

**Event Capture System (ECS)
Graphical User Interface**

Release Notes

***Software Version 2.0
Patch EC*2.0*131***



**May 2016
Document Version 1.0**

Revision History

Date	Version	Description	Author
05/20/2016	v1.0	Initial Document Release	TeamSMS/LMCO

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1 Introduction

The Event Capture System (ECS) Annual Sustainment (AS) project is a sustainment effort to keep the ECS application current with annual changes to the Department of Veterans Affairs (VA) enterprise-wide software applications. The changes include new or altered clinical and business practices, organizational changes, program reporting requirements changes, and other trends that impose new demands on the VA Managerial Cost Accounting (MCA) system.

ECS is a Veterans Health Information Systems and Technology Architecture (VistA) Class I workload reporting system managed by the Managerial Cost Accounting Office (MCAO).

1.1 Document Overview

This Release Notes document outlines the changes made during the sustainment effort for this fiscal year (FY16) to the ECS application for patch release EC*2.0*131.

2 Design Enhancements

The modifications shown in this section improved the overall design look-and-feel and Graphical User Interface (GUI) functionality.

2.1 Screen Resolution Changes

The ECS application was modified to enable users to change the GUI screen resolution without losing displayed information or functionality.

2.2 Font Size Changes

The ECS application was modified to enable users to apply Windows accessibility font size changes without losing displayed information or functionality.

2.3 Grid Reformatting

The ECS application was modified to reformat the screen grid displays when a user resizes the columns.

2.4 User Acknowledgement to Run Event Capture Encounters Report

The ECS application was modified to force the user to acknowledge warnings prior to running the Event Capture (EC) Encounters Report when parameters selected might require excessive run times..

2.5 Spreadsheet Version Supported for Upload

The ECS application was modified to support spreadsheet uploads of data produced in the VA's currently accepted and deployed versions of Microsoft Excel. This includes legacy (.XLS) and current (.XLSX) formats.

2.6 Clarify Encounter-Related Questions

The ECS application was modified to enhance how encounter-related questions are displayed on the EC data entry screens. The update improves the ability to discern whether they are enabled or disabled, and optimizes how related questions are grouped.

2.7 Header for Service-Connected Questions

The ECS application was modified to include the header "Encounter Related" for service-connected information on the data entry screens to indicate the information is encounter-related. A box was placed around the questions to group them together.

2.8 Restore Minimized Screen when Launched from CPRS

The ECS application was modified to restore the display size, after minimization, when launched from the Computerized Patient Record System (CPRS).

2.9 Associated Clinic Field Scrolling

The ECS application was modified to enable users to scroll through all Associated Clinics in all data entry options when a Default Associated Clinic is used.

2.10 ICD-10 Field Description Width

The ECS application was modified to enable users to view the entire International Classification of Diseases, Tenth Revision (ICD-10) code description prior to selecting the code for data entry.

3 PCE Workload Support

The modifications shown in this section apply to the Patient Care Encounter (PCE) workload.

3.1 Active Valid Stop Codes for DSS Units Not Sending to PCE

The ECS application was modified to require active valid Stop Codes for DSS Units that are configured to “Send No Records to PCE”. These include:

- Upon installation, inactivating any DSS Unit that is set to “Send No Records to PCE” that does not have an active, valid Primary Stop Code.
- Generating a report upon installation listing all DSS Units that were inactivated.
- Emailing the report of DSS Units that were inactivated to holders of the Event Capture Manager (ECMGR) key and patch installers.
- Enabling the holders of the ECMGR key to reactivate DSS Units by adding an active, valid Associated Stop Code.

3.2 Report of DSS Units Not Sending to PCE

The ECS application was modified so that users with the ECMGR key can produce printed and export version reports of DSS Units configured to “Send No Records to PCE”. The report contains the following information for each DSS Unit:

- DSS Unit Name
- DSS Unit Internal Entry Number (IEN)
- Associated Stop Code
- Credit Stop (if present)
- CHAR4 Code (if present)

3.3 Disable Recent Visits Pop Up

The ECS application was modified to prevent users from associating recent visit workload information to DSS Units that are configured to “Send No Records to PCE”.

3.4 Remove Default Associated Clinic

The ECS application was modified to remove Default Associated Clinic information from the Event Code Screen when the “Send to PCE” status of the DSS Unit is reconfigured from “All Records” to “No Records”.

3.5 Prevent Selection of Associated Clinic

The ECS application was modified to prevent the user from selecting “Default Associated Clinics” for Event Code Screens in DSS Units that are configured to “Send No Records to PCE”.

3.6 Prevent Configuring DSS Units to Outpatient Only

The ECS application was modified to prevent users from configuring the DSS Unit's "Send to PCE" status to "Outpatient Only" when setting up DSS Units. For existing DSS Units with "Send to PCE" status set to "Outpatient Only", the ECS application was modified to change the status to "All Records".

3.7 Report of DSS Units Reconfigured to Status Send All Records

The ECS application was modified to produce a report, upon patch installation, identifying the DSS Units that were configured with the "Send to PCE" status of "Outpatient Only" and have been changed to the "All Records" status. The report contains the DSS Unit Name and DSS Unit IEN and the application emails the report to holders of the ECMGR key and patch installers.

4 Category Disabling Support

The modifications shown in this section apply to Category disabling.

4.1 Disable Categories for DSS Units

The ECS application was modified to enable users to configure DSS Units to “Disable” using associated category information when editing the DSS Unit on the DSS Unit Setup screen. In addition:

- Category information for the DSS Unit was removed from all Event Code Screens.
- Category information associated with the DSS Unit being disabled is retained.
- When changing “Allow Category Use” from “Yes” to “No”, the user receives a warning indicating the action cannot be undone. The user is prompted to acknowledge the warning.
- Once the DSS Unit has “Allow Category Use” changed from “Yes” to “No” and the category information has been removed from the Event Code screens, the previously entered workload remains available for viewing and editing.

4.2 Include DSS Unit IEN in the Print Category and Procedure Summary Report

The ECS application was modified to include the DSS Unit IEN in the Print Category and Procedure Summary report.

4.3 New Report Listing Units that Have Changed from Allowed to Disallowed

The ECS application was modified to enable holders of the ECMGR key to create a report listing all DSS Units that have category support disabled. The report contains the following information for each DSS Unit:

- DSS Unit IEN
- DSS Unit Name
- Location
- Event Code Screen
- Default Associated Clinic Name (if present)

5 Spreadsheet Upload

The modifications shown in this section apply to the Spreadsheet Upload functionality.

5.1 Data to Upload

The ECS application was modified to capture the following information when uploading spreadsheet information:

- The names or IENs of multiple Providers
- Multiple Current Procedural Terminology (CPT) modifiers (when the DSS Unit status is set to “Send to PCE”)
- Service-Connected questions
- Associated Clinic (IEN or Name)

5.2 State Home Data

The ECS application was modified to enable the MCA site team and State Home staff to upload the State Home spreadsheet without manually creating a separate Event Capture spreadsheet.

5.3 Upload Records for Inpatients without Filtering

The ECS application was modified to upload inpatient records without filtering the records or requiring additional steps.

5.4 Upload Records for Inpatients without Intervention

The ECS application was modified to upload inpatient records without user intervention or notifications.

5.5 Spreadsheet Identifying SC Questions Needing Answers before Upload

The ECS application was modified to produce an Excel spreadsheet, identifying the service-connected questions that must be answered before the data can be uploaded.

5.6 Edit SC Questions Prior to Upload

The ECS application was modified to enable spreadsheet users to edit service-connected questions during the spreadsheet upload.

5.7 Add Ability to Enter State Home Data on Upload

The ECS application was modified to enable the MCA site team and State Home staff to enter the following information, which is not included on the State Home spreadsheets, when uploading:

- Type of facility (State Home, Domiciliary, Adult Day Health Care (ADHC))
- Location

- DSS Unit
- Date
- One or more Providers

6 Auditing Improvements

The modifications shown in this section apply to the Auditing Improvements.

6.1 Included Data for Patient Summary Report

The ECS application was modified to provide the following information in the print and export versions of the Patient Summary Report:

- DSS Unit Number
- DSS Unit Name

7 Procedure Reason Support

This section summarizes the change made to the Chaplain Procedure Reason list.

7.1 New Chaplain Procedure Reason

The ECS application was modified to add "CHAP COUPLES COUNSELING" to the Chaplain Procedure Reason list.

Appendix A Acronyms

Acronym	Description
ADHC	Adult Day Health Care
AS	Annual Sustainment
CPRS	Computerized Patient Record System
CPT	Current Procedural Terminology
DSS	Decision Support System
EC	Event Capture
ECS	Event Capture System
ECMGR	Event Capture Manager
FY	Fiscal Year
GUI	Graphical User Interface
ICD-10	International Classification of Diseases, Tenth Revision
IEN	Internal Entry Number
MCA	Managerial Cost Accounting
MCAO	Managerial Cost Accounting Office
PCE	Patient Care Encounter
VA	Department of Veterans Affairs
VistA	Veterans Health Information Systems and Technology Architecture