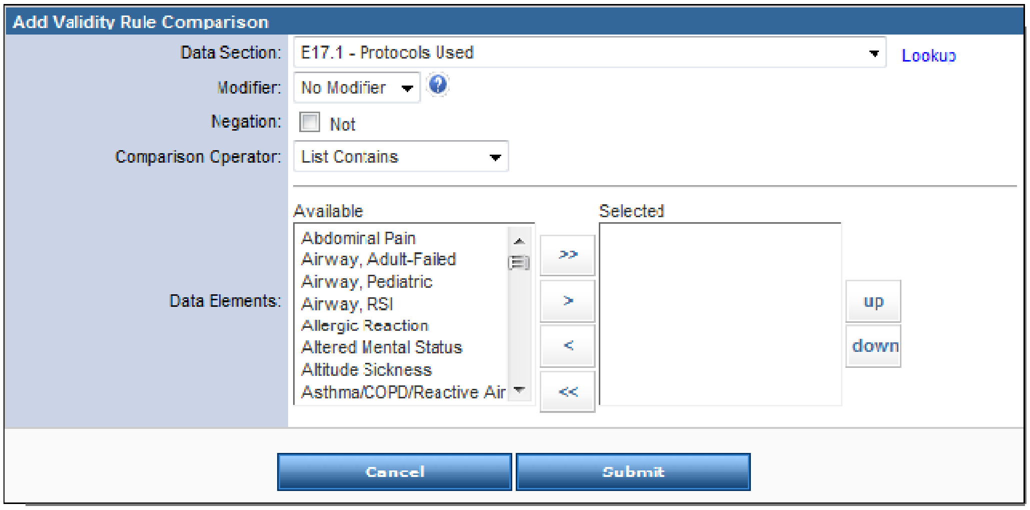
Data Section	Description
E7.18	Closest Relative/Guardian Last Name
IT4.6	Controlled Substance Medication Name
E12.14	Current Medications
E20.1	Destination Transferred To, Name
IT10.1	Facility Diverted From-Name
E6.2	First Name
E12.4	First Name of Patient's Primary Practitioner
E7.19	First Name of the Closest Relative/Guardian
E7.12	First Name of the Insured
E7.3	Insurance Company ID/Name
E7.9	Insurance Group ID/Name
E6.1	Last Name

Records 1-12 of 22 | First | Previous | Next | Last | Page 1

- *Data Element Selection* – System administrators can now select the data element rather than needing to write out the data element ID when setting up a rule. (61444)



- *Slush Boxes* – The list boxes/slush boxes (which were very helpful in the new Report Writer) have also been implemented in the validation engine to rapidly select multiple data elements for a particular data section (for example, medications, procedures, protocols used etc.). (63758)



- o *Modifier Updates* –
  - ▪ The new "Length Of" modifier helps validate the length of the field. (61457)
  - ▪ The new "Count Of" modifier helps validate the total count of the selected field (for example the count of total medications documented on the run). (61457)
  - ▪ The new "Total Count Of" modifier helps validate the total count of fields such as "skin assessment" or "medication complications documented" on all records in the run. (In contrast, the "Count Of" could be used on skin assessment when using "run per record" to determine the count of skin assessment per assessment). (61492)
  - ▪ The "List Contains" modifier has been enhanced to accept more than one value (i.e., an actual list of values). It will now work similar to an "IN" operation. (61455)

- o *Closed call rules* – System administrators have the capability to set up closed call rules (per individual validation rule), which will effectively prevent posting from Field Bridge to Service/State/Rescue Bridge unless the rule is satisfied. (62014)

- o *Rules around fields within grids* - Validation rules can be built around fields within grids like the Activities, Assessment or Insurance grids. For example, rules tied around fields like Blood Pressure or Pulse Rate can now easily be created. (62057, 32965)

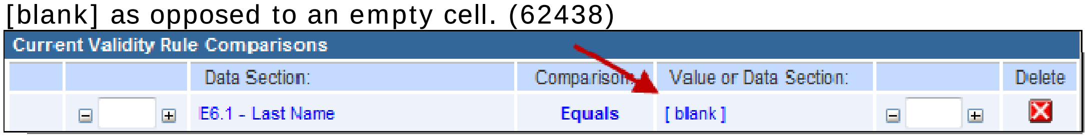
- o *Runs per record* – The "Runs per record" setting on a validation rule allows building rules around grids (for example, the Activities grid, Assessment grid, etc.) so that each particular record within the grid has the rule applied to it for the run to pass validation. (63446)
  - ▪ Example 1: A rule can now be written so that for each procedure recorded, procedure attempts must not be blank.
  - ▪ Example 2: A rule can now be written so that for each medication recorded, the "Medication Time" must be after "Arrive at Patient Time" or "Prior To Arrival" must be "Yes."

- Example 3: A rule can now be written so that for each insurance record, the “Insurance Company ID/Name” must not be blank.

- *Demo service rules* – Rules can now be built so that they only apply to demo services. This way the system administrator can build validation rules and test their functionality on demo services before switching them on for all of their services. (61461)

- *Rule notes* – Additional notes can be documented on a validation rule by the system administrator. These rules will not display in the run forms, but can be helpful in further describing a specific validation rule. (61465)

- *[blank] value clarity* – When no value is selected while building a comparison, the display grid of the comparisons for a specific rule will display the value as [blank] as opposed to an empty cell. (62438)



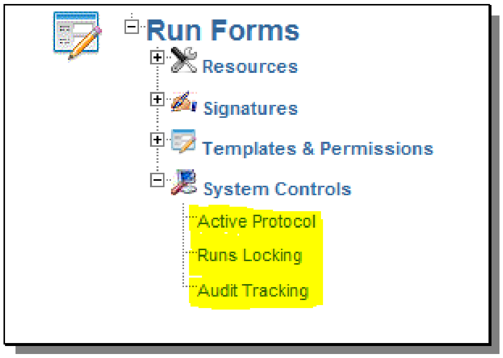
- *Associating a rule to the Standard Run Forms* - The system administrator can now quickly associate a rule to the related Standard Run Form immediately after creating the rule. From the *Edit Rule* screen that appears after creating the rule, they can click the new *Associate to Run Form* button. (Previously, the system administrator would have to take the extra step to go back to the rules list page and click the *Associate Validity Rules* button.) (61458)

AMA Enhancement Details

- AMA questions and text can now support multiple languages in the same way as other signature consent text. This can be configured with service setup, under the *View Run Options and Resources* section on the *Manage AMA Questions* page. (60350)
- The AMA Technician signature is now split into 3 separate paragraphs. (60356)

System Controls Details

- Created a system control module that will allow system administrators to control whether or not a service can control the following 3 configurations:
  - Runs Locking
  - Audit Tracking
  - Active Protocols



- When these options are set to service control, nothing is changed. The services will have the same control they have always had for configuration.
- When these options are not set for service control, the services will have only "read" access to the configuration settings and all settings will be administered at the system level. The service settings will not be deleted, so if the system administrator chooses to restore control to the service, the original settings will be restored.

Inventory and Consumables Details *(Optional Component)*

- We are pleased to announce that our Service Bridge clients now have the option of purchasing an Inventory module.
- In addition, the Inventory module also contains the ability to mark particular inventory items as being a "consumable." Within the Field Bridge, Dynamic Run Form and Standard Run Form, you can add a new Consumables control that will pull all inventory items marked as "consumable" within a given Inventory site.
    - Within the run form, each consumable item will have a number field beside it that will allow the end user to put in the number used (1, 2, etc).
    - You can also assign default values to any of the consumable items (2 gloves, for example)

Licensure System Integration Details *(Optional Component)*

- The demographic import will now accept the highest level of service name and service NEMSIS code from Licensure. (58931)
- Resolved an issue where the certification information wasn't being displayed on the staff summary page when the user was synced from Licensure. (60526)

Import/Export Enhancement and Fix Details

- When performing a NEMSIS import, the system will now display user and agency names instead of ID numbers when the user logged in doesn't have rights to import into the service. (59361)
- For the Amazon export, there is a new setting for "Export EKG as Charge Code." This will allow EKG activities to be mapped to charge codes in E21.2. If this setting is turned on, EKG activities will be sent as Charge Codes in the Amazon export. (42275)
- For the Amazon export, any Insurance Records that are set up in the "Add Insurance Records" section of the configuration page will now be included in the export even if

the setting for "Export Insurance" is set to "No." (Previously they were only being included in the export if "Export Insurance" was set to "Yes.") (60886)

- For NEMSIS exports, users can now search based on the incident date or the “unit notified by dispatch” date and receive results. This can be done by using the new “Unit Notified by Dispatch Date” filter (E5.4) on the NEMSIS export search page.

Standard Run Form Update Details

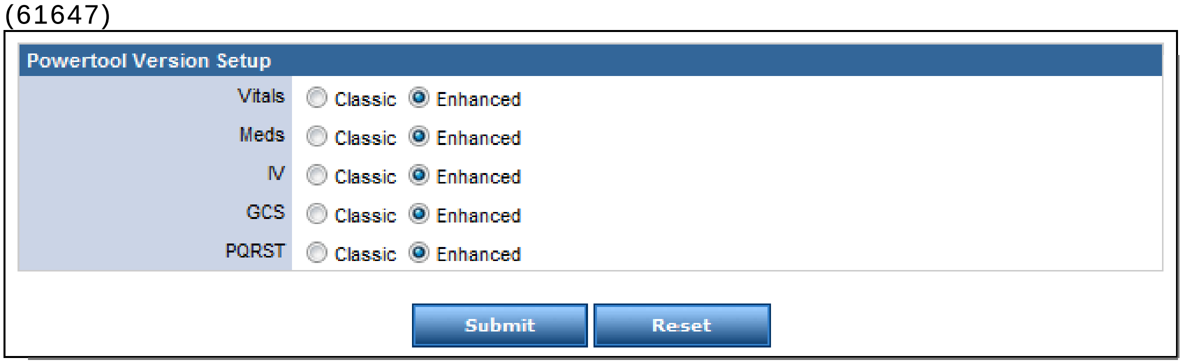
- Added a search tool to the Patient Medication List to allow users to search based on a medication Generic Name or Trade Name. (59842)
- Changed the functionality where “...” was getting appended to the end of a long destination name and being saved that way in the database. (30437)
- Added validation to the response times fields to top invalid dates from entered and prevent the fields from being cleared out. (62287)

System Administration Update Details

- Modified the administration *Application Access Control* section to include the ability to require special characters in a password. (59042)
- Modified the administration *Application Access Control* section to include the ability to restrict the user from having the their password and user ID be the same string of characters. (59042)

Field Bridge Administration Update Details

- Service administrators can select whether Field Bridge powertools should be set as classic or enhanced. This is within the service setup section, under *Manage Field Bridge Options.* See the ImageTrend Field Bridge release notes for more information. (61647)



- The powertool setup for the IV powertool now has two new options that can be used: "Peripheral Line Catheter Sizes" and "Central Line Catheter Sizes." (61649)
- The Field Bridge and Inspections error logs are now separate. (58926)

Miscellaneous Update Details

- The Incident PDFs now have the capability to print image attachments, addendum text, and image addendum files.

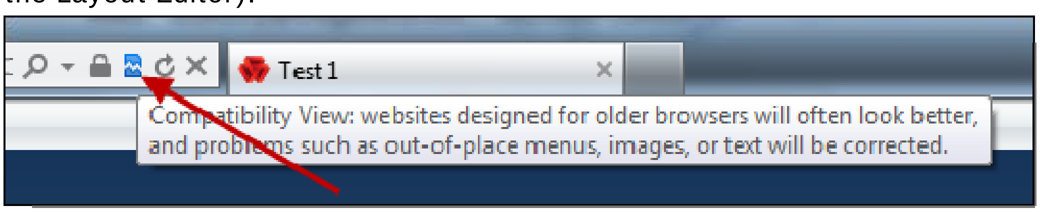
- Please contact ImageTrend if you would like assistance setting up a XSL report that contains this information.

- When customizing the *Run History* page display, the time options for incident date are no longer available. (35254)
- When customizing the *Run History* page display, dispatch date/time is now a column that can be used. (57332)
- Administrators can now select a default PDF in the *Upload Reports and Narratives* section. (48748)
- The login page will now informa the user of the number of attempts remaining until the user is locked out of the system. (59914)
- When customizing signature consent text, the system now supports Unicode characters. (59930)

Layout Editor Enhancements

- The style and layout of the Field Bridge Layout Editor and the Dynamic Run Form Layout Editor are now much more similar, providing useful features like the ability to view layout tabs across the top of the page in both editors. (61796)
- A new "View EKG Wavestrip" control has been implemented that can be added to the *Vitals* section of the Activities grid. It mirrors the functionality of the existing button that can be added to the EKG section of the Activities grid. (48700)
- You can now write event visibility rules against blank or empty values (56402)
- The list of provider actions is now collapsible, providing more screen area for the editor grid at lower screen resolutions. (60817)
- The non-interactrive Medical and Injury Assessment Grid controls are now available to everyone. (61302)
- The time it takes to load control data has been drastically reduced. (36563)
- Confirmation prompts will no longer freeze Firefox browsers (60864)

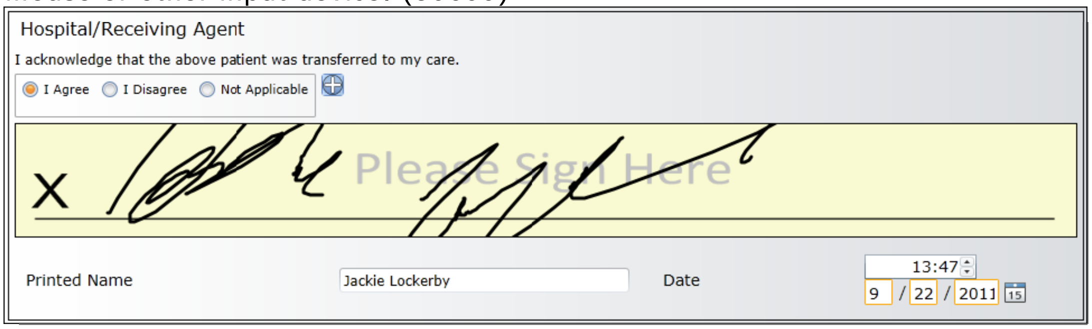
NOTE: Currently, there is an issue with Layout Editor loading in Internet Explorer 9. If you attempt to load it within IE9 you will probably get a blank, white Silverlight screen. To fix this, you simply need to turn on Compatibility View (and then reload the Layout Editor).



To turn on Compatibility View in Internet Explorer 9, just click on the icon in the top bar that looks like a broken page. If it is dark colored, then Compatiblity View is on.

Dynamic Run Form (EMS) Enhancements

- Signatures are now available in the Dynamic Run Form
  - o Signatures posted from the Field Bridge will now be displayed, and the user will have the ability to create signatures on the Dynamic Run Form with a mouse or other input device. (50699)

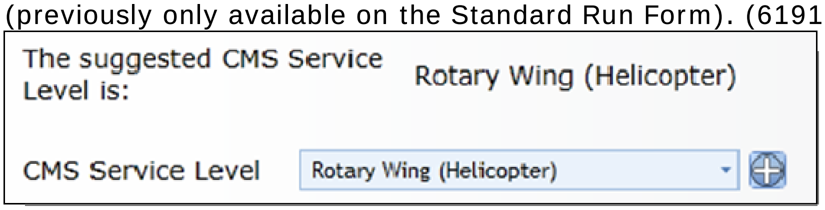


  - o Signature consent text paragraphs can now be added in multiple languages on the DRF. This functionality mirrors that of the EMS Field Bridge. (36969)

- Event visibility rules written against blank values will now correctly hide/show on application startup. (37902)

- Activities and assessments can now be entered without specifying a date or time. (62661)

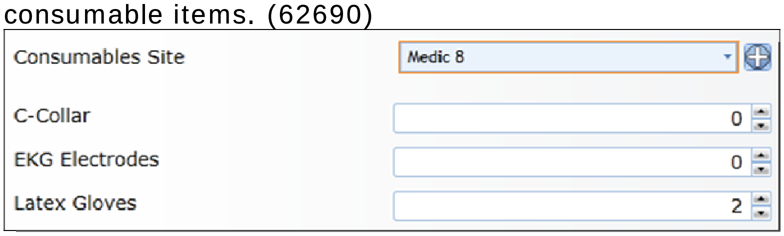
- Auto CMS Billing Level calculation is now available in the Dynamic Run Form (previously only available on the Standard Run Form). (61919)



  - o Layout control ID = #1287

- A sort order has been created for agency vehicles. This sort order will allow you to specify the order of the vehilces in the drop down menu on run forms. (62497)

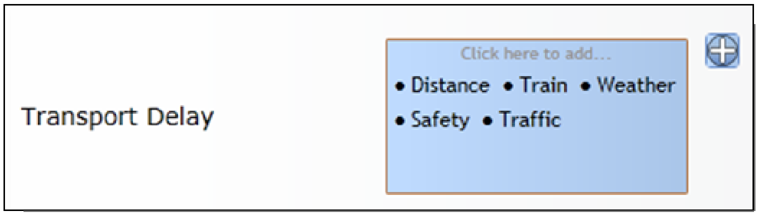
- If the Inventory module is purchased, users will be able to document the usage of consumable items. (62690)

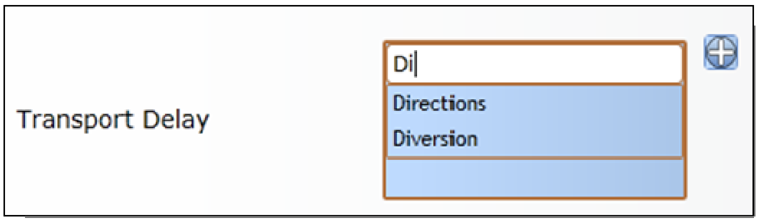


  - o The new Consumables layout controls are:

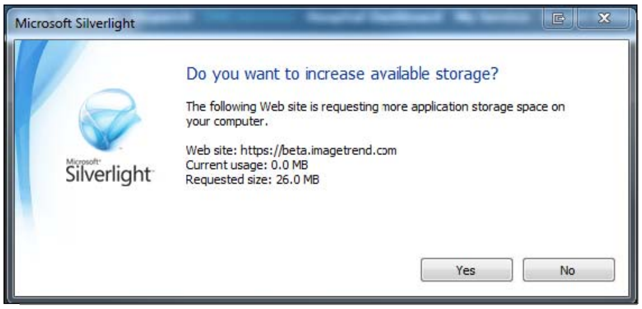
- Consumables Site: ID= #1288
- Group of consumable items = #1289

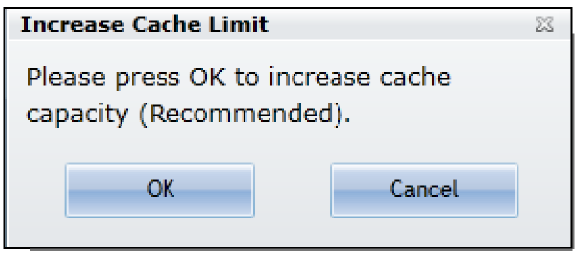
- New rapid entry list boxes have been implemented in the Dynamic Run Form. The rapid entry list box control allows text lookup for faster data entry and displays data in a more condensed list format for easier data review. The rapid entry list box will replace all legacy list box controls. They can be turned off/on at the individual service level. (60474)





- Load Optimizations
    - The application package is smaller.
    - The system has been optimized so that unchanged application data is not downloaded unnecessarily on startup.
    - Users can now choose to store template layout data locally, which can improve load performance times. To do this, the user will have to accept both of the prompts displayed in the below images.
        - *These settings are optional (Dynamic Run Form will continue to operate even if the user says No).*
        - *It is recommended that everyone says Yes to these prompts, as it will improve incident load performance times.*





AMA Customizations

- A control is now available to collect the Patient AMA Signature.
- A control is now available to collect the Technician AMA Signatures.
- Implemented Dynamic Choice questions to collect service specific, customized AMA data points.
- AMA fields can now be locked and unlocked independently of the existing incident locking functionality.

Fire/Rescue Bridge (Fire) Enhancements

Inventory Enhancement Details

- A new **Maintenance** module has been added to the Inventory 2 system to allow for documentation of apparatus and equipment tests and related repair information.
    - o Bulk updates make it easy for the user to quickly mark multiple items as having passed or failed any maintenance test. Staff hours spent on the repair as well as downtime and costs involved can be easily tracked by the users.
- When deleting an allocation record without putting in a return date or deleting an item without entering a return date, the item will no longer show up as allocated to any user. (50768, 62083)
- The service administrator now has the capability to add new items as well as allocate them to staff members underneath the *Equipment* tab.

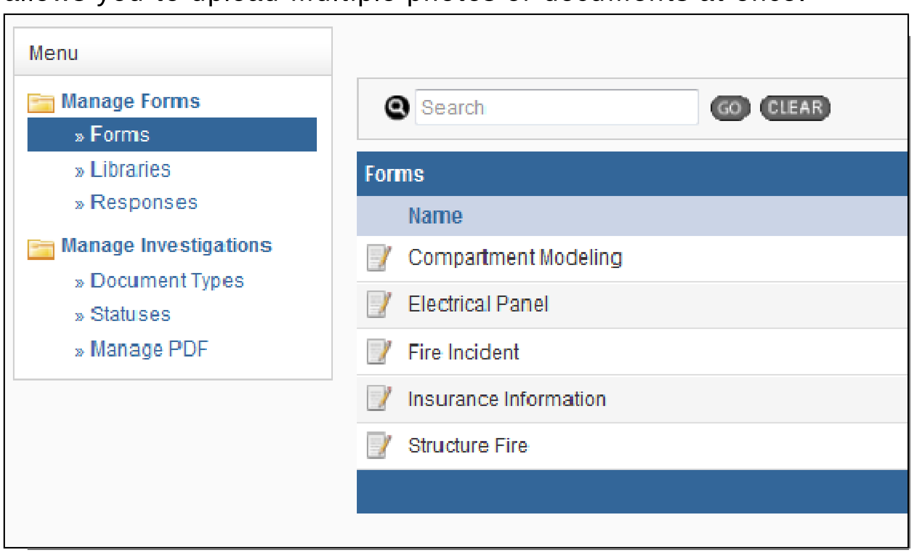
- The processes involved in creating an item in Inventory 2.0 have been simplified. The new *Add Inventory Item* button on the *Items* page allows users to quickly add items directly from that screen. (Previously, the process involved first adding products and then items, as well as going through multiple screens to create the needed items.)

Investigations Module Details*(Optional Component)*

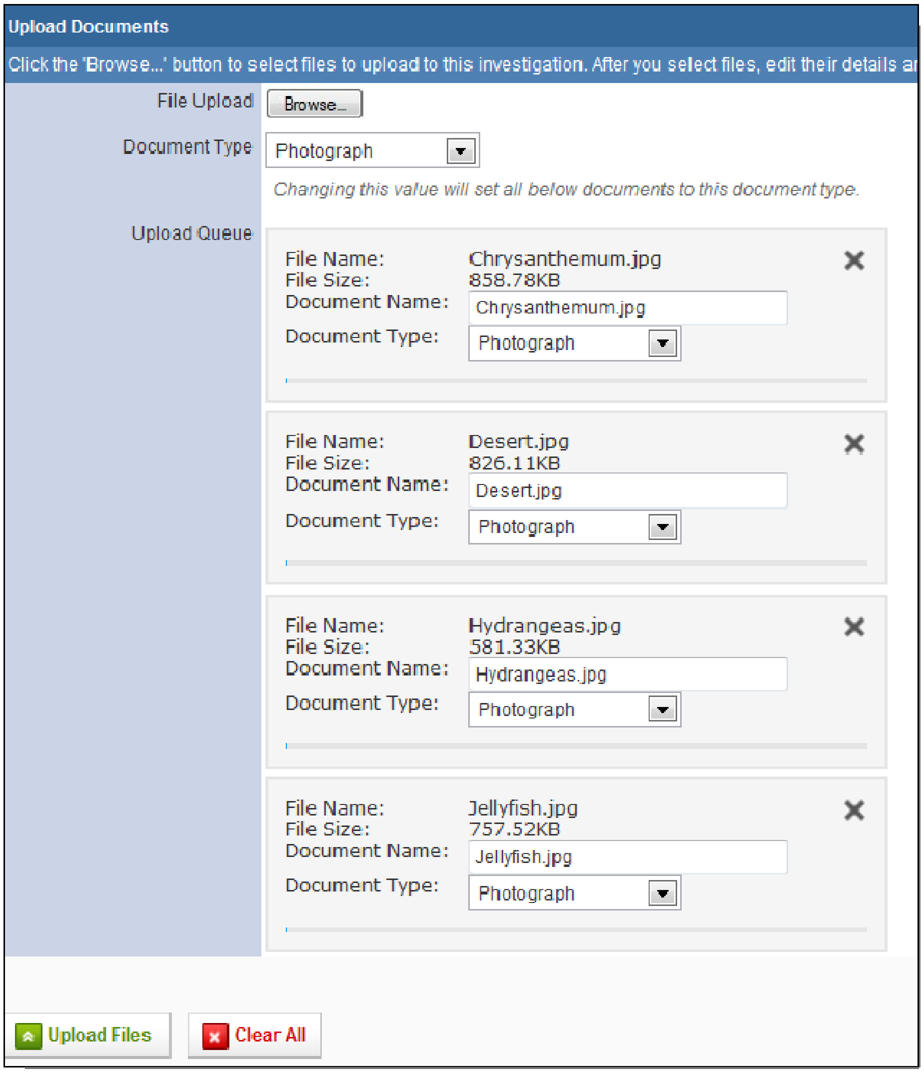
- A new module has been created that allows your Investigators to create and edit investigations.

- You can associate existing NFIRS incidents to any specific Investigation.

- Printable PDF forms are available for a particular form within an Investigation or the entire Investigation. You can also create your own customizable header that gets printed with each PDF.
- Investigations are comprised of forms, which contain sections, library questions and response choices. A form builder is included, which allows you to create your own custom Investigation forms.
  - In addition, several pre-built forms are included out-of-the-box so you do not have to start from scratch.
- A streamlined Upload Documents section is included within each Investigation that allows you to upload multiple photos or documents at once.



- You can assign a Document Type to each uploaded document to help categorize it.



Hazmat Ops Packet Update Details *(Optional Component)*

- The validation message on the *Billing Information* page has been changed from “You must enter notes” to “Provide written justifaction for waiver of charges.” (60215)
- A new PDF Hazmat NFIRS report is available that will exclude apparatus/personnel and include additional narratives. (60220)

Miscellaneous Update Details

- Made the “Alarm” and “Shifts or Platoon” fields on the NFIRS run into drop down menu selections. These drop down menus are populated through the appropriate service setup configurations. (61864)
- Within the *Hazmat* tab on the NFIRS run form, the *Add Another Chemical* button has been removed since the *Save* button provides the exact same functionality. (60217)
- Added validation that requires the apparatus ID within vehicle setup be a unique value. (58401)
- Removed the verbiage for "None" on the NFIRS PDF if something was selected. (60222)
- Modified the *Manage Contacts* section within the location/occupants/ inspections administration to display the status of the contact and allow the user to filter by status. (60501)

Defect Fixes

Fire / NFIRS Run Form Fixes

- Resolved an issue where users were getting application exception errors when the inspection reason is left empty while trying to save or edit an inspection. (60943)
- Resolved an application exception that occurred when adding a contact to a location. (61225)
- Removed logic that was preventing alpha numeric street numbers within the Person/Entity Involved section of the NFIRS run form. (61644)
- Resolved an issue where selecting to display all results in the Chemical Names manager was causing an exception. (62137)
- Resolved an issue where an exception was being generated when viewing details of an NFIRS Data import with errors. (62413)
- Resolved an issue where the adminstration setting for "Change Password Prompt" wasn't saving. (62481)
- Removed the validation within the “Wildland, Acres Burned” section that didn't allow all 0's to be entered, since this is valid through NFIRS. (62533)
- Resolved an issue where validation for Fire Spread field being equal to 1 was causing NFIRS validation errors. (62496)
- Resolved an issue where inventory items couldn't be allocated to staff with an apostrophe in their name. (61087)
- Resolved an issue where adding an exposure to a fire run was causing an error. (60121)
- Resolved an issue where users were unable to disassociate an NFIRS run that was associated to an EMS run. (59792)
- Resolved an issue where the *City, County* and *State* field of the *Responsible Parties* section for Hazmat were not saving. (60403)
- Resolved an issue with the NFIRS PDF where section N under the Hazmat tab was not being displayed. (60402)

- Resolved an issue within the mapping pre-plan section of a location where the hydrant filter was causing the map to not be displayed. (59016)
- Resolved an issue for the NFIRS PDF report where codes were being displayed rather than descriptions. (60221)
- Resolved an issue where the Occupant search wasn't always bringing back the correct results. (58478)
- Resolved an issue within the *Manage Locations/Occupants/Inspections* section under service setup where the pagination wasn't working correctly. (60008)

Dynamic Run Form (EMS) Fixes

- Fixed an issue where adding multiple records to the Labs grid with the same Culture Types Sent value selected was causing an error. *(Critical Care Module)* (62568)
- Fixed an issue where adding a record to the Flight Information grid was requiring a time be specified. *(Critical Care Module)* (63877)
- Fixed an issue where auto call numbers were not incrementing after adding more than 2 patients to a run. (62559)
- Fixed an issue where certain fields were not saving after the duplicate incident popup was displayed to the user. (61171)
- Fixed an issue where custom actions within an active protocol were still being displayed after they had been inactivated. (61349)
- Fixed an issue where errors were being caused when trying to insert records into Incident History for users with very long usernames. (62373)
- Fixed an issue where leading/trailing whitespace would cause a service defined question answer to not be displayed. (61532)
- Fixed an issue where mileage values were not calculating correctly if default values were set for an odometer field. (61529)
- Fixed an issue where searching for a repeat patient with a last name that contained an apostrophe was causing an error. (63759, 61948)
- Fixed an issue where text filtering was not working on the Facility Address drop down field (58954)
- Fixed an issue where the EKG Interpretation drop down field was saving a numeric value rather than the correct text value. (59283)
- Fixed an issue where the Medication History / Medication Allergies fields were not auto-populating the description when selecting a medication from the drop down menu. (62913)
- Fixed an issue where the validation “Go To” for date fields would not work if the user was currently viewing the same tab that the date control was on. (62515)
- Fixed an issue where the validation “Go To” for patient address fields would set focus to incident address fields instead of the correct patient address fields. (62508)
- Fixed an issue where the validation “Go To” for the Injury, Medical and Burn assessment buttons was not working. (62052)
- Fixed an issue where records could not be deleted from the Controlled Substance Usage grid control. (47506)
- Fixed an issue with address controls where selecting a country other than United States would not enable the city and state fields. (56432)
- Resolved an issue where the Unit Number/Call Sign control was not reloading data. (60527)

- Validity rules written with a "List Contains" comparison will now correctly flag grid controls. (60359)
- Resolved an issue where opening an NFIRS report from the top menu bar was not working. (60383)
- Resolved an issue where a run could not be opened if the user that created it had been inactivated. (60773)
- The Response Times parent control will now be displayed in the DRF when added directly to the template. (60244)
- Incident Date will now be populated with time set to midnight rather than the current time, allowing for more accurate validation and reporting. (59830)
- Resolved an issue where the Unit Number/Call Sign grouped control was not filtering out inactive vehicles. (56518)
- Resolved an issue where the Dynamic Run Form could not load an inactivated Run Status. (59377)
- Generating a report with Reason Required turned on will now create the correct report. (56438)
- Resolved an issue where changing the crew member associated with a medication could allow a user to bypass medication restrictions by crew level. (59910)

Service / State Bridge Fixes

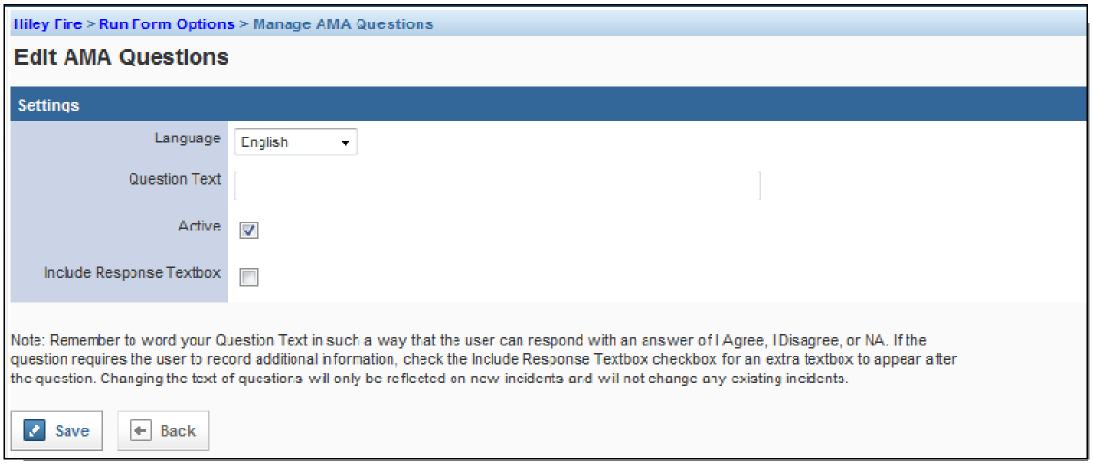
- The issue where an image uploaded via the *Website* option in the left menu would not display correctly in the public side of the ImageTrend EMS Service Bridge has been addressed. (61893)
- Resolved an issue where the Training report wasn't displaying the trainer name unless it was specified in the criteria. (33581)
- Resolved an issue where the data elements export was not sorting properly. (52251)
- Resolved an issue where the EMS unit number was getting set to the EMS unit call sign when creating a run from CAD. (61710)
- Resolved an issue where importing common values for crew members wasn't being displayed correctly (on the Standard run form). (35365)
- Resolved an issue where the advanced search within run history was not returning correct results when using the crew member filter. (45379)
- Fixed the validation highlighting for the "Unit Call Sign" field. (45585)
- Resolved an issue where incorrect statistics for services reporting were being displayed on the homepage. (48726)
- Resolved an issue where the navigation on run history was always saying previous 25 instead the actual number. (52007)
- Resolved an issue where the type of service requested default wasn't working. (58555)
- Resolved an issue where the batch print button was missing when the only templates available were of the type Dynamic run form. (59271)
- Resolved an issue where the loaded mileage on the Amazon Export wasn't being displayed. (55646)
- Resolved an issue with the NEMSIS Export where time in ZULU based on agency time zone/DST was not working correctly. (59087)
- Resolved an issue where the scheduled NISE XML export errors out if you have Region or Service criteria. (62308)

Layout Editor Fixes

- Fixed an issue where a label control with no text defined would seem to disappear. (63127)
- Fixed an issue where a very large default value entered for a numeric control would cause an error. (60815)
- Fixed an issue where adding a control would close the current pop up window. (61580)
- Fixed an issue where certain alerts and prompts would freeze the application when using the Firefox browser. (62618)
- Fixed an issue where editing the Assessment Grid control would disable gridlines in the editor grid. (60475)
- Fixed an issue where the Control Types drop down menu in the Advanced Search pop up was not sorted alphabetically. (60824)
- Fixed an issue where the “Copy Template To Here” button would become disabled after viewing a system template. (58779)
- Fixed an issue where the list of default values available for the Destination List control did not contain the common null values (Not Recorded, Not Reporting, etc.). (52026)
- Fixed an issue where the top menu buttons would get moved out of the display area on certain screen resolutions. (60732)
- Fixed an issue where the “View edit child controls” button would be displayed when editing the Activities Grid control. (59888)
- Resolved an issue where the Advanced Airway Parent Control (ID #845) could not be added to a template (60618)
- Resolved an issue where overriding a zip code/destination default value on a system template at the service level would affect all services using the system template. (61003)

Service Setup Details

- Service administrators can now add custom questions to appear in the AMA section. Under the *Setup* tab, from the *I want to* drop down menu, select *View Run Options and Resources* and *Manage AMA Questions.*



- Users can enter their own question text up to 500 characters.
- All questions need to be worded in such a way that the answers “I Agree,” “I Disagree,” or “NA” make sense: These options will show up next to each question
- The language options for AMA questions are based on the languages set up for signature consent text.
- The text for the “I Agree,” “I Disagree,” and “N/A” options in other languages will be set up per language in the *Administration* section under *Manage Signature* and *Manage Translated Signature Text*.
- The *Include Response Textbox* option will display a text box at the end of the question on the run form (also holds up to 500 characters).
- Currently the AMA questions section is service specific (no system administrative setup) and will start out empty for everyone.

Layout Control Details

- Helpful hints on layout changes are included on the Manage AMA Questions setup page.

NOTE: In order to include these questions on your run form template, add Control ID 1266 on your Field Bridge and Dynamic Run Form templates within the existing AMA parent control ID 593. On a ColdFusion run form, this control will replace the radio button control that pulls from IT8.19 within the tag [[AMASignature]] which can be used instead of the existing [[AgainstMedicalAdvice]] tag.

New Signature Details

- Two new signature sections are now available: the AMA Patient and AMA Technician.
- The AMA Patient signature consent text has one paragraph.

- The AMA Technician has three options: Refusal to Sign Release Statement, Witness to Refusal of Service, and Acknowledged Receipt of Notice.
- These signatures can be set up/managed just as any other signature section.

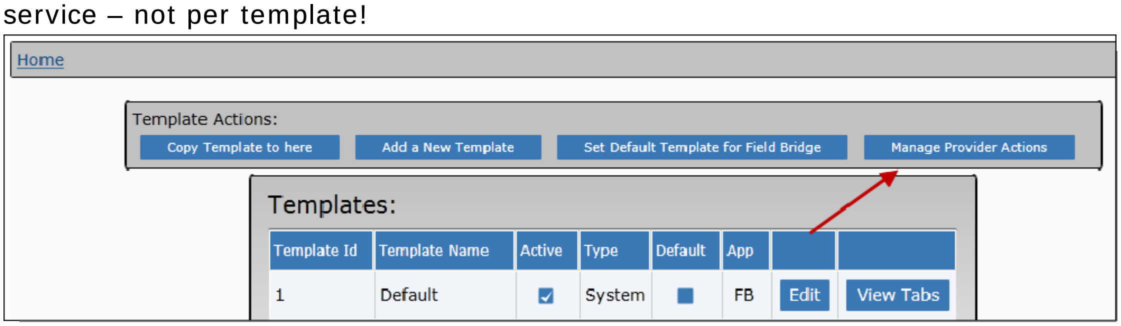
Provider Actions Overview

Summary

- Provider Actions allow you to group together any control from Medications, Procedures, Vitals, EKG and Assessments to provide chronological documentation for common situations.
- When you create a new Provider Action (via Layout Editor), five controls will be inserted by default: Date, Crew, Save, Cancel and Delete.
- Users will be able to input the data, click one *Save* button, and come back later to edit either the entire group (e.g., provider's name) or an individual record within the group (e.g., patient response to medication).
- Provider Actions are available for the Field Bridge and Dynamic Run Form (**not** the Standard Run Form).
- No changes have been made to the standard ePCR PDFs: all activities will continue to print out the same as your PDF is displaying them currently.

Layout Editor Details

- Provider action groupings are managed within Layout Editor for an entire system or service – not per template!

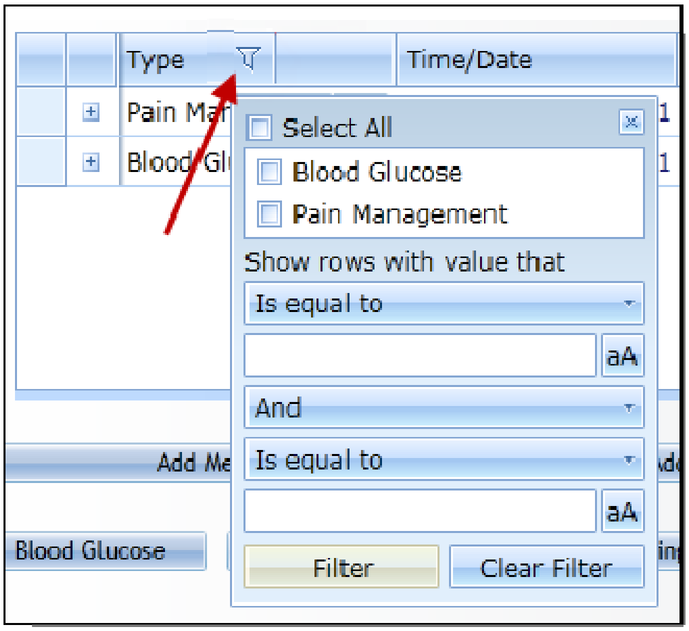


- On the actual template, you will need to add the Provider Actions grid (control ID 1242). This can replace the Activities grid. Right now the Activities grid is still used in Layout Editor in order to edit the four main subcontrols (medication, procedure, vitals, and EKG).
- There are two options for displaying provider actions:
  - o A single drop down menu: By default, the drop down control 1247 will be added with the Provider Actions grid.
  - o Individual buttons (one per active Provider Action):This can be accomplished by adding the button list control 1283.
- The familiar *Add Med*, *Add Proc*, *Add Vitals*, and *Add EKG buttons* can be removed, rearranged or relabeled if desired. They will be included in the Provider Actions grid by default.

- Default values may be set up on any of the controls (e.g., for the Blood Glucose provider action you can default in the procedure name of Blood Glucose Analysis)
- If this control is inactive, the default value will still be applied IF there is another active control from that same subgroup (e.g., procedure attempts).

Dynamic Run Form View Details

- On the DRF, a provider action will pop up in a new window. In Field Bridge it will drop down as a sub control just like the familiar options in the Activities Grid.
- The DRF grid has a filter option for the Provider Action type (this is not in FB at this time).



- The + symbol at the beginning of each row will expand the provider action and allow the user to edit the individual subgroup instead of the few data points available to them in the provider action