



Service Pack Release Notes Summary: Centricity™ Practice Solution (CPS) 12.X

Key Updates:

- Track & Report Clinical Quality Data for CMS Programs Using Clinical Quality Reporting (CQR) [Sign Up by Sending Us a Request to Join](#)
- Migrating & Managing Immunization Data from Observation Terms to New Immunization Tables for Quality Reporting and Immunization Interfaces [Email Us for Help](#)
- Introduction of [CCC Basic](#): An optional complementary forms package provided by GE to assist in clinical data capture and quality reporting

New Customer Online Communities:

- Launch of [ICD-10](#) Community
- Launch of CMS [Quality Reporting](#) Community
- Launch of [Electronic Medication Prior Authorization](#) Community

Service Pack Release Summary*

**Releases are cumulative so that all prior content is carried forward to the next release or service pack*

Release	Highlights
Service Pack 3	Fixes
Service Pack 4	Fixes
Service Pack 5	Fixes
Service Pack 6	Fixes
Service Pack 7	Fixes, Added CQM Support & SOP Data Capture
Service Pack 8	Fixes, Prescribing Workflow Updates
Service Pack 9	Fixes
Service Pack 10	Fixes, ICD-10 Features & JBoss Installation Tool
Service Pack 11	Fixes, Portal Data Masking & TOC Updates
Service Pack 12	Fixes, Data Mapping Update & Active Reports to activate or inactive codes
Service Pack 13	Fixes, Key CMS Regulatory Updates for ONC 2014
Practice Management Only Highlights	

Please note that all references in this document to “billable” and “non-billable” regarding ICD-10 codes simply mean “valid” and “invalid” codes. Appropriate code selection is the responsibility of the user.



Service Pack 3

Chart

- On the Immunization Management HTML form, the Preload function now stores the data to history. SPR 57803
- On the Immunization Management HTML form, the blue question mark can now be used multiple times inside the form. SPR 58146
- Care Alert warning messages now display on top of other windows so the user must acknowledge it before continuing. SPR 58320
- Invalid email addresses no longer cause CCDAs validation errors. SPR 58673
- Invalid characters are now removed during CCDAs document generation. Previously, invalid characters were being included, causing NIST validation to fail. SPR 58704
- Fixed an issue where Immunization data converted from OBS data would contain units that caused the CCDAs to fail validation. SPR 58706
- CCDAs generation no longer fails if there is not a responsible provider. SPR 58711
- Clinical Visit Summary prints all problems, medications, and allergies, but only items from the current visit for other entries. Previously, all previous visits were included for all categories. SPR 58774
- If a new Immunization or Med Admin custom list has been created by copying a factory custom list and editing it, there is a risk of it being broken when installing a quarterly Full Knowledgebase update. To prevent data loss, prior to installing the next Full Knowledgebase update, for each Immunization and Med Admin custom list:
 1. Open the Custom List editor in CPS Admin.
 2. Make a new copy of the custom list and give it a new name.
 3. Remove the old custom list.
 4. Rename the new custom list to the original name.

SPR 58783

- Language codes are now correct in the CCDAs. SPR 58787
- Immunizations with NDC codes that contain hyphens now migrate correctly. SPR 58789
- Dosage and units are now migrated correctly when they are entered as a single value with one Observation Term. SPR 58790

Technical

- JBoss completes processing a CEM job for patient charts with certain observation values that previously got stuck being processed. SPR 58712
- The FixGroupID script now runs successfully if there are documents "Filed in Error". SPR 58715
- CCDAs no longer fails validation if the observation unit is empty. SPR 58781
- CCDAs generation no longer fails if observations have no value. SPR 58788
- The CQM Query to load events on a new system no longer times out when processing a large number of charts. SPR 58792



- The Functional Measure query generates successfully when processing a long date range. SPR 58794
- Changes made in the Select Printers window are now remembered correctly. SPR 58816
- The Immunization Management form no longer gives a script error when loading the form in charts that contain migrated immunization data. SPR 58848
- Copying factory lists in the Custom List Editor now correctly sets the owner to “C” for custom. SPR 58856
- The MU Checklist form now correctly records height and BMI for a visit if the values are the same as previously. SPR 58863
- ICD-9 codes now convert to ICD-10 codes correctly when updating from previous versions of CPS. Previously, some codes were showing as SNOMED codes. SPR 58868
- The Immunization Migration tool now migrates items with invalid VIS or NDC codes. When an invalid VIS or NDC is encountered during migration, they are listed as “null” and the original is appended to the Admin Comment. SPR 58936
- When the Immunization Management tool encounters entries with invalid VIS or NDC codes it now migrates them and sets the values to NULL and appends the original to the Admin comment. Previously, the tool flagged these as invalid and did not migrate them. SPR 58939
- When the Service Layer is configured to “Disable Interfaces” the service layer now loads properly. SPR 58945
- eRx renewal requests now match items on the active medication list based on GPI, reducing the risk of mismatches. SPR 58947
- Do not use Stop Date on custom forms using the immun_add, immun_update, and immun_getlist data symbols. Immunizations created with a stop date are not exported in the CCDAs and are not counted for CQMs. SPR 59013
- Print handouts now increment the numerator for option (ii) of MU Stage 2 patient education with handouts. SPR 59018
- Language codes that contain invalid or non-standard entries are now listed as “unknown” when generating a CCDAs. SPR 59043
- During CCDAs validation, if anything other than the five valid race codes are used, the Primary race code is set to “unknown” and the entry in the patient record is added as a secondary race code. SPR 59046
- Lab results with line breaks no longer cause a CCDAs validation failure. SPR 59049
- The “doseQuantity” value in the CCDAs no longer contains extraneous decimal units. SPR 59052
- Medication precondition codes with spaces no longer cause a CCDAs validation failure. SPR 59056
- Fixed an issue where LinkLogic created documents when importing appointment messages when it was configured not to. SPR 53957
- The Immunization Management HTML form no longer gives errors if the CVX code is empty. SPR 59087
- Added details for counting ePrescribing events towards measures to the Meaningful Use Guide. SPR 59147
- Generated CCDAs documents are now validated before exporting to CQR. SPR 59187



- Stop times can now be entered for Functional Measure subscriptions. SPR 59193
- The FH-SH-CCC form no longer translates inactive records into the chart note. SPR 59195
- Line breaks are now removed from lab results, preventing CCDA validation errors. SPR 59199
- Race subcategories are now included in CCDA calculations. SPR 59204
- Invalid characters no longer appear in the CCDA, causing validation failures. SPR 59208
- Invalid document types no longer cause CCDA failures. SPR 59211
- Revised information in several workflows in the Meaningful Use guide. SPR 59220
- Modified the signature of the ADD_MUACTIVITY_LOG() method to make it easier to use and more relevant for form developers. SPR 59254
- Problem search in custom lists and quick search now includes results where the term is contained as a word anywhere in the description as long as it is a word by itself and not a suffix. For example, a search for “pain” will return results for head pain, stomach pain, hip pain, etc. It will not return results where “pain” is not a separate word such as “hippain”. SPR 59266
- On the Review Electronic Prescriptions screen, the Authorizing Provider changes to the logged in user and the prescription cannot be sent.

Resolution: A signing provider with the Access Electronic Prescribing privilege can create, sign, and send an electronic prescription authorized by another provider. As long as the signing provider is not the Responsible Provider for the document, when they sign the prescription they are listed on the Review screen as Prescribing Agent along with the Authorizing Provider. However, a Prescribing Agent cannot electronically prescribe medications for more than one authorizing provider in a single update. You must change the medications to a single authorizing provider or create separate updates for each authorizing provider. As part of this design change there is a slight change to the workflow for Prescribing Agents (such as Medical Assistants) to review and approve electronic prescription refill requests. Now, when an update is signed, the user is prompted whether to become the Responsible Provider for the update. A Prescribing Agent should click No. The Review Electronic Prescriptions screen now includes both the Authorizing Provider and the Prescribing Agent. SPR 58817

See Service Pack 3 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-63697>



Service Pack 4

- Race information for “White” and “Native Hawaiian or Other Pacific Islander” were being removed from the database when upgrading to Centricity Practice Solution 12. SPR 60190
- Upgrading to Centricity Practice Solution 12 was causing Foreign Key constraint errors. SPR 60212
- The application crashes with the error message “Error occurred in class , method CChartSummaryTabView::onUIRefresh”. SPR 60202
- Combo vaccines that had some of the series entered prior to installing the Immunization Management HTML form now track the correct series number. SPR 60203
- Users are seeing too many drug contraindication results, specifically drugproblem, drug-age and drug-gender contraindications. These displays make it more difficult to see truly critical health alerts and causes alert fatigue. To reduce the number of contraindications, users can optionally exclude three less critical drug contraindication types in the JMX console under JBoss. This configuration option will be available in the application user interface in the forthcoming release. See “Use JBoss JMX Console” on page 15. SPR 60204
- Some customers have experienced a failure when the QIE interface engine pulls data from Centricity Practice Solution to send to the CQR server. When this occurs, the WebService requests made by the QIE server get locked up in requests to the ActiveMQ queuing system, which causes QIE to timeout and retry the request. These requests pile up and use all the threads available in the JBoss server, making the server unable to respond. SPR 60208 This patch includes a change to update to a newer version of Active MQ which addresses these issues.

See Service Pack 4 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-71719>



Service Pack 5

- Combo vaccine series are now calculated for the Immunization History View and Immunization Letter consistent with the Immunization Management form. SPR 59929
- The installer no longer fails with the error “Foreign Key Constraint ‘FK_PatientRace_PID’”. SPR 60034
- Opening multiple list views no longer causes application crashes due to “out of memory” errors. SPR 60331
- The Clinical Visit Summary now prints only information from the current visit except for problems, medications, and allergies. Previously, all previous visits were included for all categories. SPR 60383
- Fixed an issue where CPT codes were being incorrectly identified as SNOMED in the CCDA. SPR 60385
- The client installer now correctly places registry values in the correct registry for 64-bit operating systems. SPR 60459
- Fixed an issue where payment entry gave an error and caused an application crash. SPR 60446
- Applying the July Knowledgebase update after applying the June ICD and CPT codes no longer causes the Knowledgebase update to fail. SPR 60349

See Service Pack 5 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-79371>



Service Pack 6

- Changed the behavior of the GET_MUActivity_Log data symbol so that printing must always finish before the log is retrieved. SPR 58925
- Immunization Migration tool now creates a required index that prevents slowness previously experienced by some customers without timing out. The tool creates an index on the OBS table required for faster performance. Previously, the index had to be created manually on OBS.OBSID. SPR 59296, SPR 59458
- Vaccine groups on the Immunization Management form now appear on the text translation. SPR 60127
- All vaccines entered on the Immunization Management form now appear on the document view. SPR 60141
- CVS documents now inherit the confidentiality settings of the parent document. SPR 60165
- The Location of Care for a document is retrieved from the associated location. SPR 60220
- Various stability fixes. SPR 60217, SPR 60263, SPR 60552, SPR 60598
- TOC documents now inherit the confidentiality settings of the parent document. SPR 60435
- Fixed an issue where an instance of a patient visit is open at the same time an instance of a patient billing is also open would generate a system error when the visit is saved. SPR 60525, SPR 60609
- Registries created in LinkLogic now show on the Registry tab. SPR 60562
- Uninstalling a CPS website on a JBoss server with multiple CPS websites no longer causes a crash when searching for problems in Chart. SPR 60567
- When generating a statement for a patient who has a balance under two companies, statements are generated for both companies. SPR 60568
- Significantly improved performance is expected with a change to the tool design that eliminates the need for the DM_MIGRATION_OBS_MIGRATED table to back up migrated rows from the OBS table. Previously tool performance was degraded and consumed more I/O resources than necessary, especially when running with parallel threads. SPR 60569
- If a patient chart is open and has no updates in progress, users can now print documents from the desktop. SPR 60578
- Only active medications are displayed in the update medications dialog. Removing a medication no longer causes a duplicate listing. SPR 60587
- After using the Medication Administration form the Medications tab no longer includes duplicates. SPR 60590
- Uncoded medications are no longer counted for CPOE measure calculations. SPR 60601
- Fixed an issue where multiple instances of the same patient visit would crash the application when the visit is saved. SPR 60608
- The Immunization Migration Wizard now correctly ignores time information in the adverse reaction field. SPR 60620
- Now able to generate an on Demand Statement for an account that has a credit balance. SPR 60637
- Fixed an issue where a resource does not get released properly, and causes a resource leak. SPR 60640



- All vaccines entered on the Immunization Management form now appear on the text of the chart document. SPR 60658
- The Data Migration tool now migrates “pneuped (Pevnar unspecified)” to CVX- 152. SPR 60666
- Fixed an issue where an order number is not being generated for every order. SPR 60673
- On the Immunization Management form, administering Proquad now indicates that Varicella, Measles, Mumps, and Rubella have been administered. SPR 60676
- The Immunization Management history view now lists Measles, Mumps, and Rubella individually when an MMR is given. SPR 60681
- The Immunization Management form now produces a text translation in the chart note. SPR 60682
- Growth chart data point tool-tip popup now shows correctly in Internet Explorer 10. SPR 60707
- Fixed an issue where CCDAs generated allow invalid values for ethnicity codes. SPR 60713
- Fixed an issue where Immunization Migration Wizard generates undetermined vaccines. SPR 60727
- Changes to the Common Event Model default parameters for stability and performance enhancements. SPR 60733
- Common Event Model configuration parameters are now editable in the JMX console. SPR 60734
- The Immunization Migration tool now evaluates additional values in determining whether an immunization Was Given. A separate post-processing SQL script is available to clean up Undetermined vaccines if you already migrated data. The script can also be customized to look for values unique to your site. SPR 60740
- Enhanced Administered Date calculation. The tool first checks to see if a valid 'AD' value exists. If so, that date is used. If not, it parses the main observation value for a date, and uses that if found. Otherwise, it uses the obsdate of the main observation. SPR 60743
- Fixed an issue where vaccines for Reason Not Given or Adverse Reactions are not migrating. SPR 60744
- Fixed an issue where clicking Rx Refill would hang and crash the application. SPR 60845
- Redesigned CVS layout so that it is easier to read. The header (patient information) is clearly separated from the rest of the CVS sections and content. SPR 60962, SPR 60964
- CVS preview now matches CVS printout. SPR 60965

See Service Pack 6 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-81641>



Service Pack 7

Features

- Added support for 14 Clinical Quality Measures (CQMs)
- Added ability to associate a source of payment (SOP) code for PQRS submission in CQR

Fixes

- EPID has been added to the CCDA generated for CQR. SPR 61185
- Fixed an issue where, on the CCDA, prescribed medications were listed as “ordered” instead “active”. SPR 61205/59103
- The start/stop dates of medication orders on the CCDA are taken from the prescribing/refill time rather than from the medication duration date. SPR 61207/ 59173
- Insurance carries now load correctly when using System > Load Insurance Carrier > Search. SPR 61259/61255
- The CCDA now includes the Risk Category Assessment category in the Procedure subsection of the Results section. SPR 61317/59226
- On the CCCDA, the Procedure and Performed stop and start dates for GE Negated Observations are now the same. SPR 61318/59954
- Fixes an issue where a CVS created for one patient was attached to a document on a different patient. SPR 61800/60572
- The FH-SH-CCC form no records “No Known Relative” and “No Known Family History” as a first degree relative to allow for adopted patients to get credit for MU Family History measures. SPR 61858
- Fixed an issue where the Care Provider on the CVS was listed as the user who created the document rather than the provider of the document. SPR 61649
- Performance & Reliability Updates
- Modification to the nightly job sending data to CQR
- Core and Menu measures updates for Meaningful Use Reporting

See Service Pack 7 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-103076>



Service Pack 8

Features

- A route can now be selected when defining the medication to be prescribed. By default, the route information from Medispan is automatically entered, but an alternative route may be selected from the drop-down. If route information is not available from Medispan, this field is blank and can be manually selected. For existing medications, the route information is blank. Users may update the route information in the Change Medication window. The updated route will not appear in MEL symbols or CCDAs documents. SPR 62121
- A new audit report has been added that retrieves the list of prescribed medications for a specific date range and user. SPR 62347
- The Electronic Prescriptions settings have been updated to allow for more granularity when specifying methods for sending prescriptions via fax or electronically. Previously, enabling/disabling electronic prescribing and direct faxing of prescriptions to a pharmacy were combined. To better support practices in States that allow electronic prescribing, but disallow direct faxing of prescriptions, these selections have been separated. Please consult your State law and configure appropriately. Access the settings via Administration > Charts > Electronic Prescriptions. SPR 62080

Fixes

- Fixed meaningful use calculations for the NQF 0028 and CPOE Qualification reports. SPR 48663, SPR 48670
- Problems that were Filed in Error no longer appear on the Clinical Visit Summary or CCDAs. SPR 61225/61201
- Redesigned CVS layout so that it is easier to read. The header (patient information) is clearly separated from the rest of the CVS sections and content. SPR 61416/ 61181
- Generic or uncoded medications that were administered now appear on the CVS and TOC. SPR 61418/61242
- Only Immunizations administered during the current visit are included on the CVS and TOC. SPR 61420/61338
- Fixed an issue with CCDAs import validation, but does not address validation issues with reconciliation of medications, problems, allergies, or procedures. SPR 61810/ 59244
- The electronic and print versions of the CVS now contain the same sections. SPR 61886/61828
- Performance enhancements to DTS processing. SPR 61527/61937
- Fixed an issue where LinkLogic would occasionally import insurance information in the reversed order of precedence. SPR 62178/60754
- Fixed an issue where the Care Provider on the CVS was listed as the user who created the document rather than the responsible provider of the document. SPR 62179/61649
- When there are items on the CVS that are too long for the page, the text now wraps appropriately and the text size no longer shrinks. SPR 62476
- On the CPOE A&P-CCC form, the capacity of the drop-down field for problems has been approximately doubled. The total number of problems contained in the list is limited to about



80, depending on the length of the description and ICD codes included. SPR 62209/59444, SPR 62282

- On the Medication Administration HTML form, the NDC for the selected medication can now be selected from a drop-down if multiple NDC codes have been configured. The selected NDC code is also added to the comment field. SPR 62211/60102
- Changes to the Immunization Management HTML form:
 - The NDC for the selected vaccine now displays on the Administer window. The field is not editable in this window and must be configured using the Immunization Custom List Editor. SPR 57657/62280
 - Entering an immunization on the form and selecting to auto-generate orders now correctly creates an Administration Order. SPR 62283/60022
- On the Immunization Management form, the Administered Date can now be the patient's DOB. Previously, an error was given that the Administered Date could not be earlier than the DOB. SPR 62318/59793
- The 'Adverse Reaction' button has been removed from the 'Administer ' window. An adverse reaction cannot be recorded until the immunization record has been committed.
- The 'Details ' dialog (opened by clicking the green check icon), for an immunization with an adverse reaction already noted, now has two buttons; 'View Adv Reaction' and 'Edit Adv Reaction'.
- Use the 'View Adv Reaction' button to open the 'Adverse Reaction for ' window.
- Use the 'Edit Adv Reaction' button to open the 'Update Adverse Reaction' window.
- The 'Adverse Reaction for ' dialog now includes an 'Edit' button. Use this button to open the 'Update Adverse Reaction for ' dialog. SPR 62215/61441
- Lot Numbers may be entered in two ways: using Manage Lots to maintain lists of lot numbers with expiration dates, or free text entry of lot numbers. Lot numbers entered as free text are not 'remembered' for future selection.
- A checkbox enables use of Manage Lots. The checkbox remembers each user's last selection.
- If Checked, the 'LM' (Lot Management) button is enabled and the Lot number field is a drop-down list of defined lots. As before, selection of a lot number includes the expiration date. Click 'LM' to open the 'Lot Management for dialog.
- If unchecked. The 'LM' button is disabled. The lot number can be entered as free text in the Lot # field. The expiration date is entered as before. SPR 62213/61532
- When Lot Management is used, lots will eventually expire. Now, these lots (numbers and associated expiration dates) will be automatically removed from the lot number list. Scanning for expired lots will occur with the opening of any immunization custom list for the first time for the day by any user. SPR 62212/61531
- There are two places where historical immunization records can be entered. Previously, for Preload, the name "Unknown" appeared at the bottom of the drop-down list of users. This no longer appears. When using the Preload dialog to enter a historical record, the user may leave "Administered by" blank or they may select a user from the list. You may add a user to your system (such as "Unknown" or "External Immunization Provider") as a substitute to indicate the individual is unknown or from another clinic. SPR 62216/59141
- Fixed an issue where a script error occurred while using the form. SPR 62214/ 61998



- The Immunization History View and Letter no longer include lines for vaccine groups that were not given. SPR 58148/62281
- The SP7 release notes included partial information regarding the Clinical Quality Reporting v1.3 update. For complete details, refer to the CQR v1.3 release notes available on the services portal. SPR 62261
- In order to export patient data for Clinical Quality Measure reporting, the Clinical Quality Measures Reporting subscription must be enabled and configured in your interface engine, and you must also have the Inquiries/Reports > Export Patients permission. SPR 62113
- Fixes for problem search:

Results now include descriptions with special characters. SPR 62434/54197

The quick search function now displays up to 10 results. SPR 62446

The smart search filter now returns results if the keyword(s) phrase is longer than 15 characters. SPR 62435/52881

ICD search now includes full synonym search capability. The next ICD and CPT updates after January 2015 must be installed. SPR 62455/54247

- Fixed an issue where an appended order created “Seen By” visit with Append and not with parent document ID. An order added in an append logged a “Seen By” visit with the append document and did not match with the numerator when the Clinical Visit Summary (CVS) was generated. SPR 62493/62735

This release corrects these contributing causes:

A clinical visit summary attached to an order created within an append and logged as a “seen by” visit was not correctly associated with the parent visit by CQR and therefore not counted in the numerator. Appended encounters now always point to the parent document.

If you were using custom document types for functional measures and identified an order code without a CPT- prefix, these codes were not sent to CQR. We automatically send for office visit, office procedure and home health visit, but other document types won't be counted as Seen By. Now service orders matching orders in the GE Office Visit value set that have no prefix as well as those with CPT-, SCT-, SNO-, SNOMED-, or CDT- prefixes are sent. If a code with no prefix is a service order and it is in the value set, it is sent. SPR 62302

- Fixed an issue where patients sometimes appeared in both numerator met and unmet counts for 13 Clinical Visit Summary (Stage 1). When a patient visit was appended using the full append option and selecting Document Type of Office Visit, the patient was counted twice in the denominator and only once the numerator even when a Clinical Visit Summary was printed for the original visit (parent document). If both the original and the appended document are office visits, each document is counted in the denominator; however, the appended Office Visit is counted as CVS unmet because the event of providing a Clinical Summary (printing, sending, declining) is only linked to the parent document. Now the chain of documents is counted as one encounter. SPR 62514/62737
- The application now checks for a valid service provider when generating a TOC. SPR 62872

GE Healthcare



See Service Pack 8 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-139118>



Service Pack 9

- Fixed an issue where provider names were not correctly displaying a suffix. SPR 51010
- Inquiries can now be run to find patients based on Race Subcategory and Ethnicity Subcategory. SPR 62218
- An end date is no longer required when changing a Test Order. SPR 62535/SPR 58666
- Fixed an issue where the default printer randomly changed. SPR 62575/SPR 61077
- Fixed an issue where removed items on the medication list appeared in the wrong order. SPR 62578/SPR 62174
- Providers no longer get the error “The parameter is incorrect” when trying to sign a document while a prescription is pending with a prescription method of “Samples Given”. SPR 62618/SPR 60046
- Updated copyright information on the login window. SPR 62619/SPR 58409
- TOC documents can now be created when an order status is “In Process”. A change from “Admin Hold” to “In Process” status is a trigger for an automated TOC send and can have implications depending on your workflows:
 - This change affects customers using the Orders Module to create Referral Orders that have a status of “In Process” when signed and are using an automated TOC CCDA generation process (QIE TOC). A CCDA TOC automatically generates when a Referral Order is “In Process” and has a service provider with an electronic address. When an order like this is signed, the TOC generates and sends an un-customized TOC. When a Referral Coordinator returns to the Referral Order to customize, create, and send a TOC at a later time, a second TOC is generated and sent to the recipient provider. The recipient provider can expect to receive two different TOCs, whose difference depends on the amount of customization, at two different times, depending on the duration between original signing and TOC/ referral coordination. It does not affect the MANUAL Surescripts Secure Message workflow.
 - This change affects all customers; GE's definition of “In Process” is changed. Previously, “In Process” meant that all referral coordination was completed, and the order was sent. Now it means the CCDA can still be generated and modified. This may cause some confusion to users that are used to how the orders module works.

SPR 61535/SPR 62646

- The Immunization HTML form now records clinical list changes for historical vaccines. SPR 62647/SPR 61973
- Providers no longer get the error “An Authorizing Provider is Missing for Order” when ordering more than one SPR 62649/SPR 56446
- Improved application stability when a network or server error is encountered. SPR 62694/SPR 61410
- TOC and CVS documents now print fully when it was previously saved in the chart. SPR 62724/SPR 59084
- Signing a received lab result no longer causes the auto-completion of orders to regenerate CCDA documents. SPR 62747/SPR 62714



- Fixed an issue where an “Undefined” message appeared on certain medications. SPR 62763/SPR 62224
- Assessments are now included in the CCDA as structured data. SPR 62774/SPR 62822
- CDA GE General Observation section now includes all observation data. SPR 62775/SPR 62825
- CCDA documents now include tracer IDs. SPR 62776/SPR 62816
- Document types “Clinical Visit Summary”, “History and Physical Note - Imp”, “Progress Note - Exp” and “Progress Note - Imp” have been removed from the Document Type drop-down list in the Update Chart dialog. SPR 62793/SPR 58047
- Fixed an issue where patients were randomly left off a statement run when batching them from Reports > File > Statements. SPR 62849/SPR 61659

See Service Pack 9 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-139347>



Service Pack 10

Features for ICD-10

- Problem search - enhanced usability with ICD-10 specificity support. This release provides enhanced problem content and search capability / usability. It includes enhanced synonym support for Smart List searching, more accurate and complete mappings, simplified search workflows, and the ability to identify and quickly select the most specific codes.
- Problem descriptions increased from 27k to 97k in the database for richer code set.
- Search algorithm enhanced to increase precision and accuracy of the search.
- Quick Search Problem Search only displays codes that are specific enough for billing. Specific codes are defined as Active and with appropriate specificity (no child codes). Once a provider selects a diagnosis three times, it's added to their Smart List to speed up searching. Smart Lists are used in the Quick Search and Full Reference Problem Search features.
- Problem Custom Lists - Codes that are not specific enough for billing purposes do not display in problem lists. You should review custom lists to remove/replace invalid codes with more specific codes and to assure accuracy in the mapped ICD-10 codes. See "Problem list cleanup" on page 6, for help identifying problem codes that should be updated.
- Full Reference Search no longer displays the ICD-9 folder "drill down" hierarchy. Instead, the search displays group level codes and more specific codes depending on the search. Show Inactive Codes check box is also removed from the search window.
- Full Reference Search always searches both ICD-9 and ICD-10 codes and retrieves codes based on clinical concept, so it is no longer necessary to choose a code type before searching. SPR 54777
- Group codes or other codes not specific enough for billing display in italic in the results window and cannot be used. Double-click these codes to drill down to related codes with greater specificity that can be used.
- Insufficiently specific codes cannot be added to the patient's problem list. When you select a code that is not specific enough for billing, the OK button is disabled and a warning displays
- Orders module - ICD-10 specificity indicator. When you select a diagnosis from the Orders Potential Diagnoses list, a code that is not sufficiently specific for ICD-10 displays in orange with an asterisk like this example: * BRONCHITIS and should not be associated with the order. The system will display a warning but will not prevent you from associating the code with an order. To see more information associated with the code description, hover over the code to see the ICD-9 and mapped ICD-10 code. You must select another diagnosis code from the list for the order, or click Edit and search for a more specific code (see below). This workflow preserves the history with the previous code.
- Orders module - Edit a diagnosis for an order in the Orders module - To change a diagnosis in the Potential Diagnoses list, select it and then click Edit. Then search for and change the diagnosis on the Edit Problem window.
- With the transition from ICD-9 to ICD-10, it is necessary to review existing active problem lists for patients because they were originally coded with ICD-9 concepts and more specificity might be required. Custom problem lists should also be reviewed for accuracy in mapped ICD-10 codes



or redesigned altogether to accommodate new coding concepts. Existing problems in a patient chart may have codes that are not sufficiently specific for billing, so you can run Non-Billable Diagnosis in Patient Records (Crystal) report to identify such problem codes for patients with past or future appointments and gradually update charts with more specific codes.

- Cloud-based advanced specificity problem search with clinical attributes options Cloud-based Advanced Specificity Problem Search is available in limited release to select customers based on number of users. If this feature is enabled for your organization, when you use the Full Reference Search in Chart or in Billing and Case Management, you'll access the latest HLI ICD-9 and ICD-10 code database where you can quickly find and select the most specific diagnosis code for billing. This feature must be enabled by GE Support.
 - Enable cloud-based problem search - If enabled for your organization, in Administration, go to Advanced Features and check Enable Advanced Specificity Problem Search.
 - Confirm your firewall permits workstation access to this URL:
<https://ge1.healthlanguage.com/le-services-342/soap/query>
 - If your site loses Internet access, return to setup and uncheck this option to switch to the on-premise version of problem search.
 - Search for and select the most specific code using Clinical Attributes - From search results, select a term to review its level of specificity for ICD-10 billing. Where relevant, select additional Clinical Attributes for a more specific code, such as disease process, anatomical site, causative agent, episode of care, laterality, stage, healing, time course, fracture type, and so on.
- Build and manage Task queues with Diagnoses as a criteria In Task Management > Queue Administration > Build Queues, the Queue Criteria pane allows users to search for and add one or more diagnoses to associate with the visit using the Find Diagnosis window. The application also alerts you when you have entered an invalid code.
- Interoperability – MIK can determine the correct ICD code when duplicate code names exist in ICD 9 and ICD 10. When problem codes are received from an external system without a coding system name value, sometimes a unique match cannot be found based on the code value alone if the code value exists in both ICD9 and ICD10 code databases. When this happens, MIK sends “???” for the code to the Notes tab and notes that “MIK import found multiple codes matching the diagnosis”. To prevent these unmatched codes, MIK now matches using both the code value and the code system name. The coding system database to search is set to ICD9 by default in MIK Destination setup. Important. When your organization implements ICD10, change this setting to ICD10. SPR 63443
- Other usability enhancements Launch Update Medications, Problems, and Orders windows from Chart Update viewer. Buttons have been added to the Update Chart window to open Update Medications, Update Problems, and Update Orders. SPR 63076
- Automated server configuration utility The Server Configurator calculates, installs and deploys the recommended JBoss and Service Layer configuration for your site. You can add/remove servers to meet the recommended configuration, validate, and then automatically install JBoss to support the selected configuration. The Apply Updates, Install JBoss, Install Service Layer, Install Website, and Change App Logon buttons have been removed from Server Setup. You must use Server Configurator for these tasks. Server Configurator is launched after you have



installed or updated your database with Server Setup. The Server Configurator button is located on the main Server Setup menu. Press F1 after launching Server Configurator to access the online help. See Release Notes for more details.

Fixes

- Performance and stability enhancements. SPR 61049, SPR 61385, SPR 61797, SPR 61923, SPR 63166, SPR 63333, SPR 63349, SPR 63374, SPR 63412, SPR 63434, SPR 63438, SPR 63441, SPR 63466, SPR 63470, SPR 63474, SPR 63572, SPR 63655, SPR 63816, SPR 63696
- Addresses various login issues. SPR 60959, SPR 60996, SPR 61011, SPR 61026, SPR 61027, SPR 61028, SPR 61044
- Stability improvements during CCDA generation. SPR 56521
- Addresses an issue where the application would crash if the user tabbed out of the Prescribing Method field in the Refill Medication window. SPR 56999
- Addresses an issue where clicking to go to another form component from the CCC Basic encounter type opened a different component. SPR 58736
- Addresses an issue where users received a message about incomplete orders on every visit that had a test order that is not in a status of "Complete". SPR 61402
- Updates to the Immunization Management HTML form to associate an allergy with an immunization adverse reaction. Users can now add, update, or remove an allergy (including criticality) to an immunization. The text translation has also been enhanced to translate criticality from an associated allergy and displays it in the chart note:
- New data symbols:
 - MEL_ADD_ALLERGY_GET_GROUPID – Adds a new allergy or adverse reaction to the patient's allergy list and returns the reference (allergyGroupID) for an added allergy.
 - MEL_GET_ACTIVE_ALLERGY – Returns the latest active allergy detail associated with a given allergyGroupID for a patient.
 - MEL_GET_SDID() – Returns the current active document's SDID.
 - Updated data symbols:
 - IMMUN_ADD, IMMUN_UPDATE, IMMUN_GETLIST – AllergyGroupID added to values returned for an immunization SPR 61975
- Addresses an issue where the client crashed when putting an update on hold with a required field not filled in. SPR 62092
- Addresses an issue where entering two medications on the Medication Administration HTML form resulted in only the first text translation. SPR 62516
- Addresses an issue where bulk retrieving charges procedure codes were randomly duplicated multiple times for each charge on the visit. SPR 62595
- Addresses an issue where the scrollbar suddenly jumps to the top of the window during a refresh. SPR 62933
- Diagnosis codes are now saved correctly to the visit. SPR 62977
- Addresses various issues with formatting options in updates and letters not working correctly. SPR 57724, SPR 63069, SPR 63087
- Addresses an issue where the application crashed if the user clicked the close window (X) button multiple times. SPR 63164



- Addresses an issue where the application froze when adding problems from the orders window. SPR 63169
- Addresses an issue where CCDAs generation caused an error in the Allergy section. SPR 63179
- Addresses an issue where, if LinkLogic is configured to create an on-hold document when appointments arrive, if an arrived appointment is then modified, a second on-hold document is created through DTS. SPR 63239
- Addresses an issue where the Transition of Care box was not staying checked if there were on hold documents. SPR 63262
- Corrects the data symbol ADD_ATTACHMENT() to restore the ability to specify a UNC moniker path for an image attachment starting with \\ . Now a moniker can either be a relative path name or a UNC (absolute) path name, beginning with \\ or a URL, or something like "E://..." Backslash in the path names followed by special characters such as \t, \n, \r are also supported and properly interpreted. For example, "C:\radiology\tumor images\normal_mam.bmp". See data symbols help for ADD_ATTACHMENT() for details and examples. SPR 63281
- Addresses an issue where the message "Error Occurred in Class, Method Window:: event - WMsg = 273" appeared and the application crashed when users opened various CCC Basic and Orthopedic forms. SPR 63372
- Only adjudicated procedures are considered to be included in the residual column once an ERA payment has been posted. SPR 63383
- Adds diagnostic code to analyze the occurrence of "CurrentDomainOnUnhandledException" errors. SPR 63387
- Addresses certain situations that would cause the error "Error occurred in class , method CMLRouteDocumentDlg::OnSign". SPR 63391
- Addresses an issue where clicking the New Document button caused the application to crash. SPR 63419
- Addresses an issue where, if a user uses the refill button and the NDC Number has changed due to a Knowledgebase update, the new prescription failed due to an NDC number mismatch. SPR 63515
- Addresses an issue where users were asked to override interactions that were already overwritten. SPR 63520
- The document type is now included in the CCDAs. SPR 63524
- Addresses an issue where one DTS appeared to be processing another DTS' messages when there were multiple DTS instances. SPR 63530
- The prescription report for New Jersey now prints one medication per page. An additional report (prescnj_4up.rpt) is available if the requirement changes to allow multiple medications on a page. To use this report, rename the original prescnj.rpt file to any other name (for example, prescnj_1up.rpt) and rename prescnj_4up.rpt to prescnj.rpt. SPR 63560
- Addresses an issue where a patient's date of birth falls in the current year, on initial load of CQR Subscription, the CCDAs is not generated for that patient. SPR 63598
- Addresses an issue where Functional Measure subscriptions were timing out while creating CCDAs, resulting in inaccurate CQR reports. SPR 63602
- Addresses an issue where DDIDs rolled over and were out of order, causing the application to crash. SPR 63629



- Addresses an issue where refilling a prescription from the chart caused the error “Refill is either 0 or the prescribing method is fax or electronic”. SPR 63211/SPR 63670
- Addresses an issue where forms were not opening correctly when double-clicked in the navigation pane. SPR 63779
- Addresses an issue where the application crashed when appending a document with an embedded image. SPR 63884
- Addresses an issue where client crashed when a user closed a form and then logged out and logged in again as same user. SPR 63895
- Corrected issue on the Inquiries windows, where tabbing from the Find section caused client to crash. SPR 59262, SPR 56999
- CCDAs now send authorized by provider instead of signing provider for encounters and procedures so the patient is included for Clinical Quality Measures reporting. This corrects a problem where patient was not included in the CQM results even though a SNOMED code was appended to a qualifying office visit during the reporting period. SPR 63326
- Addresses an issue where an encounter form is hidden behind the chart module when a user logs out of the client during a chart update, and then logs back in as different user with “return to Chart”. SPR 63904
- Title bar for Confidential Encounter type now displays all relevant information instead of being blank. SPR 58142
- Addresses application error that occurs when attempting to approve a visit from the Visit window. SPR 63924
- Fixes an issue where the application crashes while a prescription printing is in progress, when the user selects a different form from the form list pane. SPR 63851 Issues addressed for GA release:
- Quick and full problem search results that are an exact match for text entered now appear at the top of the list of returned results. SPR 63967
- Corrected some keywords data content for problem search with incorrect associations. SPR 63808
- CPOE for Lab & Rad now calculating correctly in CQR if non-licensed staff enters the first in a series of orders for the patient. SPR 63686
- In the Advanced Specificity Problem Search if a user selects a valid but less specific code with multiple refinement options, the search now returns the parent code. Previously, it returned the more specific first code from the refinement list, which could result in an incorrect problem being added to the patient's chart. SPR 63999
- Advanced Specificity Problem Search attribute filtering now functioning properly and returning all appropriate codes. Previously, clinical concepts that require a circumstance code in addition to a primary diagnosis could not be refined to select the circumstance code. SPR 64002
- Addresses performance and stability issues occurring at sites running more than 3 website/JBoss deployments. Now on Server Configurator you can choose configuration settings options for 2-4 or 5-8 web site deployments. See “ICD-10 planning and preparation resources on the Service Portal” on page 10. SPR 63974
- Now when opening Chart from Schedule for the very first time, the Chart module is in front of the schedule and not minimized. SPR 63969



- Now when adding a form in a Full Append Update, the form is no longer occasionally hidden behind the chart window. SPR 63918
- The width of the desktop summary column now remains after it is adjusted. SPR 53561/SPR 58368
- Fixes an issue where documents co-signed after the nightly JSON extract were not associated with the EP unless they were appended. SPR 63961 CCC Basic v1.2 includes the following fixes:
- You can now preload PCV7 in Immunization Administration. Vaccine Pneumococcal PCV13 is renamed to PneumoPCV in the Imm_vaccinegroupname table. SPR 64039
- The CPOE A&P-CCC Form now pulls in medications for all diagnosis codes. SPR 61951
- The Entry Form editor now opens the correct library file when “Open text file to edit” is clicked. SPR 63034
- Deleting a series in the middle of an immunization custom list no longer causes an error while loading the Immunization Management form. SPR 63444
- Fixed an issue where adding a problem in the CPOE A&P form resulted in an error during order generation. SPR 63315
- Fixed an issue in the Immunization Management form where, if the Amount Given field contained both a numeric value and a unit dose, the vaccination record would not save. SPR 62141
- The Problem- CCC form now correctly returns the mapped Problem Custom List. SPR 62202
- Fixed label in the Risk Factors-CCC form to read “Felt guilty about drinking:”. SPR 62400
- ICD-10 codes now show in the CPOE A&P-CCC form in the Order Information message. SPR 62750
- The Entry-CCC form no longer adds MEL in the chart update. SPR 62866
- In the Urgent Care Management form, the drop-down values can now be cleared under the Reasons Not Performed tab. Data no longer shows in the chart note after the values are irrelevant. SPR 62751
- The Add/Update dialog now allows users to edit the details if there was a validation error in the data entered. SPR 62845
- NDC and CVX are now added to the immunization translation to chart note. SPR 63544
- Lot management fields are now cleared after deleting the lots. SPR 62836
- The correct Test Management form and editor are now included in the package. SPR 64033

Service Pack 10 [Webinar Slides & Recording](#)

ICD-10 [Resources](#) & [Webinar Series](#)

[Editing CCC Text Files](#) for ICD-10

Server Configuration [Slides & Recording](#)

See Service Pack 10 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-168309>



Service Pack 11

Features

- Patient Portal data masking This release provides the ability to mask patient data from displaying on your patient portal in the ambulatory summary CCDAs, including lab results, problems, medications and procedures (orders). This feature is consistent with the requirements for meeting Meaningful Use View/Download/Transmit objectives. You can mask data that is confidential or sensitive, data that is required by state law or more appropriate to be communicated to a patient in person, or any data that might need to be masked for the safety and well-being of patients. When implemented, this enterprise-wide solution automatically excludes or includes data you have configured whenever a CCA is triggered to be sent to the patient portal. See the release notes for details to implement.
- Transition of Care document enhancements In this release, the Transition of Care (TOC) CCA has been shortened and is easier for providers to review and customize.
 - TOC document is now encounter-specific, except where CMS requires otherwise, such as all active medications and problems.
 - All chart sections with data that was updated in the encounter are included in the TOC document and the provider can choose to remove sections that are not relevant for the transition of care. Create a Transition of Care Document in the Orders module by right-clicking on an order. On the Preview screen, you can remove an entire section or customize its content.
 - Sections added for customization: Review of Systems, Physical Exam, Advanced Directives, Family History, History of Past Illness. These sections are included because they might include information relevant to the transition of care. Providers can customize the document to exclude these sections if appropriate.
 - Displayed data is Visit Specific, Date Based, or Most Recent. While some sections require display of All Active data (problems, medications), most data are included that were added in the visit. The latest lab results observations are sent, including historical observation data. Certain other recent data prior to the clinical date of the parent document might be included if the provider chooses to include them. For example, when social history, family history, advanced directives, and functional status assessments are checked for inclusion, if there is no relevant data from the current visit then data entered in a previous encounter will be included.
- Export ICD-9 or ICD-10 problem code or both in HL7 messages New LinkLogic export diagnosis code constraints for problems, procedures, and orders replace previous single option to export diagnoses with only ICD-9 codes. To configure settings, in Administration, go to System > LinkLogic > Task Options > Export Tasks and then select the appropriate export task.
- Clinical users can capture NKA and NKDA separately Chart users can now capture No Known Drug Allergies (NKDA) when an environmental or food allergy is present in the patient chart. When no allergies are documented, the No Known Allergies (NKA) check box is available. Once a food or environmental allergy is added, the No Known Drug Allergies (NKDA) check box is available. SPR 64053



- Cloud-based Advanced Specificity Problem Search Available Cloud-based Advanced Specificity Problem Search previously in limited availability for testing in SP10 is now available for all customers. In this release, search methods are enhanced to improve the specificity of results returned. When this feature is enabled in Administration (in Advanced Features), all providers (enterprise-wide) using Full Reference Search in Chart or users searching in Billing and Case Management will access the latest HLI ICD-9 and ICD-10 code data
- Server Configurator enhancements Server Configurator was initially released with Service Pack 10, and is used for JBoss and Service Layer installation. Refer to "Automated server configuration utility" on page 54 for an overview. For detailed instructions, click F1 on the Configurator to access online help.
 - To reduce possible delays and avoid installing unnecessary software on the client, Server Configurator now checks for enabled admin shares and requires 10 GB free space at the time the installer selects the drive to install JBOSS to. Previously, it expected all drives to have admin shares enabled and created GE Deployment directories on all drives when the Validate & Add button was clicked. SPR 64143
 - Server Configurator now alerts you if Windows Power Shell Execution Policy prevents Server Configurator from installing the Service Layer. When an execution policy is set to All Signed or Restricted, locate the group policy that has this setting enabled and resolve it. For additional details, click F1 for Server Configurator online help. SPR 64236
 - New options are available for calculating and deploying multiple websites for both full systems and systems licensed for Centricity PM only.
- Modified Flag and Care Alert performance filter to hide deleted flags This release modified the Flag and Care Alert performance filter that was implemented in SP10 to reduce the number of documents, alerts, and flags loaded when the chart is opened. SPR 63149 In the previous release the filter did not load flags and care alerts with a due date more than 12 months prior to the current date. In this release the solution is modified to filter out only expired flags, deleted more than 12 months prior to the current date. Unexpired flags and care alerts are loaded regardless of their due date in accordance with provider view preferences. SPR 64082 See release notes for details on applying the filter.

Fixes

- Various measure quality reporting fixes
- Preferences - Administrator-set Schedule preferences for individual users now persist in the Administrator's view after making changes for a user and logging out. Previously, Administrator's changes were saved and visible to the user but not for the Administrator. SPR 53757
- Problem Search
 - Quick Search using Smart List no longer displays problems marked as Inactive (non-billable). SPR 64471
 - Advanced Specificity Search has been modified to return precisely the result a user selects from the Advanced Specificity Problem Search window. SPR 64113
- Advanced Specificity Problem Search - Client no longer crashes when Advanced Specificity Search is enabled and user adds certain ICD-10 codes to the patient chart. SPR 64553



- Transition of Care (TOC) CCDAs
 - Checked/unchecked data items in Transition of Care “Customize Sections & Entries” sections are now properly included/excluded in the generated CCDAs document. SPR 64509
 - Restored the ability to see latest historical labs in the Lab Results section of the TOC CCDAs per recently finalized 2015 Proposed Rules for Stage 2. SPR 64655
- Administration
 - Customize Letter Window in Administration now includes full view option. Click the maximize icon in the upper right corner to expand. Click again to minimize. SPR 63964
 - The Internet URL site type for Advanced Specificity Search cannot be inadvertently changed in Administration and interrupt the connection. SPR 64140
- Billing
 - A user without appropriate permission is not prevented from using Batch Closing Override. SPR 60778
- CCDAs
 - Corrected an issue causing CCDAs validation errors when spaces are included in the Immunizations section Translation Code attribute value. SPR 59946
 - CCDAs now always includes the manufacturer Organization's standardIndustryClassCode. SPR 62374
- Centricity Framework
 - When running the Chart module in the Framework, Medication Override Reason list can now be accessed. SPR 64107
- Chart
 - Chart document view no longer randomly resizes to a smaller size. SPR 62420
 - Drug Override correctly ignores contraindications with food/ethanol when user or system preferences are set to ignore them regardless of the interaction level, including when signing clinical list items. SPR 45797
 - Corrected an issue where after an application error while documenting an office visit, pending observation terms were SIGNED at the moment of the error, even though the note remained unsigned. SPR 63017
 - Patient Banner no longer disappears occasionally when the Enter key is pressed, for example, after discarding an open document or immediately after selecting a patient's chart. SPR 63923
 - Immunization Management form no longer crashes on Save when using the “Preload” encounter type. Previously, the form crashed if it was the only or first form listed in the document template associated with the encounter type. SPR 63821
 - TOC document now linked to master document directly instead of as a child of append. SPR 64158
 - Corrected issue that prevented users from double-clicking to open an on-hold Clinical Visit Summary. SPR 59408
 - Application allows users without medication override privileges to acknowledge dosing warnings. SPR 64036
- Common Event Model



- Corrected coding to prevent “Payload is not generated for the Job” errors in JMX Console when encountering certain null and empty values. SPR 63095
- ICD-10
 - Source Of Payments list on Insurance Carrier Information tab now displays the SOP Code before the Description to facilitate updates required for PQRS reporting. Previously only the Description displayed. SPR 64108
 - Superbill report no longer prints ICD-10 code as ICD-9 code. SPR 62314
 - Problem Custom Lists now permit users to edit the ICD-10 code field. See "Edit mapped ICD-10 code for a problem custom list" on page 9. SPR 63941
 - Find Problem workflow for some billable codes no longer returns an ICD-10 diagnosis SNOMED code link that is a duplicate of the ICD-10 code when the SNOMED code should be null. SPR 64272
- LinkLogic / DTS
 - DTS Export Hereafter setting now works properly with multiple DTS and starts exporting changes from the hereafter time value as soon as it is set. SPR 61427
 - LinkLogic now provides a way to send only an ICD-10 or ICD-9 code. For details, see "Export ICD-9 or ICD-10 problem code or both in HL7 messages" on page 6. SPR 63757
- Messaging implementations
 - ChartLinx messaging now sends/receives data directly from chart to messaging. The messaging tab also correctly identifies when unsigned clinical list items are present. Previously, the Attach Chart window displayed a warning message for presence of unsigned clinical list items when there were no unsigned items on the patient chart. SPR 63978, 63982, 63823
- Performance
 - Addressed a performance issue in archive_obs. Resolution also prevents archive_obs from being repeatedly exported by DTS. SPR 63363, SPR 62373
 - Corrected a coding issue that caused exception in “CMainFrame::OnClose” when user clicked the X button multiple times on the application main menu page. SPR 64152
 - Application no longer crashes when the New Medication window is forced to close during an Idle Timeout. SPR 64122
 - Improved coding to enhance performance and reduce Chart open time. SPR 64123
 - Fixed an issue where Lastmodified and Lastmodifiedby columns were not updating when making a change to a patient contact. SPR 63030
 - Enhanced DocRoute (route lost documents job) to run more quickly. SPR 64144
- Printing
 - Printers specified for a service provider are now honored when tests and referrals are printed out during an update. SPR 63920
- Problem Search
 - Find Problem workflow for some billable codes no longer returns an ICD-10 diagnosis SNOMED code link that is a duplicate of the ICD-10 code when the SNOMED code should be null. SPR 64272
 - Users can search for any keyword in quick search, using the *Smart List with a searchable entry in the Most Used Problem list. SPR 64142



- Problem Full Search now stores the SNOMED code needed for Meaningful Use when a CCDA is generated. SPR 64176
- The Internet URL site type for Advanced Specificity Search cannot be inadvertently changed in Setup and interrupt the connection. SPR 64140

See Service Pack 11 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-177132>



Service Pack 12

Features

- Data mapping search now includes both start and end range options. New End Date can be set when searching for observation terms for a specified date range. SPR 63708, SPR 63706
- New Active Reports to Activate/Inactivate Codes by Effective and Expiration Date New ICD/CPT codes are often dispersed in advance of becoming effective with a future effective date. Two new reports in the Reports > Administrative folder can be used to set to inactive codes that are not yet effective and to set codes to active when the effective date is met:
 - Inactivate Diagnosis Codes by Date report - This report finds diagnosis codes where your Input Date is earlier than Effective Date or after or the same as the code's Expiration Date. An optional update query will inactivate all codes returned to prevent them from appearing in problem search results in the Chart module. If you perform optional inactivation, you must wait 15-20 minutes for problem search SOLR index files to be fully updated before expecting inactivated codes to disappear from problem search results.
 - Activate Diagnosis Codes by Effective Date report - Use this report to find diagnosis codes where the Input Date you specify is earlier than code Effective Date. An optional update query will activate all codes returned to make them available to display in problem search results in the Chart module. If you perform optional activation, you must wait 15-20 minutes for problem search SOLR index files to be fully updated before using problem search to retrieve newly activated codes.

Fixes

- **Administration**
 - Fixed an issue under Orders > Service providers where the list of providers did not scroll to view the entire list. SPR 63880
- **Billing**
 - Fixed an issue where problem and procedure codes were duplicated in billing. SPR 64699
- **Chart**
 - NG Feeds and G-Tube Feeds can now be selected as routes when adding a medication. SPR 66685
 - Fixed an issue where, if an encounter form was set to automatically check "Medication list reviewed during this update", the review was not being recorded correctly. SPR 66466
 - Addressed specific workflows associated with SPR 62043 where, if the patient had entries in the Provider/User in the FLAGS.TOUSER, FLAGS.FROMUSER, and PERSON.RESPPROV fields, but the user was missing from the USR table, Null exceptions on INSURANC.PSISTATE,IMMUNIZATION.SERIES, the application would crash. This



resulted in the application crashing while attempting to add or modify a medication and Rx refills. SPR 66601

- Fixed an issue where the default print items for printing chart documents was incorrect. SPR 66239
- Fixed an issue where printing a form caused the application to freeze. SPR 66335
- Fixed an issue where diagnosis information was not saved correctly when a POA indicator was included. SPR 66336
- Added two scripts and multiple reports to address an issue where document signing was occasionally not signing all Clinical List items. See "Unsigned Clinical List Reports" on page 12 for details on the scripts and reports and how to run them. SPR 66205, SPR 66207, SPR 66208, SPR 66211, SPR 66212
- Fixed an issue where new encounters were slow to open, especially on large patient charts. This fix includes an overloading data symbol LIST_OBS, adding a fifth argument "docDetails": The syntax is: LIST_OBS(observation,status,list_type,format, [docDetails]) The new argument "docDetails" is a Boolean type and is set to TRUE by default. When set to FALSE, unnecessary reads to the Document table are eliminated; therefore, the following data from the Document table will not be returned: Location of Care, Document Type, Visible Document ID. This argument is used only for the delimited format. For example: LIST_OBS("MEDS REVIEW", "Signed", "Delimited", "value", FALSE) Returns: Done^03/14/2016^2:11:57 PM^Harry S. Winston MD^Harry S. Winston MD^^^^^ SPR 65737
- Fixed an issue where users were getting an alert "Another user is editing text, try again later." SPR 61045
- The Immunization and Medication Administration custom list editors now require and check for a valid NDC code Format. The Immunization custom list editor includes an NDC Format field on the Edit Vaccine window that allows user to specify the standard NDC format 5-4-2 or 4-4-3 when entering an 11-character NDC code. Default format is 5-4-2. The Medication Administration custom list editor specified the format required on the NDC Code entry field. The system validates the code with the format before saving it to the database. If the field is blank, you see an "Invalid NDC code" error. If you enter less than or more than 11 characters or include characters other than hyphens, you see the message: "Invalid NDC code. Please enter a valid NDC format (e.g. 5-4-2 or 4-4-3)." The vaccine administration form displays the NDC number in read only format. If you notice an error during an update, note the correction in the comment field for the administration. NDC number corrections must be done in the custom list editor. After upgrade, review your custom lists for incorrectly formatted NDC numbers. SPR 63012, SPR 63014
- Fixed an issue where the "Previous" button was not working properly when navigating between encounter forms. SPR 65856
- Addressed an issue when working in an encounter form and a message opened and was dismissed, the encounter form was resizing to the default size. SPR 66185
- Fixed an issue where loading a new encounter took more time than expected, especially in large charts. SPR 65738



- Fixed an issue where entering vaccines from the Immunization Management form encountered a space limitation and did not appear in the chart, and led to a script error. SPR 61667
- Fixed an issue where the Potential Diagnosis list in Update Orders was showing as not ICD-10 specific, even if they had a valid ICD-10 code. SPR 66163
- Fixed an issue where procedure codes built on the Problem Custom List were not visible when adding new problems. SPR 65669
- Fixed an issue where adding an adverse reaction to an immunization created marked the immunization as “removed” in the Clinical List Changes. This fix relies on an update to the Immunization Management HTML form that was released in March 2016. Make sure you have the Immunization Management HTML Form Patch for CCC Basic v1.4 installed. The patch can be downloaded from the Centricity Services web site at: <https://engage.gehealthcare.com/community/en/cps/clinical-content>. SPR 62173
- Fixed an issue where data from certain forms were not showing in the chart. SPR 65675
- Addressed an issue where, if the application is published and used as a terminal service, CPS crashed when opening a Phone Note. SPR 63691
- Fixed an issue where the Refresh button wasn’t working on CCC forms. SPR 64054
- Fixed an issue where the dosing calculator was giving incorrect dosing information for certain medications for pediatric patients. SPR 64780
- Fixed an issue where the ICD-10 code E11.51 was duplicating in the Update Problems window when the application was refreshed. SPR 65629
- Columns in the Chart Desktop now retain their size if the window is closed and reopened. SPR 52648
- Addressed multiple issues with the scrollbar and cursor jumping to the top of the screen. SPR 63553, SPR 64219, SPR 45236
- Fixed an issue where a warning was given when adding problems that a duplicate problem was being added even though the ICD-10 codes were different. SPR 64042
- Fixed an issue where users were unable to select “Additional Signature Required” on a Custom Document type if the permission had been given and then removed. SPR 64128
- Addressed multiple issues where inserting forms into an encounter, the new form did not get inserted directly below the current form. SPR 64307, SPR 55244
- Addressed multiple issues where clicking to go to another form component from the CCC Basic encounter type opened a different component. SPR 58736, SPR 60368
- Addressed multiple issues where old flags were causing the application to crash. SPR 60101, SPR 61330
- Fixed an issue to improve signing transaction protection. Clinical data (such as obs terms, orders, meds, allergies, directives, and the document itself) is not signed if signing a document failed. SPR 63017
- Fixed an issue where the Immunization Custom List Editor was not pre-populating the VIS Date for Vaccine Groups. SPR 63549
- Fixed an issue where non-strength medications in the reference list were not indicating drug interactions when prescribed. SPR 63637



- **EDI**
 - Fixed an issue when using Real Time Eligibility in Registration, a warning about “EDI Tracking Enabled” appears across the title of Chart. SPR 58161
- **General**
 - Orders that have been sent are no longer marked as unsigned by the Unsigned Clinical List reports. SPR 66767
 - The Unsigned Clinical List reports no longer give an error if a the clinical date of a document is very old. SPR 66769
 - Fixed an issue where CCDAs were not resent after the Unsigned Clinical List repair script if the corrupted item was from an HTML form. SPR 66772
 - The Unsigned Clinical List Auto-Repaired report now shows which problem an assessment was for. SPR 66773
 - Fixed performance issues while running the historical repair script after the nightly job. SPR 66779
 - Fixed an issue where the local printer was being used for task-based printing rather than the printer indicated for that task. SPR 66668
 - Fixed an issue where Dragon crashed when turning on the microphone. If you had previously changed the settings of the Dragon nsapp.ini file for emrTer from 9 to - 1, you will need to change it back to 9 – see release notes for details
 - Reverted a fix for SPR 63017 in Service Pack 11 that attempted to improve signing transaction protection, where clinical data (such as obs terms, orders, medications, allergies, directives) was signed, but the document was not signed if signing it failed. SPR 65931
 - Fixed an issue where inactive users were not showing in selection lists, even though “Show Inactive Items” was checked. SPR 65579
 - Fixed an issue where only 200 active users were visible when selecting a provider. SPR 65346
- **Meaningful Use**
 - Fixed an issue where CareTransIn obs values were not being counted correctly in the denominator for the Medication Reconciliation functional measure. A database repair script has also been added to ensure that any existing CareTransIn obs values are counted correctly. SPR 65762, SPR 65921
 - Fixed an issue where low numerators may have presented for CPOE Laboratory and Radiology orders in workflows that included non-credentialed and credentialed users making numerous clinical list changes within a document. SPR 65408
 - Fixes an issue where documents co-signed after the nightly JSON extract were not associated with the EP unless they were appended. SPR 63961
- **MIK**
 - Addressed an issue where, if a CPS database is licensed only for PM and not Chart, the Patient Merge HL7 ADT^A18 message fails to be sent. Previously, an error appeared in the MIK Event Log: “Send done, status=MIK_ERROR, msg = Cannot find any information about patientId mapping for the destination LinkLogic.” SPR 63825



- **Orders**

- Fixed an issue where, if a Problem was added to the chart twice from different lists, an incorrect Diagnosis displayed in Update Orders. SPR 64778
- Fixed an issue where the application would freeze intermittently when placing orders. SPR 65418
- Fixed an issue where the ORDER NEW data symbol did not trigger when the document was signed so the EMR Link Process Order Form did not trigger that the order was signed. SPR 65375
- Fixed an issue where orders did not show on the Orders tab when using a Service Provider with the NO FORM setting enabled. SPR 65378
- Fixed an issue where test order forms printed blank when signing orders at the end of an update. Orders that have previously been processed incorrectly due to this issue may reappear in the document; however, they are not duplicates and will not be sent out again. SPR 65353
- Fixed an issue where duplicate order numbers were occasionally generated. SPR 47153
- Fixed an issue where the printer designated as the default printer for Orders was not being used and the printer was defaulting to the printer selected for “All Other Documents”. SPR 61752
- Fixed an issue where orders were printed to the default printer and not the one selected in “Task Based Printing”. SPR 65281

- **Performance**

- Performance and stability enhancements. SPR 64310, SPR 64114, SPR 64152, SPR 64744, SPR 64818, SPR 65495, SPR 61023, SPR 65758
- Updated Configurator to better handle setting up smaller systems. SPR 66153
- This patch includes performance enhancements that optimize the core stored procedure (processworkstalog) used when refreshing. SPR 66369

- **Prescriptions**

- Fixed an issue where medications were disappearing on the Prescription Refill form when the MEL symbol MED_LIST_CHANGES(“DELIMITED”) was used in the text component and Prescriptions form. SPR 57312

- **Problem Search**

- Fixed multiple issues where Advanced Problem Search gave errors when searching for specific problems. SPR 65944, SPR 65945, SPR 65946, SPR 65966, SPR 65362
- If you enter a search term mapped as a keyword to a problem code in your most recently used problems list (Smart List), any codes mapped to that keyword will appear in search results at the top of the list. For example, if you type the keyword “dm2” and you have problem AODM in your most recently used problem list, then that code will appear at the top of the list followed by other problems mapped to diabetes. Problem codes on the Smart List that match the entered search term either by keyword or description are listed first. Matches to codes that are not on the Smart List are listed next (up to list maximum of 20). SPR 64142
- When a code has been marked as inactive in the Diagnosis table it is now considered non-billable and is not be displayed in Smart List search results. SPR 64471



- **Reports**
 - Updated the Problems Report to include ICD-10 codes. SPR 64168
 - Fixed an issue where the Diagnosis search stopped working in reports if the caption of the “config.xml” file was changed. SPR 62562
- **Schedule**
 - Schedule limits now honored in the Appointment Search with new override options. If you define daily limits for the day for Appointment Types or Financial Class Limits in the schedule template for a provider and then search for that type of appointment, only available slots in days where the daily limit has not been met will display. Previously, all available slots displayed and you had to select a slot to find out if that day's limit had been met. With proper security, users may override template restrictions on daily limits by selecting one of the following options on the appointment search window. These options are useful when no results are returned for a schedule that contains limits and a user needs to override the limit restriction: 1. Override search results to return dates where Appointment Type limits have been met 2. Override search results to return dates where Financial Class limits have been met SPR 64294
- **Settings**
 - Added the setting “EnableNewSigningTransactScope” to the file mlsetvar.txt to adjust the scope of signing transactions to address an issue where forms with long document temp variables (over 4000 characters), gave an application error while documenting an office visit, and pending observation terms were SIGNED at the moment of the error, even though the note remained unsigned. Set the variable to TRUE to enable the new transaction signing scope, or FALSE to turn it off. SPR 64383
- **Unsigned Clinical List Reports**
 - An issue was detected that document signing is occasionally not signing all Clinical List items (problems, medications, prescriptions, immunizations, in-office medication administration, allergies, advanced directives, care plans, observation terms, and orders). In such cases, these Clinical List items related to a patient chart are not displayed to the user even though they are saved in the database. SPR 65656 This package includes five reports to determine if any patient charts were affected by this issue and a repair script. SPR 66205, SPR 66207, SPR 66208, SPR 66211, SPR 66212 See Release Notes for Details [Video](#)

See Service Pack 12 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-214388>



Service Pack 13

Features

- Objective 3 - Recommended workflow for CPOE Entering User Some customers may benefit from the following modified workflow for the CPOE objective for the remainder of the 2016 reporting year for Meaningful Use.
- Getting credit for CMS 50 (Closing the referral loop: receipt of specialist report)
- Computed Dose Calculation (CQM 154 and CQM 146) The system now stores the computed dose calculation with the medication information so that the daily dose and frequency per day can be reported in the exported CCDA document, and CQR can compute the cumulative medication dose. Cumulative medication duration is generally calculated as the number of doses in the interval of interest, divided by the doses per day. For example, if a patient received 60 doses in the interval of interest, and took three doses per day, the CMD would be 20 days ($60 / 3 = 20$). Previously, the daily dose and frequency per day was not reported in the exported CCDA document and CQR could not compute the cumulative medication dose. So for 2016 CQR uses the medication start and end dates, which might represent a higher cumulative dose than the patient actually received. For 2017 reporting, CMS 154 and CMS146 will be updated to use the prescription details when available. F1774
- Location of care associated with procedures and reported to CQR CPC Initiative (CPCi) and CPC Plus Reporting. Clinics participating in the Comprehensive Primary Care Initiative (CPCi) must report the location of care associated with an encounter or delivery procedure. However, for SNOMEDCT encounter codes, the order location was not included in the CCDA, so the provider's location is used. For providers practicing in many locations who do not use CPT encounter codes, the CQR default location may be inaccurate. Now location of care is associated with procedures for encounters so you can report the location of care associated with a procedure when that patient's CCDA is exported to CQR. This ensures that quality measures associated with procedures are calculated correctly. The generated procedure and location of care meet requirements under edition certification criteria. F1462
- Objective 9 - Secure Electronic Messaging to 1 patient For 2017 reporting, SureScripts now records a Secure Message Sent to Patient with event type ID 522 in the MUActivityLog to meet the new 2016 Secure Electronic Messaging (Objective 9) requirement to count messages sent to patients. Eligible providers need only send to one patient to meet the measure for 2016. Historical messages sent are not counted. Centricity Patient Portal, a.k.a. Secure Messaging Patient Portal (SMPP, Surescripts Portal) v7.0.6 is required for this measure and will be available before the end of 2016.
- Data mapping support for multiple reporting periods You can now view code mappings from clinical data to coded values used in quality measures for a specified reporting period. On the eMeasures Explorer tab under eMeasures, you can select your Reporting Year (2015, 2016, and 2017 for current year 2016) to see measures and value sets and configure mapped values for that reporting period. Default is the current year. After May 2016, 2015 value sets will not be included in Knowledgebase updates. In 2016 Q4, 2017 value sets will also be included in updates. When you select Reporting Year 2015 on the eMeasures Explorer tab, you will not see



2015 measures and value sets. You will see any custom mappings you have created with 2015 values

- Map an observation term and fixed value to concept code Some measures require result codes (positive, negative) in addition to the concept code. You can now map an observation term or observation term and fixed value, to a concept code (such as Hep B Antigen Test) and result code (such as Positive). On the Data Mapping > Data Search tab, when there is at least one value set that can be used as a result code, you can select the code to map from the list available on the Result Code column for the observation. All available values are grouped under the value set name. The next time a CCDA is sent, it reflects any data resulting from that mapping. This change helps keep CQR information up-to-date without requiring services intervention to correct mappings. Patients affected by changed mappings are automatically sent to CQR. See next section. F1460
- Data mapping changes now exported automatically Patient data changed when data mappings are modified is now sent automatically to CQR. A nightly job that runs on Friday evening at 8 PM (MU_NightlyDataFixes-) included in this update helps ensure new and changed data mappings can be pushed to CQR (as scheduled) for current and historical reporting. The first time the job is run, it will identify every patient seen in 2016 with observations in the past 5 years. Any patients with observations where data mappings were changed since Jan 1, 2016, are resent to CQR via the quality measure subscription the next time it is scheduled to run. A date value for lastRunDate is stored in the SYMBOL table. Whenever the job runs, this date is compared to the LastModified date in the CQM_MAP table, so only the latest changed data for patients is sent. SPR 66467
- SOP code changes automatically sent to CQR Patient data changed when SOP codes are added or changed for a patient's insurance carrier is now sent to CQR automatically. A nightly script that runs on Friday evening at 8 PM (MU_NightlyDataFixes-) checks for new and changed SOP codes to be pushed to CQR (as scheduled). The first time the script runs, for every patient who was seen this year with observations in the past 5 years, any changes/additions to SOP codes since Jan 1, 2016, are resent to CQR via the quality measure subscription the next time it is scheduled to process. A date value for InsSOP_db_Updated_Date is stored in the INSURANCECARRIERS table. Whenever the script runs, this date is checked, so only the latest changed data for patients is sent. SPR 67634
- Removed mappings are inactivated, not deleted Now when you select a mapped observation on the Data Mappings > Data Search tab and click Remove, the mapping remains in the CQM_MAP table but is set to Inactive. It no longer displays in search results or produces output in a CCDA that includes data managed by the CQM_MAP table. If you choose to add the same mapping later, the inactive mapping is reactivated. The next time a CCDA is sent, it reflects any data resulting from that mapping. This change helps keep CQR information up-to-date without requiring services intervention to correct mappings. F1991
- Change subscription initial date in JMX console A reset Subscription function is now available under CEMMonitoring in the JMX Console, which effectively deletes a subscription and recreates it and does not require a JBoss restart. This method can be used when the subscription initialDate must be changed and data resent for Clinical Quality Measures and Functional Measures Reporting. This is a more efficient method than deleting and reimporting



the subscription in Administration. Parameter p1 (subscription name) must contain the name of the CQR subscription to be reset: either Clinical Quality Measures Reporting or Meaningful Use Functional Measures Reporting. Parameter p2 (initialDate) specifies the date from which data is to be re-exported. If initialDate is not specified, it defaults to the value set when the subscription was created. Resending to CQR begins at the start time configured in the current subscription. The date must be in the format of YYYY-MM-DD. SPR 62360 SPR 57037 See details in release notes.

Fixes

- Modified order end date calculations for more accurate CQM reporting
- Correct completed orders set as Transition of Care in error Click Change for a Completed order and then check or uncheck Create Transition of Care to correct orders accidentally checked as Transition of Care. This can happen, for example, when an external provider is replaced with an internal provider for a referral. SPR 67812
- Increased time allowed for JSON extract prevents data omission to CQR
- After merging patients, new patient's data is used in measures
- Reduced CCDA ingestion failure

Service Pack 13 Webinar [Slides & Recording](#)

See Service Pack 13 Release Notes for Full Details: <https://engage.gehealthcare.com/docs/DOC-245335>



Practice Management Only Highlights

- CPS 12 Release:
 - New User Interface Look N Feel with Microsoft-style ribbon and left hand menu navigation
- Service Pack 3:
 - Problem search in custom lists and quick search now includes results where the term is contained as a word anywhere in the description as long as it is a word by itself and not a suffix. For example, a search for “pain” will return results for head pain, stomach pain, hip pain, etc. It will not return results where “pain” is not a separate word such as “hippain”. SPR 59266
- Service Pack 4:
 - Race information for “White” and “Native Hawaiian or Other Pacific Islander” were being removed from the database when upgrading to Centricity Practice Solution 12. SPR 60190
 - Upgrading to Centricity Practice Solution 12 was causing Foreign Key constraint errors. SPR 60212
 -
- Service Pack 5:
 - The installer no longer fails with the error “Foreign Key Constraint ‘FK_PatientRace_PID’”. SPR 60034
 - Opening multiple list views no longer causes application crashes due to “out of memory” errors. SPR 60331
 - The client installer now correctly places registry values in the correct registry for 64-bit operating systems. SPR 60459
 - Fixed an issue where payment entry gave an error and caused an application crash. SPR 60446
- Service Pack 6:
 - Various stability fixes. SPR 60217, SPR 60263, SPR 60552, SPR 60598
 - When generating a statement for a patient who has a balance under two companies, statements are generated for both companies. SPR 60568
 - Fixed an issue where multiple instances of the same patient visit would crash the application when the visit is saved. SPR 60608
 - Now able to generate an on Demand Statement for an account that has a credit balance. SPR 60637
- Service Pack 7
 - Performance & Reliability Updates
- Service Pack 8
 - Fixes for problem search:
 - Results now include descriptions with special characters. SPR 62434/54197
 - The quick search function now displays up to 10 results. SPR 62446
 - The smart search filter now returns results if the keyword(s) phrase is longer than 15 characters. SPR 62435/52881



- ICD search now includes full synonym search capability. The next ICD and CPT updates after January 2015 must be installed. SPR 62455/54247
- Service Pack 9
 - Improved application stability when a network or server error is encountered. SPR 62694/SPR 61410
 - Fixed an issue where patients were randomly left off a statement run when batching them from Reports > File > Statements. SPR 62849/SPR 61659
- Service Pack 10
 - Multiple updates for ICD-10, see service pack 10 release notes and ICD-10 community for details
 - Build and manage Task queues with Diagnoses as a criteria In Task Management > Queue Administration > Build Queues, the Queue Criteria pane allows users to search for and add one or more diagnoses to associate with the visit using the Find Diagnosis window. The application also alerts you when you have entered an invalid code.
 - Interoperability - MIK can determine the correct ICD code when duplicate code names exist in ICD 9 and ICD 10. When problem codes are received from an external system without a coding system name value, sometimes a unique match cannot be found based on the code value alone if the code value exists in both ICD9 and ICD10 code databases. When this happens, MIK sends “???” for the code to the Notes tab and notes that “MIK import found multiple codes matching the diagnosis”. To prevent these unmatched codes, MIK now matches using both the code value and the code system name. The coding system database to search is set to ICD9 by default in MIK Destination setup. Important. When your organization implements ICD10, change this setting to ICD10. SPR 63443
 - Automated server configuration utility The Server Configurator calculates, installs and deploys the recommended JBoss and Service Layer configuration for your site. You can add/remove servers to meet the recommended configuration, validate, and then automatically install JBoss to support the selected configuration. The Apply Updates, Install JBoss, Install Service Layer, Install Website, and Change App Logon buttons have been removed from Server Setup. You must use Server Configurator for these tasks. Server Configurator is launched after you have installed or updated your database with Server Setup. The Server Configurator button is located on the main Server Setup menu. Press F1 after launching Server Configurator to access the online help. See Release Notes for more details.
 - Performance and stability enhancements. SPR 61049, SPR 61385, SPR 61797, SPR 61923, SPR 63166, SPR 63333, SPR 63349, SPR 63374, SPR 63412, SPR 63434, SPR 63438, SPR 63441, SPR 63466, SPR 63470, SPR 63474, SPR 63572, SPR 63655, SPR 63816, SPR 63696
 - Addresses various login issues. SPR 60959, SPR 60996, SPR 61011, SPR 61026, SPR 61027, SPR 61028, SPR 61044
 - Addresses an issue where bulk retrieving charges procedure codes were randomly duplicated multiple times for each charge on the visit. SPR 62595
 - Addresses an issue where the scrollbar suddenly jumps to the top of the window during a refresh. SPR 62933



- Diagnosis codes are now saved correctly to the visit. SPR 62977
- Quick and full problem search results that are an exact match for text entered now appear at the top of the list of returned results. SPR 63967
- Corrected some keywords data content for problem search with incorrect associations. SPR 63808
- Advanced Specificity Problem Search attribute filtering now functioning properly and returning all appropriate codes. Previously, clinical concepts that require a circumstance code in addition to a primary diagnosis could not be refined to select the circumstance code. SPR 64002
- Addresses performance and stability issues occurring at sites running more than 3 website/JBoss deployments. Now on Server Configurator you can choose configuration settings options for 2-4 or 5-8 web site deployments. See "ICD-10 planning and preparation resources on the Service Portal" on page 10. SPR 63974
- Service Pack 11
 - Cloud-based Advanced Specificity Problem Search Available Cloud-based Advanced Specificity Problem Search previously in limited availability for testing in SP10 is now available for all customers. In this release, search methods are enhanced to improve the specificity of results returned. When this feature is enabled in Administration (in Advanced Features), all providers (enterprise-wide) using Full Reference Search in Chart or users searching in Billing and Case Management will access the latest HLI ICD-9 and ICD-10 code data
 - Server Configurator enhancements Server Configurator was initially released with Service Pack 10, and is used for JBoss and Service Layer installation. Refer to "Automated server configuration utility" on page 54 for an overview. For detailed instructions, click F1 on the Configurator to access online help.
 - To reduce possible delays and avoid installing unnecessary software on the client, Server Configurator now checks for enabled admin shares and requires 10 GB free space at the time the installer selects the drive to install JBOSS to. Previously, it expected all drives to have admin shares enabled and created GE Deployment directories on all drives when the Validate & Add button was clicked. SPR 64143
 - Server Configurator now alerts you if Windows Power Shell Execution Policy prevents Server Configurator from installing the Service Layer. When an execution policy is set to All Signed or Restricted, locate the group policy that has this setting enabled and resolve it. For additional details, click F1 for Server Configurator online help. SPR 64236
 - New options are available for calculating and deploying multiple websites for both full systems and systems licensed for Centricity PM only.
 - Preferences - Administrator-set Schedule preferences for individual users now persist in the Administrator's view after making changes for a user and logging out. Previously, Administrator's changes were saved and visible to the user but not for the Administrator. SPR 53757
 - Problem Search



- Quick Search using Smart List no longer displays problems marked as Inactive (non-billable). SPR 64471
 - Advanced Specificity Search has been modified to return precisely the result a user selects from the Advanced Specificity Problem Search window. SPR 64113
 - Advanced Specificity Problem Search - Client no longer crashes when Advanced Specificity Search is enabled and user adds certain ICD-10 codes to the patient chart. SPR 64553
 - A user without appropriate permission is not prevented from using Batch Closing Override. SPR 60778
 - Source Of Payments list on Insurance Carrier Information tab now displays the SOP Code before the Description to facilitate updates required for PQRS reporting. Previously only the Description displayed. SPR 64108
 - Superbill report no longer prints ICD-10 code as ICD-9 code. SPR 62314
 - Problem Custom Lists now permit users to edit the ICD-10 code field. See "Edit mapped ICD-10 code for a problem custom list" on page 9. SPR 63941
 - Find Problem workflow for some billable codes no longer returns an ICD-10 diagnosis SNOMED code link that is a duplicate of the ICD-10 code when the SNOMED code should be null. SPR 64272
- Service Pack 12
 - New Active Reports to Activate/Inactivate Codes by Effective and Expiration Date New ICD/CPT codes are often dispersed in advance of becoming effective with a future effective date. Two new reports in the Reports > Administrative folder can be used to set to inactive codes that are not yet effective and to set codes to active when the effective date is met:
 - Inactivate Diagnosis Codes by Date report - This report finds diagnosis codes where your Input Date is earlier than Effective Date or after or the same as the code's Expiration Date. An optional update query will inactivate all codes returned to prevent them from appearing in problem search results in the Chart module. If you perform optional inactivation, you must wait 15-20 minutes for problem search SOLR index files to be fully updated before expecting inactivated codes to disappear from problem search results.
 - Activate Diagnosis Codes by Effective Date report - Use this report to find diagnosis codes where the Input Date you specify is earlier than code Effective Date. An optional update query will activate all codes returned to make them available to display in problem search results in the Chart module. If you perform optional activation, you must wait 15-20 minutes for problem search SOLR index files to be fully updated before using problem search to retrieve newly activated codes.
 - Fixed an issue where problem and procedure codes were duplicated in billing. SPR 64699
 - Fixed an issue when using Real Time Eligibility in Registration, a warning about "EDI Tracking Enabled" appears across the title of Chart. SPR 58161



- Addressed an issue where, if a CPS database is licensed only for PM and not Chart, the Patient Merge HL7 ADT^A18 message fails to be sent. Previously, an error appeared in the MIK Event Log: "Send done, status=MIK_ERROR, msg = Cannot find any information about patientId mapping for the destination LinkLogic." SPR 63825
- Performance and stability enhancements. SPR 64310, SPR 64114, SPR 64152, SPR 64744, SPR 64818, SPR 65495, SPR 61023, SPR 65758
- Updated Configurator to better handle setting up smaller systems. SPR 66153
- This patch includes performance enhancements that optimize the core stored procedure (processworkstalog) used when refreshing. SPR 66369
- Schedule limits now honored in the Appointment Search with new override options. If you define daily limits for the day for Appointment Types or Financial Class Limits in the schedule template for a provider and then search for that type of appointment, only available slots in days where the daily limit has not been met will display. Previously, all available slots displayed and you had to select a slot to find out if that day's limit had been met. With proper security, users may override template restrictions on daily limits by selecting one of the following options on the appointment search window. These options are useful when no results are returned for a schedule that contains limits and a user needs to override the limit restriction: 1. Override search results to return dates where Appointment Type limits have been met 2. Override search results to return dates where Financial Class limits have been met SPR 64294
- Service Pack 13
 - None