

Module	Topic	Description
A/R	A/R; Add Invoice Collection Fields	Added the following fields to Invoice module for invoices sent or recalled from a collection agency. The fields are displayed only when the invoice is marked 'Sent to Collection' or 'Recalled from Collection'. Agency File No. (assigned by collection agency) Date Sent to Collection Date Recalled from Collection
A/R	A/R; Add NSF Fee prompt and default code	Added the Administrative Options to display a prompt to add Insufficient Funds Fee (NSF) item when a Payment is marked as Returned, and to set a Default Item Code for the Insufficient Funds Fee. The NSF invoice item is added to the invoice where the payment was attempted to be applied.
A/R	A/R; Add Stf Activity to Batch Invoicing	Added the option to select Staff Activities to be included in the Batch Generate Invoices wizard
A/R	A/R; Add multiple paymnts for collection	Added the Administrative Option to Invoicing to "Allow Application of Payments and Credits on Invoices Sent to Collection". When this is enabled, partial payments and credit adjustments can be applied as normal on invoices marked Sent to Collection. Partial payments will leave a balance due on the invoice until the invoice is resolved in full.
A/R	A/R; Batch Gen Invoice and large permits	If permit records have permit numbers longer than 10 digits, the Batch Generate Invoices wizard would not create invoices for the permits. This issue has been resolved.
A/R	A/R; Batch Generate Invoices for permits	FH Enterprise clients attempting to use the 'Batch Generate Invoices' wizard could not generate invoices for occupancy permits if the occupancy permit numbers were larger than 10 digits. This issue has been resolved.
A/R	A/R; Date Returned to Apply Payments	Added the Date Returned field to the Payments module for payments returned from the bank/financial institution. The field is displayed only when the payment is marked Returned.
A/R	A/R; Error 16 changing records with navi	In the Accounts Module, Payment Responsibility tab, users can change the Payment Responsibility view filter from 'All' to a specific payment responsibility record. When a specific payment responsibility has been chosen, users would receive the Foxpro exception "Error 16: Unrecognized command verb. at line 30 of procedure/method ACCOUNT.FILTERINVOICELIST" using the navigation arrows to move from one selected Account record to another record. This issue has been resolved.
A/R	A/R; Filter Invoice List by Pymt Respons	Added a Pymt Resp filter to the Invoices tab of the Account module. The filter's drop-down menu displays the records of the Payment Responsibility tab of the opened Account record. When a specific Payment Responsibility (occupancy, multi-occupancy, department agency, hydrant) is selected, only the invoices for that 'responsibility' are displayed. The filter will reset to the default 'All' setting when a user changes Account records or to different tabs of the open Account record.
A/R	A/R; Incorrect Total after Apply Payment	If a user entered a payment and applied it to part of an invoice (i.e. the invoice has multiple line items and you apply to only one or some of the line items but not all), and then the payment is either reconciled, voided or returned, the invoice total will be displayed incorrectly when viewing the payment record again. The total displayed in the list for the invoice is the total of the line items the payment was applied to, not the actual invoice total. This issue has been resolved. Only the line items to which the payment was applied will be listed below the invoice header item. The message that displays to indicate that the payment is locked will state that the only line items displayed are those to which the payment has been applied.
A/R	A/R; Link to Staff Activities Event	Added the ability to link Staff Activities to an Account as a billable event for A/R. Line item billing calculation is based on the activity code as a flat fee or based on total staff hours times the rate for the activity code. Invoices can be generated manually from the button on the "Other" tab, or through batch invoice generation.
A/R	A/R; Modify Invoice Notes after Sent to	Added the Administrative Option to allow a user to modify invoice notes after the invoice has been marked Void or Sent to Collection.
A/R	A/R; Modify Payment Notes after Returned	Added the Administrative Option to allow a user to modify payment notes after the payment has been marked Void or Returned.
A/R	A/R; No Save after Mark Invoice as Sent	When an invoice was marked as Sent to Collection, the save button would be disabled. If any editing was performed to the invoice prior to the marking change, the user would be unable to save the edits. This issue has been resolved. A prompt will now appear, listing the edited fields to verify and save before continuing.
A/R	A/R; No Save after Pymnt set Rtrnd or Voi	When a payment was marked Returned or Void, the save button would be disabled. If any editing was performed to the payment prior to the marking change, then the edits would not be saved. This issue has been resolved. An implicit save is performed at the time the user chooses to mark the payment.
A/R	A/R; Open Linked Event of Invoice Item	Added a button on the right side of the individual invoice items grid of the Invoice form to open the linked event for the highlighted line item (if a linked event exists). When the mouse is hovered over the button, a tool tip provides brief information regarding the linked event. The user must have appropriate security for the module of the linked event to use the button or view the tool tip.
A/R	A/R; Option to Recall from Collection	Added the ability to mark an invoice as 'Recalled from Collection'. This feature is available from the Form menu, when an invoice record is displayed. The invoice must have the Status of 'Open' and marked 'Sent To Collection'. This feature is limited to only an A/R Administrators or FH Administrative Access users.
A/R	A/R; Save loses remembered multi-selects	When Accounts Receivable payments were multi-selected from the browse query, the remembered set of records would be dropped if the save button was selected for one of the records. The navigation (VCR) buttons would disable and the payment form would return the user to a blank payment screen. This issue has been resolved. This was caused by the 'Save & New' processing done when working in the Payments module. Instead of opening a new record on save, a reference is made to see if there are records in the VCR list. If any records are found after the save, the module will move to the next record of the multi-selected group. Once the user has reached the end of the selected group, the single-record behavior to "new" will be performed.
A/R	Activity; Add Occupancy ID	Added the Occupancy ID field to the Public Education/Service tab of the Staff Activity module. This was introduced primarily to allow staff activities to be linked to an occupancy which is then associated to an Accounting record with a Payment Responsibility link.  Also, when a staff activity is created from an inspection via the Staff Activity button on the Other tab of the Inspection record, the Occupancy ID will transfer over by default to the staff activity record.
A/R	Admin; Op to require Act link to Account	Added the Administrative Option to require a Staff Activity record be Linked to Account for invoicing purposes.
A/R	Autotask; Add Batch Generate Invoices	Added the ability to run the Batch Generate Invoices feature as an automated task.
Archive	Archive; Create a Log file	Added a log file for the FH Archive Utility to document the activities performed by the archive process. This will log errors to assist troubleshooting any archiving issues. Errors are logged to FHERR.TXT, located in the FH program directory.

Archive	Archive; Error 152; Missing Expression	Attempting to archive EMS records, a Foxpro exception error 152 could appear. stopping the archive process. The error is caused by data incorrectly populated in some NEMSIS specific data tables. This issue has been resolved. If the scenario occurs causing the error during an archive, an appropriate message is reported and the archive will continue.
Archive	Archive; Error 1806 Account_id not found	Attempting to archive EMS records, users could receive the Foxpro exception "Error 1806: SQL: Column 'Account_ID' is not found at line 830 of account_keyexists" or "Error 1 File 'acctn.prg' does not exist at line 832 of Account_keyexists". The error is caused by the relational integrity for the account phone table. The database must have phone numbers in an A/R account record that has invoices being archived as well to trigger this error message. This issue has been resolved.
Client/Svr	Update; Ent; Database X not found	In some cases, such as the list of databases to update or for fhreplication, a database with a space in the name on the server causes an error in the UseDatabase() function call. This issue has been resolved.
EMS	EMS; Billing/Insurance additional fields	Added the following fields to the Insurance Information detail form of an EMS patient record, to potential EMS billing purposes.  Street (Insured Address1 and Insured Address2) Insured SSN Insured Phone # Insured Gender Insured DOB
EMS	EMS; Can't see the code of Job Related?	When the NEMSIS EMS code set is installed, the descriptions for Not Available, Not Known, and Not Applicable cannot be viewed if selected from the Job Related? drop-down menu in the Injury/Illness Detail form of an EMS patient record. This issue has been resolved.
EMS	EMS; Can't use No if Require Job Related	If a requirement was established on the Job Related? under Injury/Illness Detail form, you could not enter "No (0)" because the field definition is an Integer. This issue has been resolved.
EMS	EMS; Carry data forward from Unit to Pt	The fields Lights & Sirens to Scene and Primary Role of Unit added to the EMS/Search & Rescue tab of a Responding Unit record were introduced for NEMSIS purposes. When data is populated in the fields, the data did not carry forward to the pre-existing fields within the EMS patient record, resulting in double entry of information. This issue has been resolved.
EMS	EMS; Export display sequence	Changed the displayed order of the EMS Transaction File Export when multiple exports are installed. After installing the NEMSIS Patient Export, it will be displayed at the top. FIREHOUSE Software EMS Export should move to the bottom no matter which code set is installed.
EMS	EMS; Indiana Code Update (7.4)	Updated the counties, townships and hospitals lookup tables with 2008 values for the Indiana State EMS Data Collection Code set.
EMS	EMS; Install code set default Map vs Rep	When a user elected to install a new EMS code set, the install prompt would default to the option for Map Existing Codes. This issue has been resolved. The default was removed to make the prompt an explicit user choice.
EMS	EMS; Job Related field defaulting to No	The Job Related? field in the Injury/Illness Detail form of an EMS Patient record was defaulting to No when the first record was initiated. This issue has been resolved. The field should not default any value with the initial record. Subsequent entries will default the value of the previous Job Related? field.
EMS	EMS; NEMSIS Constraint on Odometer	Added constraints to the Odometer Readings fields located on the Response tab of an EMS Patient report to match the NEMSIS specifications. NEMSIS specifications limit the values to be a maximum of 999,999.9 miles for the odometer readings.
EMS	EMS; Printed Report - LOC value invalid	The printed EMS Incident Report (aka - Out of Hospital Care Report), converts the Level of Consciousness value in the Basic Vitals section to A/V/P/U, based on codes 1-4. If a department is using the NEMSIS code set, the converted value is invalid. This issue has been resolved. The LOC column has been modified to print the left most four characters of the description of the LOC code used in the patient record.
EMS	EMS; Protocols Code Field Length	When a code with six or more characters was selected in the Protocols grid on the Provider tab of an EMS Patient record, the code would be truncated to five characters and an error prompt would appear. This issue has been resolved. The field definition has been expanded to eight characters.
EMS	EMS; Require NEMSIS fields on Unit Recor	The fields Lights & Sirens to Scene and Primary Role of Unit added to the EMS/Search & Rescue tab of a Responding Unit should be required when the unit record entered has the NEMSIS Resource Code filled in. This issue has been resolved. The data in the fields will then carry forward to their matching fields in the EMS patient record.
EMS	EMS; Select Export Order Change	Updated the display order of the EMS Transaction File exports. When the NEMSIS Patient Export is installed, it will be displayed first and will be the default export.
EMS	EMS; Sequential validation on Odometer	Added system rules to the Odometer Readings fields located on the Response tab of an EMS Patient report. The rules will require the numeric values entered to be in ascending sequence from 'Beginning', to 'At Scene', to 'At Destination', and 'Ending'. The rules will enforce a relaxed validation to make the user aware of a potential issue but will not prohibit the record from saving.
EMS	EMS;NEMSIS; Error adding Ped Trauma Scor	When the Pre-Defined User Field for Pediatric Trauma Score was added to Patient Assess/Vitals User Fields, the user would receive the error prompt, "Rule expression "-25" did not evaluate to a valid expression. Returned Data type "N", expected type "I". OK to continue?" This issue has been resolved.
EMS	ExportX; Flag records as exported	Added database components, validation, and functionality to mark records exported through custom data exports as having been exported. This provides a way for custom exports to exclude records if they had previously been exported for local, state, or national data submission. If a record will need to be resubmitted for any reason, the record will need to be opened and resaved to change the record flag. When the next export is performed the date range will need to be set to include the record, or a special export will need to be performed for just the date(s) necessary.
EMS	FLEMSTARS; Error 12 Require Complication	Florida clients running the FH Enterprise system with the FLEMSTARS components installed could receive a prompt, "Error 12: Variable 'MED' is not found. at line 55 of procedure/method EMS_PTNT.DBSESSION.VALCHILDRECREQUIRED." when adding a new medication record to an EMS patient report. Also, a prompt for "Error 12: Variable 'CODE' is not found. at line 55 of procedure/method EMS_PTNT.DBSESSION.VALCHILDRECREQUIRED." could be received when attempting to add a new procedure record. These issues are resolved with the FL.FHz file released 3/10/2009. The errors were caused by the record level rules associated to the Complications grid on the Notes/Response tab of the procedure and medication record.
EMS	FLEMSTARS; Map causes field width issues	Florida clients installing the FL.FHz file and chooses the 'Map Existing Codes...' option during the NEMSIS installation, some fields end up with a different field width than when the 'Replace with Code set Codes' is selected. This issue has been resolved.
EMS	Lookup; IN Townships updated	Updated the Indiana Townships codes 3102 and 3202 to be Boone Township and Center Township respectively. The codes are pre-populated when installing the Indiana EMS Code Set. Source information provided by the State of Indiana web page <a href="http://www.in.gov/dor/bt1/townships.html">http://www.in.gov/dor/bt1/townships.html</a> .
EMS	Lookup; NEMSIS Resource Type misspelled	The word 'Resource' for the NEMSIS Resource Type field within the Units Lookup Code form was misspelled. This issue has been resolved.

EMS	NEMSIS: Require Units on No Patient inci	Added validation to the EMS Incident module for when the No Patient checkbox is marked. The validation requires at least one Responding Unit record that contains a NEMSIS resource type.
EMS	NEMSIS: Arkansas Cardiac Code changed	For Arkansas clients using the NEMSIS EMS code set, code 410.9 Cardiac was changed to 429.9 Cardiac.
EMS	NEMSIS: Blank for Protocol is invalid	With the NEMSIS EMS code set installed, if a user clicks the + button to add a code to the Protocols grid on the Provider tab of the Clinical information for an EMS patient record, a user was allowed to save the record without populating a code. This empty record will then export an invalid blank line item in the NEMSIS export. This issue has been resolved. When the + button is pressed, but the user doesn't enter any code, a critical validation prompt will display when the user attempts to save the record.
EMS	NEMSIS: CRASH # reqd length	Added a rule to the Crash # field (NEMSIS value E22_03) of an EMS incident record, requiring data entered must be at least two characters in length if the NEMSIS EMS code set is installed. The data must be at least two characters to pass NEMSIS validation.
EMS	NEMSIS: Configuration Self-Check form	Created the NEMSIS Configuration Information form, accessible from the Administrative Options, Incident Tab, EMS/Search & Rescue sub-tab, State Reporting section. The NEMSIS Configuration Information form can also be accessed by a right mouse click on the EMS button or from the File menu -> EMS/Search & Rescue Reporting -> NEMSIS Configuration Information. The NEMSIS Configuration Information form displays the completion status of the required data and lookup table setup for successful NEMSIS transaction file creation.
EMS	NEMSIS: Dispatch For field length if Map	During the installation of the NEMSIS code set, if the previously used code set was NFIRS 5 EMS code set and you elected to map the codes to the departments existing codes, the Dispatched For field structure changes from a distinct lookup to a regular lookup. Only the first five characters would be viewable even if the code was eight characters from the NFIRS EMS code set structure. This issue has been resolved. The length of codes for the category should set to four characters, whether choosing to map or replace codes.
EMS	NEMSIS: Dispatched For accepts any value	When the NEMSIS EMS Code Set is installed, the EMS Incident field Dispatched For is changed from a Distinct Value Lookup field to a regular Lookup field with defined codes. With the NEMSIS code set installed, the field would allow any value to be entered, including values not established in the Lookup table. The field would validate successfully without errors. This issue has been resolved. Validation will require users to enter values only populated in the Lookup table. The field was formerly named Reason in the database. The full field name is now called Dispatched for - rsn_code (Reason for Call).
EMS	NEMSIS: Export file name change if fails	Added the functionality to automatically change the extension to the NEMSIS patient export file if it fails validation. The file name extension will be changed to ".Invalid.Err" when they are moved to the failed export directory.
EMS	NEMSIS: Export; Connectivity Error	When executing the NEMSIS export with 100 patient records or more, the export will timeout and produce the error 1526 "Connectivity error: [Microsoft][ODBC SQL Server Driver][SQL Server] Invalid locator de-referenced." This issue has been resolved.
EMS	NEMSIS: Exports moved if fail validation	If the NEMSIS export transaction file does not pass FH validation, a prompt will appear noting the failed export with details on the Exceptions & Errors tab for review. The created patient export file is moved to a folder called Failed Exports. The created folder will be located in the root folder of FH.
EMS	NEMSIS: FL error on rule in bp_dia (7.4)	When opening an existing patient record or each time saving the patient record, Florida clients with the FLEMSTARS components installed, could receive a prompt "An error occurred while processing system rule condition "  Bp_abs AND(!EmptyTime(Time) OR Pta=. .T) AND Bp_meth<-'3165' " for Table: EMS_Vita. Error 12 - Variable 'BP_Meth' is not found . This issue has been resolved. This was caused because the vitals list in patient (not the vitals record itself) does not have the bp_meth field in it.
EMS	NEMSIS: Include FIPS Country code	Modified the NEMSIS Patient Data Export to meet the NEMSIS preference of submitting the FIPS code for Country. The FIPS Country code should be populated in the Export Code field of the lookup item. If the Export Code field is empty, then the description will be exported.
EMS	NEMSIS: Invalid Structure grp after map	During the installation of the NEMSIS code set, if you choose the Map Existing Codes option, pre-existing groups in lookup tables would be placed in a main group called <Invalid Structure> within the lookup when new NEMSIS groups took precedence. A reminder prompt will appear. The codes in the <Invalid Structure> grouping must be moved into the new pre-defined NEMSIS groups after the code set is installed and your code mapping is completed. This must be completed to permit incident records containing those codes to export.
EMS	NEMSIS: Max Constraints added to Vitals	Added maximum constraints to specific EMS vitals fields in accordance with NEMSIS validation.  Systolic Blood Pressure (Tag E14_04) maximum of 400 Diastolic Blood Pressure (Tag E14_05) maximum of 300 Pulse Rate (Tag E14_07) maximum of 500 Monitored Heart Rate (Tag E14_08) maximum of 500 Pulse Oximetry (Tag E14_09) maximum of 100 Respiratory Rate/respiration (Tag E14_11) maximum of 100 Carbon Dioxide (TagE14_13) maximum of 100 Blood Glucose Level (Tag E14_14) maximum of 2000 Temperature (Tag E14_20) Celsius maximum of 50 and Minimum of 0. Fahrenheit maximum of 122 and minimum 32. Estimated Body Weight (Tag E16_01) maximum of 500 and minimum of 1.
EMS	NEMSIS: Neck Assessment cut last code	The NEMSIS Pre-Defined User Field for Neck Assessment permits a user to select four values. When the fourth value is selected, the last two digits of the value were cut off and the field will turn red indicating the code is invalid. This issue has been resolved.
EMS	NEMSIS: Oklahoma FHZ file on CD	Added the OK.FHZ EMS component file for Oklahoma clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting. The state does have some EMS patient special study code descriptions and values. The special study codes and groupings were created in-house. Each special study lookup code has the state requested information in the Comments section to instruct the user what should be entered in the Values field. The code description and value information is what the export definition will output. While the special study codes and groups are not protected, it is recommended to leave the code values "as is".
EMS	Nemsis: EMS Lookups, Alphabetical Search	With the NEMSIS EMS code set installed, if a user typed in a partial string of text in the description field to perform a lookup/search of items, and then pressed tab, codes would be incorrectly displayed in multiple categories. This issue has been resolved.
FH Web	FHWEB; FH.INF getting created with ODBC	The FH.INF file for FH Web systems, was being created with ODBC connection settings for each new user logging on the server. This would cause issues if the ODBC connection settings were changed. The INF file for every user would need to be updated with the new information. This issue has been resolved. A new user will not receive any of the unnecessary ODBC settings, but a forced Recreate of Remote Settings from the FH Web User Profile Manager will cause them to be written to the FH.INF.
		When attaching a file to a record in FH Web systems, users could browse the server hard drives by clicking the View Server Drives option. This allowed users to save the attached file anywhere. This functionality can now be restricted. Previously, the checkbox would show all server drives, but was only available to administrators. Enhancements were made so that server drives with a drive letter or name listed in the value ShowServerDrives in the

FH Web	FHWEB; Hide server drive choices	[FIREHOUSE Software] section on the FH.INI file will always show, regardless of the checkbox.
Framework	Addons; Mobile Lic Mgr and Rpts in FH	If FH Mobile License Manager version 2.0.6 is installed with certain versions of FH, and a user accesses it within FH from the File Menu -> Run Add-Ons option, a screen of text and an error will appear following specific navigation steps back to the Incident Reports module. This issue has been resolved.
Framework	Admin; Prompt to print NEMSIS checklist	When a department is installing the NEMSIS EMS code set from the Administration menu, Administrative Options, a prompt to print the NEMSIS Implementation Checklist will appear for the user to print the checklist. The checklist gives the user a list of things they must do once the NEMSIS code set is installed.
Framework	Admin; User settable custom form caption	Added the ability to display custom form captions at the top of many FH displayed windows. The Custom Form Caption feature is available from the System Rules & Default Values. Open the specific data table you wish to add a form caption to and proceed to the Custom Form Caption tab. The caption can be general text or a custom expression accessing information from fields within the module. For example, reference an incident user field with the following expression where 'Test' is the name of the field: xlate("Inc_User", "inci_id", "Test"). A lookup button to open the System Rule Expression form is available in the upper right corner to construct custom expressions.
Framework	Attach; Store copy to server in standard	In the Standard version of FH, if a user adds an attachment to a record and checks the box to 'Store a copy on the server', the attachment was also saved in the root directory of the local FH install (EG: C:\Program Files\FIREHOUSE Software\). If the FH installation was part of a local network, the file was saved to the FH root directories on the server and workstation. This issue has been resolved.
Framework	AutoTask; Add Roster Update from Schedul	Added the ability to create an automated task to Update Roster from Scheduling. The "Real-time link with Roster" option must be enabled on the Scheduling tab of Workstation Options. This will force the roster to update without user interaction, with information from the Scheduling module, based on the frequency of the automated task running .
Framework	EMS; Disable No-Patient Check not workin	The option to Disable Field Always In System Rules & Default Values for the No Patient checkbox of an EMS Incident Report did not disable the field correctly. This issue has been resolved.
Framework	Error; Run Add-On Automated task	Attempting to set up an Automated Task to 'Run Add-On' the user would receive an error after clicking the Setup Task Parameters. The error message was: "Error 11: Function argument value, type, or count is invalid. at line 5 of procedure/method APP.RUNADDON." This issue has been resolved.
Framework	Frame; Compress Attachments in Database	Added the ability to compress the physical file size of attached files and signed report forms. The feature is enabled by the FH desktop Administrative Options setting 'By default, compress attachments and forms stored in database', located on the Database tab, Rules & Defaults sub-tab. 'Always copy attachments to the database' must be checked to allow the 'By default... option to be selected. The compressing option is only available for attachments marked 'file or program on disk', and is only available if the copy to database option is also checked.  Pre-existing attachments can be compressed by selecting the 'Compress Now' button. Compress Now can be run as an automated task. Attachments are stored in the ATT_FILE data table. Signatures and signed reports are stored in the ATT_SIGN data table.
Framework	Frame; Remove Sys Rules sequence arrows	System rules and default values cannot be set to operate in specific sequences. In System Rules & Default Values, the sequence arrows change the display sequence of the rules, inadvertently blocking a user from deleting any user defined system rule for the table. This issue has been resolved. The sequence arrows are removed.
Framework	Framework; Attachment List File Name	The "File" column of the Attachments & Signatures list form displayed the name of the program used to open the attachment, instead of the file name of the attachment. This issue has been resolved.
Framework	Framework; Can't Require PD user fields	After adding a Pre-Defined user field, the user was unable to access the expression screen for the user field to set the field as required. This issue has been resolved.
Framework	Security; Copy QC from EMS/NFIRS	When there is an incident report linked between the NFIRS Incident Module and EMS Incident Module, the 'Copy from EMS Report' button on the Other tab within the NFIRS module would permit a user to copy the QC record from the EMS Patient Report Authorizations to the NFIRS Report Authorizations even when the user didn't have 'Allow' rights to QC check NFIRS reports. This issue has been resolved. In order to transfer QC records, both the user creating the copy, and the user who entered the QC record in the original report, must have rights to QC in the target module. The 'Copy from ...' button will be disabled without the proper security.
Graphs	GRAPH; Transports by Destination	When attempting to run the FH graph Transports by Destination, a user would receive the prompt "The graph field list is incomplete. Please make sure that you have at least one character and one numeric field for at least one query." This would occur when the user selects Run Query on the query parameters form. This issue has been resolved.
Incident	ExpSt; Error Enter value for cGroup	Running the NFIRS 5 Export Transaction Wizard, if the Additional Option to Export NFIRS EMS transactions is enabled, the user could receive a View Parameter form, prompting to enter a value for cGroup. This issue has been resolved.
Incident	Incident; Easier Way to Enter Exposures	Added a lookup button next to the Exposure field of the Incident Report module. The button was added to make generating a Fire Exposure record faster. After a NFIRS Incident Report has been entered with the Incident Type in the 100 series, and the Incident record being saved the lookup button is enabled. Select the lookup button to the right of the Exposure field for the Select Exposure form to display. The user can select the New Exposure button to start the new record and continue data entry for the exposure.
Incident	Incident; Show Incomplete or Complete	Added in the title caption for Incident and EMS modules the validated status of the report. The caption will display complete or incomplete.
Incident	Investigation attachments disappear(7.4)	In specific scenarios, some attached files can lose their link to their associated investigation record. This issue occurs when: 1. Create an investigation record that is not linked to an incident. 2. Attach files to the investigation record, then save and close the investigation record. 3. Re-open the investigation record to establish a link to an incident report. 4. After selecting Ok to a user prompt, the attached files link is broken, and the attachments are no longer accessible.  This issue has been resolved. It will not fix the problem if it has already happened, but it will prevent it from happening again.
		When submitting a NFIRS transaction file, users received validation problems with Unit times for units cancelled enroute when there was another unit that arrived at the scene. This issue has been resolved. The clarified documentation reads: #142: Arrival Date/Time cannot be earlier than the Alarm Date/Time, the Arrival Date/Time or later than the Clear Date/Time or Last Unit Clear Date/Time. Since there are separate arrival times captured for each piece of apparatus in the Unit/Personnel record, the Cleared Time of any unit/apparatus cannot be earlier than the Arrival Time entered on the Basic Module unless the unit/apparatus was cancelled en-route.

Incident	NFIRS; Exporting Cancelled Units Code 93	The change implemented to address the specification change is: Code 93 is defaulted into the Unit Actions Taken grid when the Cancelled checkbox is checked by the user. Code 93 will populate in the grid, but the description may not populate completely. Once the unit record is saved and reopened, the description will be completely displayed.
Incident	NFIRS; Exporting Structure Fire Spread	When submitting a NFIRS transaction file, users received the following (or similar) error from their state coordinator: "Fire spread in the structure fire module must match the fire spread in the basic module." This issue has been resolved. The 2009 NFIRS spec cycle is now requiring data from the Fire Spread field of the Structure Fire Report. The clarified documentation reads: #323: Corrected the edit notes for the checkbox for Fire Confined to Object of Origin to include code 5 and added further clarifying instructions: 1) If the Checkbox for Fire Confined to Object of Origin is left blank, then Structure Fire Module J2 Fire Spread Code must be entered and Codes 2, 3, 4, 5 are available for the J2 field. 2) If checked, the Structure Fire Module J2 Fire Spread Code must be defaulted to "1".  The change implemented to address the specification change is: Removed the hardcoded blank for Fire Spread if Confined To Origin was checked. Now exporting a "1". A strict reading of the spec appears to prohibit a +1 code in this case. Note that a "1" will be exported if the Confined to Origin checkbox is checked REGARDLESS of what is actually in the Fire Spread field. If Confined to Origin is NOT checked, then Fire Spread may NOT be "1".
Incident	NFIRS; Invalid Cause of Ignitn 0 for exp	When trying to save the additional Fire Report of a NFIRS incident record, a user would receive the validation message "0 is a conversion only entry for category Cause of Ignition and cannot be selected." This issue has been resolved. It was caused by the validation on the field "Item First Ignited". If the main incident type for this exposure report is anything other than a structure fire, and any of the ITEM FIRST IGNITED codes from the '1' series are selected at any time while entering the additional fire report, the validation will occur. NFIRS now defines exposures to have a cause of ignition.
Incident	SysRules; Missed Fld Caption in INC_UNIT	In the view of available fields for System Rules under the INC_UNIT table, the new fields of Xfer_* and HOME_* were missing field captions. This issue has been resolved.
Install	Frame; ENT SQL Server install .Net frame	The installation of the FH Enterprise SQL Server verifies if .Net Framework 2.0 has been installed on the computer before completing the installation. If a newer version of .Net Framework has been installed, the installation of the SQL server would fail when it attempted to install .Net Framework 2.0. This issue has been resolved.
Install	Install; Activation with Invalid Code	When a user is attempting to activate FH using the activation wizard from the installation menu of the FH CD, and enters an invalid serial number or activation code to activate, an invalid code prompt will appear. If the user selects Cancel, and does not change any information, the activation would continue. A live data folder would be created but the license would remain as an evaluation. This issue has been resolved. The user will not be able to continue without a proper serial number or activation code.
Install	Install; Network Install, hide Lookup	Removed the listing for Lookup Tables from the Specify Location of Shared Folders form of the FH Standard version Network Installation choice. Database files for lookup tables are now installed by default to the Database path.
Install	Install; Text for Vista Network Install	Added a notification on the Specify Location of Shared Folders form of a FH Standard version Network Installation setup. The notification reads, "IMPORTANT NOTE FOR VISTA USERS: Do NOT place these folders under "Program Files" or other system folders, as Vista's virtualization mechanism will give every user their own copy of the database."
Install	NFIRS; New Complete Reference Guide	Replaced the NFIRS 5 Complete Reference Guide with a copy released January 2008. The new copy is available from the FIREHOUSE Software Help menu.
Lookup	Error; 8152 Merging Protocols codes	When a user would attempt to merge a Protocol lookup code which was five characters or less with another code that was six characters or more, the user would receive the error "Error 8152: [Microsoft][ODBC SQL Server Driver][SQL Server]String or binary data would be truncated." This issue has been resolved.
Lookup	Lookup; A/R; Add Activity to Responsibli	Added the Staff Activity option to the Links to Event Type drop-down menu selections of the Invoice Items lookup table.
Lookup	Lookup; Show EMS Resource Type in list	Added the EMS Resource Type column to the Units Lookup table list form to display the assigned EMS Resource Type for the unit. Previously, only the NFIRS Resource Type was displayed. Users were required to open the Unit Code and select the EMS tab to view the EMS Resource Type.
Lookup	NEMSIS; Procedure code misspelled	The code description for the NEMSIS Procedure code 99.640 (desc.: Carotid Massage) was misspelled. This issue has been resolved.
Lookup	Patient Employment Lookup Codes	The lookup codes for the "Employer Occupational Industry" and "Patient Occupation" fields permitted a maximum of eight characters, but the displayed field length was limited to four characters. This has been resolved. The lookup codes have been reduced to four characters.
Other	Autotask; Add Custom Data Export	Added the ability to run a Custom Data Export definition as an automated task.
Other	NEMSIS; AL; Hospital Not Entered Code 0	In the Transport/Destination Facilities lookup table, the "Not Entered" code for the state of Alabama should be 000 instead of 0. The AL.FHz file was modified to provide the proper code for Alabama EMS reporting, and the file will introduce the code during an install/update.
Other	NEMSIS; AR; Incorrect descrip code V40.9	In Patient Past Medical History/Alerts lookup table, the code V40.9 in the group for Medical/Surgical should have the description of 'Behavioral' instead of 'Asthma' per the Arkansas specifications. The AR.FHz file was modified to provide the proper description for Arkansas EMS reporting, and the file will introduce the code during an install/update.
Other	NEMSIS; Alabama FHZ file on CD	Added the AL.FHz EMS component file for Alabama clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
Other	NEMSIS; Arkansas FHZ file on CD	Added the AR.FHz EMS component file for Arkansas clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
Other	NEMSIS; Florida FHZ file on CD	Added the FL.FHz EMS component file for Florida clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
Other	NEMSIS; Florida FHZ file updated on CD	Updated the FL.FHz EMS component file for Florida clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting. File release date 3/13/2009.
Other	NEMSIS; Idaho FHZ File on CD	Added the ID.FHz EMS component file for Idaho clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
Other	NEMSIS; Maine FHZ File on CD	Added the ME.FHz EMS component file for Maine clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
Other	NEMSIS; Michigan FHZ file on CD	Added the MI.FHz EMS component file for Michigan clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
Other	NEMSIS; New Export Definition Files	Added the NemsisPatientExport.FHz and NemsisDemographicExport.FHz EMS component files. Items in the files are necessary for exporting NEMSIS Patient and Demographic information to local, state, or national databases.
Other	NEMSIS; New Hampshire FHZ file on CD	Added the NH.FHz EMS component file for New Hampshire clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
Other	NEMSIS; North Carolina FHZ file on CD	Added the NC.FHz EMS component file for North Carolina clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting. File release date 11/12/2009
Other	NEMSIS; Pennsylvania FHZ file on CD	Added the PA.FHz EMS component file for Pennsylvania clients. Items in the file are necessary to meet the state guidelines for NEMSIS reporting.
		Added the WV.FHz EMS component file for West Virginia clients. Items in the file are

Other	NEMSIS; West Virginia FH file on CD	necessary to meet the state guidelines for NEMSIS reporting.
Other	Ontario; 2009 FH Files on CD	Added the Ontario_*.FH file SIR component files for Ontario, Canada clients. Items in the files are necessary to meet the Ontario 2009 Standard Incident and Injury Report guidelines. Ontario clients should review Ontario2009SIR.PDF for specific instructions to install the Ontario_*.FH files.
Other	Stf Activity; ISO_PublicEd.zip Transfer	Added the ISO_PublicEd.zip file to the CD contents, located in the Tools folder. The Transfer Utility is designed to help clients move data from their pre-existing FH user fields to the Public Education/Service tab. Review the instructions document included in the zip file before installing the FH components.
Queries	Query; Error 31 setting Custom Filter	In the Queries module, when attempting to add a filter with the type 'Custom', you receive the "Error 31: Invalid subscript reference. at line 16 of procedure/method QRYPROPS.PGFDATA.PGFILTER.CTRFILTER.GRDMAIN.COLLLK.CMDLOOKUP.CLICK." when you attempted to enter an expression. This issue has been resolved.
Reports	Report; 2008 NFPA Fire Survey changes	Modified the NFPA Yearly Fire Experience Survey report to meet compliance with the 2008 report definition.
Reports	Report; Printed Injury Matrix incorrect	Modified the EMS Supplemental Report form to include the new values of the Injury Matrix included in the EMS Patient record of the EMS Incident module.
Schedule	Sched; Station Collapsing in Console	In the Staff Scheduling module, the expandable/collapsible station records would collapse after certain actions were performed on the Scheduling Console causing it to requery data. This issue has been resolved.
Staff	Staff; Misspelled Word in History Detail	The word "rights" was misspelled in the Staff Member History Detail form as "righs" in the checkbox label "Require staff administrative rights to view." This issue has been resolved.
Staff	Staff; Administrative Info	The drop-down menu list for the National Registry field on the EMS tab of the Administrative Information in the Staff Module, allowed a value to be typed into the box or a value selected from the list. If the value typed is not in the pre-defined menu list, the field would remain blank. This issue has been resolved. Only values within the list can be typed in.
Update	Update; Autotask startup setting changes	When the automated task processor is running on Startup, running the FH update would change the startup mode to disable it. When the task processor would attempt to run at the next startup, a message would appear reporting the task processor could not be run. This issue has been resolved. The update will preserve the startup value as previously set.
Update	Update; Error 10 during Rep_Cat table	If a report category has quotation marks in the custom category name, an error 10 would occur during a software update. This could also occur in category names for Graphs, Maps, or Queries. This issue has been resolved. The update will remove quotation marks from the category names to allow the update to complete.
Update	Update; Install WA.FH File error 156	During an update, FH Enterprise clients in the State of Washington would automatically have the WA.FH file installed at first login after the update. If the department had not yet installed the NEMSIS EMS code set, when the install of the FH file completed, the user would receive the "Error 156: [Microsoft][ODBC SQL Server Driver][SQL Server] Incorrect syntax near the keyword 'AND'." or "Error 4145: [Microsoft][ODBC SQL Server Driver][SQL Server] An expression of non-boolean type specified in a context where a condition is expected, near 'AND'." This issue has been resolved.
Update	Update; Temp Path w/ Spaces & Code sets	If a database has multiple EMS code sets installed, AND the computer's temp path has a space in it (I.E. - C:\Document and Settings\user\Local Settings\Temp instead of C:\Docume~1\user\Locals~1\Temp), an Error 36 would occur during a software update. This issue has been resolved.
Update	Update; log cnt includes deleted records	The update log for FH Standard version was generating a record count before and after the update process completed. The 'before update' record count was including deleted records not yet compacted from the database. The 'after update' record count did not include the deleted records, as they are compacted during an update. This issue has been resolved. Deleted records are no longer counted by the update log.