

# **Emergency Department Integrated Software (EDIS)**

## **Deployment, Installation, Back-Out, and Rollback Guide**



**EDP\*2.0\*22**

**EDIS GUI Version 2.2.44**

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**Department of Veterans Affairs (VA)**

**Office of Information and Technology (OIT)**

## Revision History

Date	Version	Description	Author
07/25/2022	1.0	EDP*2.0*22 (informational): Graphical user interface (GUI) only release to deploy the EDIS GUI version 2.2.44 so that Patient Demographic phone numbers are read-only	Liberty ITS

## Artifact Rationale

This document describes the Deployment, Installation, Back-out, and Rollback Guide for new products going into the VA Enterprise. The plan includes information about system support, issue tracking, escalation processes, and roles and responsibilities involved in all those activities. Its purpose is to provide clients, stakeholders, and support personnel with a smooth transition to the new product or software, and should be structured appropriately, to reflect particulars of these procedures at a single or at multiple locations.

Per the Veteran-focused Integrated Process (VIP) Guide, the *Deployment, Installation, Back-out, and Rollback Guide* is required to be completed prior to Critical Decision Point #2 (CD #2), with the expectation that it will be updated throughout the lifecycle of the project for each build, as needed.

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# 1 Introduction

EDP\*2.0\*22 is an informational patch for the deployment of EDIS GUI version 2.2.44 (EDIS 2.2.44). This document will highlight the deployment and back-out procedures performed by the Infrastructure Operations (IO) team.

## 1.1 Purpose

Deployment of EDIS 2.2.44 will update the Patient Demographic phone numbers to read-only.

## 1.2 Dependencies

Not applicable for EDP\*2.0\*22.

## 1.3 Constraints

Not applicable for EDP\*2.0\*22.

## 2 Roles and Responsibilities

Application Coordinators approve deployment from an OIT perspective. If an issue with the software arises, then a discussion concerning the authority for initiating a back-out decision will commence. The following table provides EDP\*2.0\*22 information.

**Table 1: Deployment, Installation, Back-out, and Rollback Roles and Responsibilities**

<b>Team</b>	<b>Phase / Role</b>	<b>Tasks</b>
OIT EDIS Sustainment	Deployment	Provide EDIS 2.2.44 ear files to AITC for deployment
IO	Deployment	Deploy EDIS 2.2.44 ear files
IO	Back-out	Upon receiving authority for back-out, replace EDIS 2.2.44 ear files with the previous EDIS 2.2.42 ear files
IO OIT EDIS Sustainment	Post Deployment	Hardware, Software and System Support

### 3 Deployment

Server promotion deployment of EDIS 2.2.44 by IO after EDP\*2.0\*22 national release approval.

#### 3.1 Timeline

EDIS 2.2.44 will occur, at the same time for all sites, as a result of the deployment upon approval for national release.

#### 3.2 Site Readiness Assessment

All sites will receive EDIS 2.2.44 as a result of the deployment.

##### 3.2.1 Deployment Topology (Targeted Architecture)

The nationally deployed EDIS Uniform Resource Locator (URL) will be updated to EDIS 2.2.44. That will include local sites as well as regional data processing centers.

##### 3.2.2 Site Information (Locations, Deployment Recipients)

The first deployment will be to initial operating capability (IOC) sites for verification of functionality.

The Production IOC testing sites are:

- VA Greater Los Angeles HCS (West Los Angeles, CA)
- Clement J. Zablocki VAMC (Milwaukee, WI)

##### 3.2.3 Site Preparation

A fully patched VistA system is the only requirement. The following table describes preparation required by the site prior to deployment.

Table 2: Site Preparation

Site/Other	Problem/Change Needed	Features to Adapt/Modify to New Product	Actions/Steps	Owner
N/A				

#### 3.3 Resources

Not applicable for EDP\*2.0\*22.

##### 3.3.1 Facility Specifics

The following table lists facility-specific features required for deployment.

**Table 3: Facility-Specific Features**

Site	Space/Room	Features Needed	Other
N/A			

### 3.3.2 Hardware

The following table describes hardware specifications required at each site prior to deployment.

**Table 4: Hardware Specifications**

Required Hardware	Model	Version	Configuration	Manufacturer	Other
N/A					

Refer to **Table 1** for details about who is responsible for preparing the site to meet these hardware specifications.

### 3.3.3 Software

The following table describes software specifications required at each site prior to deployment.

**Table 5: Software Specifications**

Required Software	Make	Version	Configuration	Manufacturer	Other
N/A					

Refer to **Table 1** to for details about who is responsible for preparing the site to meet these software specifications.

### 3.3.4 Communications

EDP\*2.0\*22 will be deployed using the standard method of patch release from the National Patch Module. When EDP\*2.0\*22 is released, the National Patch Module will send a notification to all the personnel who have subscribed to those notifications.

#### 3.3.4.1 Deployment/Installation/Back-Out Checklist

EDIS 2.2.44 is Nationally deployed to all sites by updating the existing EDIS URL.

**Table 6: Deployment/Installation/Back-Out Checklist**

Activity	Day	Time	Individual who completed task
Deployment			
Installation			
Back-out			



## 4 Installation

### 4.1 Pre-installation and System Requirements

OIT EDIS Sustainment team to deliver the new ear files to the IO team.

- EDIS\_EAR\_MAIN\_2\_2\_44.ear
- EDIS\_EAR\_BIGBOARD\_2\_2\_44.ear

### 4.2 Platform Installation and Preparation

Not applicable for EDP\*2.0\*22.

### 4.3 Download and Extract Files

The following documents and files can be obtained from the SOFTWARE library:

REDACTED/SOFTWARE

**Table 7: Associated Patch Files**

File	Description
EDIS_2_2_UG.docx EDIS_2_2_UG.pdf	User Guide
EDP_2_2_P22_DIBR.docx EDP_2_2_P22_DIBR.pdf	Deployment, Installation, Back-out, and Rollback Guide

Redacted versions are also available on the VA Software Document Library (VDL):

<https://www.va.gov/vdl/application.asp?appid=179>

### 4.4 Database Creation

Not applicable for EDP\*2.0\*22.

### 4.5 Installation Scripts

Not applicable for EDP\*2.0\*22.

### 4.6 Cron Scripts

Not applicable for EDP\*2.0\*22.

## 4.7 Access Requirements and Skills Needed for the Installation

EDIS 2.2.44 deployment requires an IO system administrator.

## 4.8 Installation Procedure

### 4.8.1 Ear File Deployment

1. IO team backups the previous ear files.
  - a. **EDIS\_EAR\_MAIN\_2\_2\_42.ear**
  - b. **EDIS\_EAR\_BIGBOARD\_2\_2\_42.ear**
2. IO team removes the previous ear files.
3. IO team deploys the new ear files.
  - a. **EDIS\_EAR\_MAIN\_2\_2\_44.ear**
  - b. **EDIS\_EAR\_BIGBOARD\_2\_2\_44.ear**

### 4.8.2 KIDS Installation

Not applicable for EDP\*2.0\*22.

## 4.9 Installation Verification Procedure

### 4.9.1 Ear File Verification

The bottom right corner of the application login page from the EDIS URL should begin with **Build: 2.2.44**.

### 4.9.2 KIDS Verification

Not applicable for EDP\*2.0\*22.

**Table 8: Routines**

<b>Routine</b>	<b>Before Checksum</b>	<b>After Checksum</b>	<b>Patch List</b>
N/A			

## 4.10 System Configuration

Not applicable for EDP\*2.0\*22.

## **4.11 Database Tuning**

Not applicable for EDP\*2.0\*22.

# **5 Back-Out Procedure**

## **5.1 Back-Out Strategy**

The only reason to consider a back-out of EDP\*2.0\*22 is in the event of a catastrophic failure. The back-out plan is to restore the previous EDIS 2.2.42 ear files.

## **5.2 Back-Out Considerations**

### **5.2.1 Load Testing**

No load testing was performed for EDP\*2.0\*22. This was a maintenance release to correct a defect; there was no additional functionality included.

### **5.2.2 User Acceptance Testing**

User acceptance testing was conducted by the test sites listed in section 3.2.2. The sites followed the EDP\*2.0\*22 provided test plan/concurrence form and executed the test cases according to the plan. Testing was performed by IT analysts, at each site, familiar with using the application.

## **5.3 Back-Out Criteria**

Back-out would only be considered if there was a catastrophic failure that causes loss of function for the application or a significant patient impact issue.

## **5.4 Back-Out Risks**

Backing out EDP\*2.0\*22 would result in the re-instatement of Patient Demographic phone numbers being editable as opposed to read-only.

## **5.5 Authority for Back-Out**

Emergency Medicine Program Office and Health Services Portfolio have the authority to back-out EDP\*2.0\*22.

## **5.6 Back-Out Procedure**

### **5.6.1 Ear File Backout**

1. IO team removes the new ear files.
  - a. **EDIS\_EAR\_MAIN\_2\_2\_44.ear**
  - b. **EDIS\_EAR\_BIGBOARD\_2\_2\_44.ear**
2. IO team deploys the previous ear files.
  - a. **EDIS\_EAR\_MAIN\_2\_2\_42.ear**
  - b. **EDIS\_EAR\_BIGBOARD\_2\_2\_42.ear**

### **5.6.2 KIDS Back-Out**

Not applicable for EDP\*2.0\*22.

## **5.7 Back-out Verification Procedure**

### **5.7.1 Ear File Back-out Verification**

The bottom right corner of the application login page from the EDIS URL should begin with **Build: 2.2.42.**

### **5.7.2 KIDS Back-out Verification**

Not applicable for EDP\*2.0\*22.

## **6 Rollback Procedure**

Not applicable for EDP\*2.0\*22.

### **6.1 Rollback Considerations**

Not applicable for EDP\*2.0\*22.

### **6.2 Rollback Criteria**

Not applicable for EDP\*2.0\*22.

### **6.3 Rollback Risks**

Not applicable for EDP\*2.0\*22.

### **6.4 Authority for Rollback**

Not applicable for EDP\*2.0\*22.

### **6.5 Rollback Procedure**

Not applicable for EDP\*2.0\*22.

### **6.6 Rollback Verification Procedure**

Not applicable for EDP\*2.0\*22.