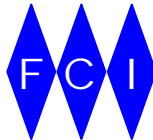


# *ESP-Dorado*

ESP-Dorado 3R1  
Release Announcement

May 2020

Formula Consultants Inc.  
222 S. Harbor Blvd.  
Anaheim, CA 92805



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The System for Tape Administration and Reporting, STAR-1100, is a proprietary product of Formula Consultants Incorporated. STAR-1100 satisfies the magnetic tape library management requirements of, and is licensed for use on, computer centers using Unisys OS 2200.

Direct your comments or requests to:

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Software Version: 3R1

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# General

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Formula Consultants Incorporated announces that Level 3R1 of ESP-Dorado is now available for general distribution.

ESP-Dorado is Formula Consultants' comprehensive presentation, analysis and discovery tool for OS 2200 files and tapes.

Level 3R1 is a new feature release. It also implements stability updates.

To see a complete list of the foundational features of the product, see the *ESP-Dorado 2R4 Release Announcement*.

# Product Overview

---

ESP-Dorado provides metadata, content, and statistical information for disk and tape files in your OS 2200 enterprise. A server function collects file and tape metadata from OS 2200 and maintains it on a separate database. Source contents are also gathered for appropriate file elements and, by option, certain tapes. Authorized users log into a client component to browse and search the ESP-Dorado database.

Users can start from a comprehensive dashboard with rich and varied graphical presentations of statistics and metadata about files and tapes. Analysts have numerous paths to obtain more detailed views of the metadata and data: drilling down within graphical displays, filtering lists of tapes and files, and using a system-wide search feature. Authorized users can also display source data from symbolic elements, where available.

Managers, analysts and administrators now have a comprehensive tool for understanding their OS 2200 file environment. ESP-Dorado provides rich and powerful views, ranging from the "big picture" all the way down to source contents.

With ESP's visual navigation and a convenient interface, users with little or no knowledge of OS 2200 concepts and utilities can be highly productive.

# System Overview

ESP-Dorado consists of three major components:

- **Collection tools** running on your OS 2200 system. The collected metadata and symbolic data is passed to the ESP Server.
- An **ESP Server** which stores the metadata and data in a database.
- An **ESP Client** runs on a Windows workstation. It accesses file and tape metadata and data from the ESP Database, and displays it in diverse graphical and text formats.

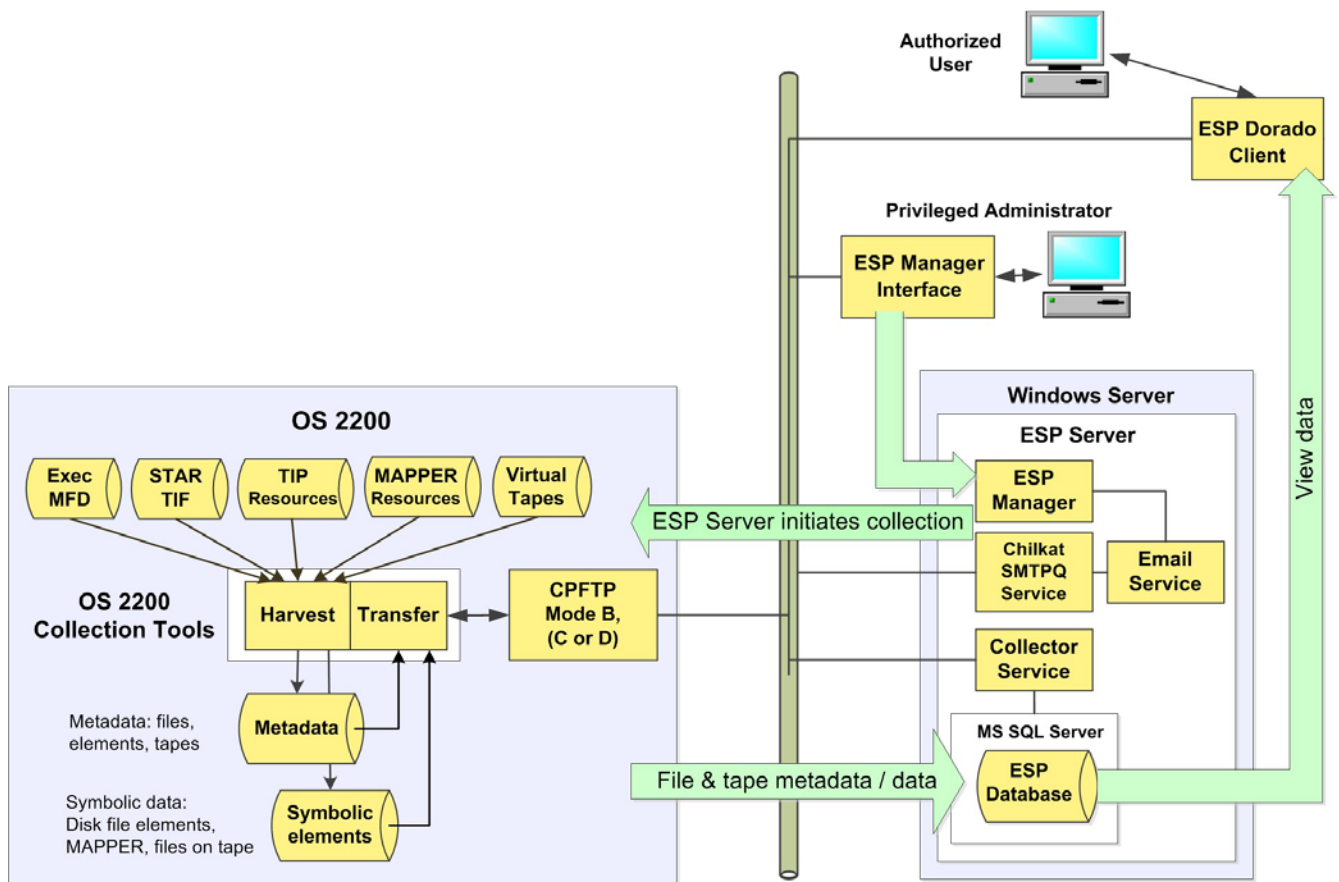


Figure 1. ESP-Dorado Overview

For additional technical details about the ESP collection tools and the ESP Server, see *ESP-Dorado 3R1 Administrator Guide*.

# Release Description

---

## Feature Release

### TIP Support

ESP-Dorado 3R1 is a feature release, implementing support for accessing TIP resources.

ESP 3R1 gives administrators views of TIP files and VALTABs with content equivalent to Unisys utilities—but in modern graphical formats.

ESP 3R1 also enhances TIP administrators' productivity with quick search capabilities for cross-connecting TIP resources with the relevant associated OS 2200 file and element resources.

### Accessing Source Content from Tapes

ESP 3R1 also adds access to source content, which is optionally collected from certain types of tapes.

## New Features by Component

---

### Within the ESP OS 2200 Collection Tools

#### Collect TIP File Metadata

The ESP OS 2200 Collection Tools now gather metadata from TIP files and from their OS 2200 container files.

#### Collect VALTAB Metadata

The ESP OS 2200 Collection Tools now gather metadata from the TIP VALTAB entries.

#### Collect Source Elements from Tapes

ESP-Dorado now offers the option to collect source elements, where they are present, from tape volumes. The ESP Manager has configuration options to include or exclude the collection of source elements from tapes.

### Within the ESP Server Manager Program

#### Basic TIP Support

The server implements services to support the collection of TIP files and TIP VALTAB metadata.

## Contents for TIP Program Files

The ESP server implements additional collection techniques to harvest metadata which can create tables of contents for the following TIP program files: ONLINE, HVTIP, and SUPUR.

## Configuration Choices for Tape Data Collection

The ESP Manager program permits administrators to configure the collection to optionally collect source data from tapes where it is present.

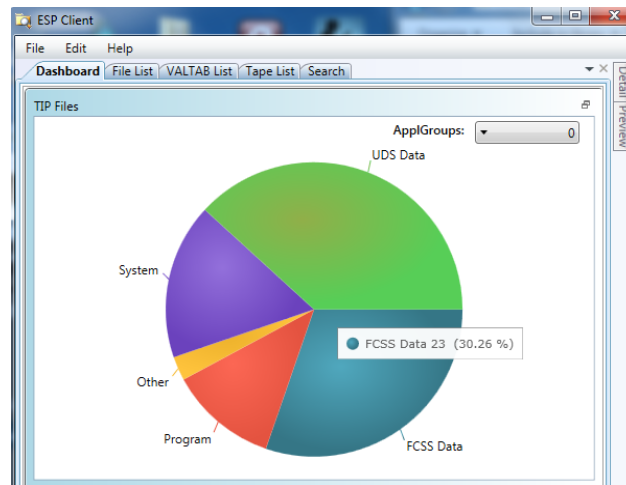
The “tape crawler” previously available in ESP 2R4 provided catalogued file metadata for “stacked files” contained on non-scratched FURPUR generated tapes. This crawler has been enhanced to now import all source content from program files contained on customer specified tape media types.

## Within the ESP Client

### “TIP Files” Tile in the Dashboard

The dashboard tile “TIP Files” is implemented, showing a pie graph of all TIP files. The tile has graphical functions typical of other dashboard tiles.

Clicking through a pie slice generates a TIP LFD list.



*Figure 2. Dashboard Tile “TIP Files”*

### TIP File LFD

Users display a TIP File LFD list by clicking through a pie slice in the dashboard tile “TIP Files.”

The content of each row in the list is equivalent to the data presented in an LFD report generated by the utility processor @FREIPS. The list has interactive functions similar to other ESP lists.



The screenshot shows the 'TIP File LFD' window in the ESP Client. The 'Files In TIP Group: Program' tab is selected. The table below lists the contents of the program files.

TIP	TIP Name	Access Me	UDS Fil	BDI No	Location	Duplex	Recovery	Records	Size	Appl Group	OS File Name1
17	HVTIP	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	8192	28 0		HVTIP
29	DPS1SUPUR	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	65536	28 0		DPS1SUPUR
30	SUPUR	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	65536	28 0		SUPUR
32	ARKDATA-TXNS	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	1937152	28 0		ARKDATA-TXNS
37	KMS-SUPUR	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	65536	28 0		KMS-SUPUR
38	TIP-SUMMIT	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	100	28 0		TIP-SUMMIT
44	SUPER1	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	9600	28 0		SUPER1
53	SUMMIT-TXNS	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	9600	28 0		SUMMIT-TXNS
70	DPS3SUPUR	FCSS	0		LOCAL	SIMPLX	NO AFTERLOOKS, NON-RECOVERAB	65536	28 0		DPS3SUPUR

Figure 3. TIP File LFD

### Table of Contents for Program Files

ESP Client supports the display of contents within all three types of TIP program files: ONLINE, HVTIP and SUPUR.

The screenshot shows the 'TIP File LFD' window with the 'Table of Content' tab selected for the SUPUR program file. The table below lists the contents of the program file.

PGM Name	Element Form	Record Nur	Starting Addre	Pgm Number	Create Date	Area Size	Program Mod
CSCTX1	ZOOM std-load	1742	400004001010	72	96-09-16 1036:43	344 3rd, NA, 64-Gran	
CSCTX3	ZOOM std-load	2086	400004001006	73	96-09-11 1204:33	339 3rd, NA, 64-Gran	
FST	ZOOM std-load	4138	400004024035	165, 166	07-10-19 0835:19	11869 3rd, NA, 64-Gran	
JDH	ABS fast-load	2	151733	124	93-04-12 1611:02	444 Qtr, Unknown, 51	
OTSVEX	ZOOM std-load	3121	400004004550	26	06-05-31 1132:11	1017 3rd, NA, 64-Gran	
RPCINT	ABS std-load	446	024142	210	95-09-14 0858:21	181 Qtr, Setafcm, 512-	
RPCINX	ZOOM std-load	627	400004001106	215	95-09-14 1021:44	722 3rd, NA, 64-Gran	
TSTAR	ZOOM std-load	2425	400004001010	201	92-11-06 1445:54	696 3rd, NA, 64-Gran	
XMGBT	ZOOM std-load	1349	400004001002	152	02-10-10 1006:35	393 3rd, NA, 64-Gran	

Figure 6. Contents for SUPUR Program File

### VALTAB List

The VALTAB list presents all the fields found in a traditional VALTAB listing. The VALTAB list has interactive functions found in other ESP lists.

ESP Client

File Edit Help

Dashboard

File List

VALTAB List

Tape List

Search

Views:

Custom1

Custom2

Custom3

Custom4

Custom5

Custom6

Name

FileType

Default

PGM	Transaction Cc	Program Nam	Runtime	Priority	Program Ty	Program Fil	Copies	Print Device	Level	Status	Options
3	CKCKON	CKCKON	2 A	1	7	1 0	0 M	LRTUVXZ			
4	SYSPT	SYSPT	2 A	1	7	3 0	0 M	LRTUZ			
7	SEPAP1	SEPAP1	60 M	2	2	2 TIPPR	0 JL	LMPZ			
8	FCIMAP	FCIMAP	60 A	1	7	5 0	5 JL	NONE			
9	SEPAP3	SEPAP3	60 M	2	2	2 TIPPR	0 JL	LMPZ			
10	SIGNON	SIGNON	60 A	2	2	2 TIPPR	0 IKLM	LRTZ			
11	SIGNOF	SIGNOF	60 M	2	2	2 TIPPR	0 IKLM	LRTZ			
12	ON	SIGNOF	60 M	2	2	2 TIPPR	0 IKLM	LRTUZ			
13	TEST	TEST	60 M	1	2	1 TIPPR	0 JL	LRTZ			
14	LOGON1	LOGON1	60 A	1	2	2 TIPPR	0 JL	LRTZ			
15	LOGOF1	LOGOF1	60 A	1	2	2 TIPPR	0 JL	LRTZ			
16	TMODE1	TMODE1	60 A	1	2	2 TIPPR	0 JL	LRTZ			

Bookmarks

Tasks

Problems

10.100.0.192 ESP2200

Figure 4. VALTAB List

TIP MAP View within the File List

The TIP MAP function is implemented as a pre-defined view in the File List.

Qualifier	Filename	Cycle	Owner	CLvl	Account	Project	Catalogued	Last Ref	File Type	Granule	Written
REM001 (11 items)											
ACOB	HVTIP	1	GARY	0	0500000	GARY	12/20/2000	06/06/2018	ExclusiveUse	T	33
TIP\$	ROLLBACKFIL3	1	FORMULA	0	0	GARY	04/12/2005	06/06/2018	ExclusiveUse	T	103
TIP\$	ROLLBACKFILE	1	FORMULA	0	0	GARY	04/12/2005	06/06/2018	ExclusiveUse	T	103
TIP\$	TIPSNFILE1	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	125
TIP\$	TIPSNFILE3	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	125
TIP\$	TIPSYSG1LEG1	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	12
TIP\$	TIPSYSG1LEG2	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	12
TIP\$	TIPSYSG2LEG1	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	72
TIP Files											
Exec File	TIP Name	TIP No	UDS Fil	Leg Id	File Adc	Record	Size	Word Coun	Appl Group		
5	FCFDCT	1	0	LEG1	0	500	14	7000	0		
5	VASTAB	4	0	LEG1	7168	4108	28	115024	0		
5	DUMMY1	7	0	LEG1	123648	1	28	28	0		
5	SS\$KON	5	0	LEG1	125440	4800	1	4800	0		
TIP\$	TIPSYSG2LEG2	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	72
TIP\$	TIPSYSG3LEG1	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	26
TIP\$	TIPSYSG3LEG2	1	EXEC8	0	INSTALLATION	SYSS	01/14/2016	06/06/2018	ExclusiveUse	T	26
REM002 (23 items)											
REM003 (8 items)											

Figure 5. TIP MAP List

The TIP MAP function presents a list of all OS 2200 files that contain TIP files, grouped by pack ID.

Metadata about a TIP file is presented in a row with all the data items found in the output of the MAP function within the utility processor @FREIPS.

The TIP MAP is an interactive list with functions similar to other ESP lists.

## Quick Search / Access Productivity Tools

ESP implements specialized functions to enhance administrator productivity in cross-connecting TIP files/VALTABs with EXEC files and elements.

### *From VALTAB Entry to Source Element*

A quick search feature assists administrators in finding the source element associated with a program name in the VALTAB entry. After ESP finds the source element, the user can view and/or edit it.

### *From Source Element to EXEC Program File*

When users have used a quick search function to find the source element from a VALTAB entry, they can use a “GoToFile” function, allowing them to quickly generate a result showing the related EXEC files.

### *Source Viewer Functions*

Several search tools in the source viewer operate on highlighted text strings:

- **Find All** identifies all of the locations where this string occurs in the source element and generates a hit list.
- **Search Source** finds all the symbolic elements containing this string and generates an element list, grouped by qualifier and file name.
- **Search Element** finds all the elements with that name and generates an element list grouped by qualifier.

## Accessing Source Elements Collected from Tape

There are several ways to view source elements within files on tapes.

### *File List Toolbar View Button “Volser”*

The view button “Volser,” in the File List toolbar, displays an element list filtered to show in-use tapes produced by FURPUR, containing catalogued files. The list is grouped by volser and sorted by position on tape. This list presents metadata for all the files contained on this tape. Any element can be displayed as a preview or in an independent pane.

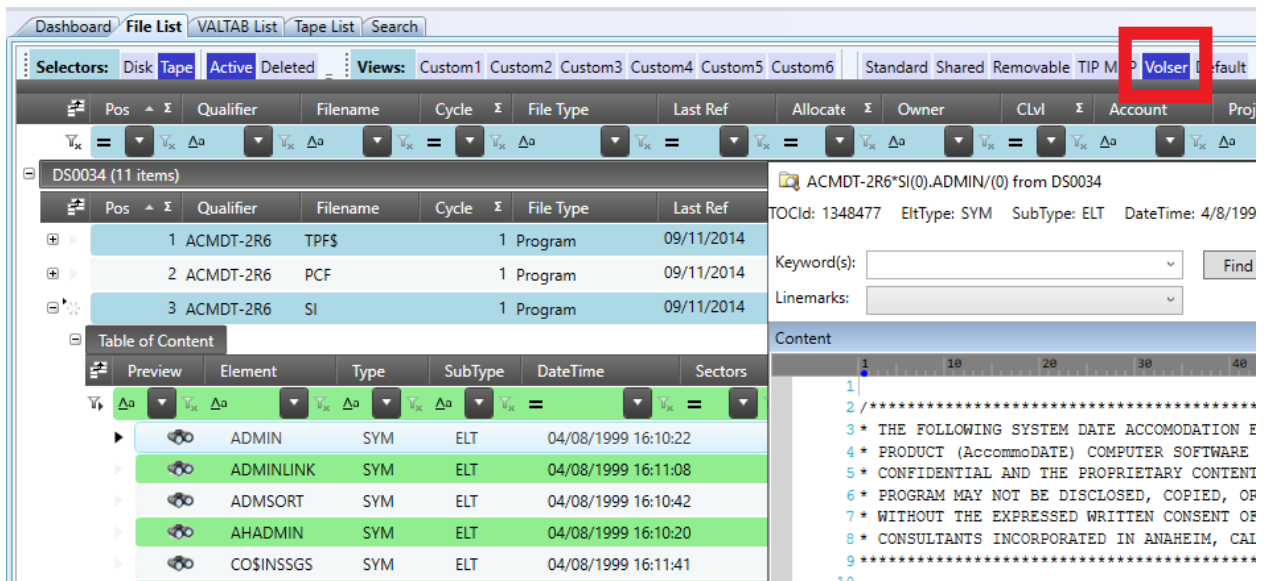


Figure 6 – File List Displaying Volser View

### Result List Generated by a Search

All elements imported from tape are available to ESP's search capability. By default, results from the Search function display elements found on disk. However, both the File List and element result lists have toolbars with a selector button. Clicking these buttons directs ESP to display resources either on disk, or on tape, or both. The metadata for elements from tape include the volser and file position on tape. This makes it easy to restore the data, if desired. Any element can be displayed as a preview or in an independent pane. Search parameters generate a hit list in the source view. Clicking on a hit list item takes you to the line.

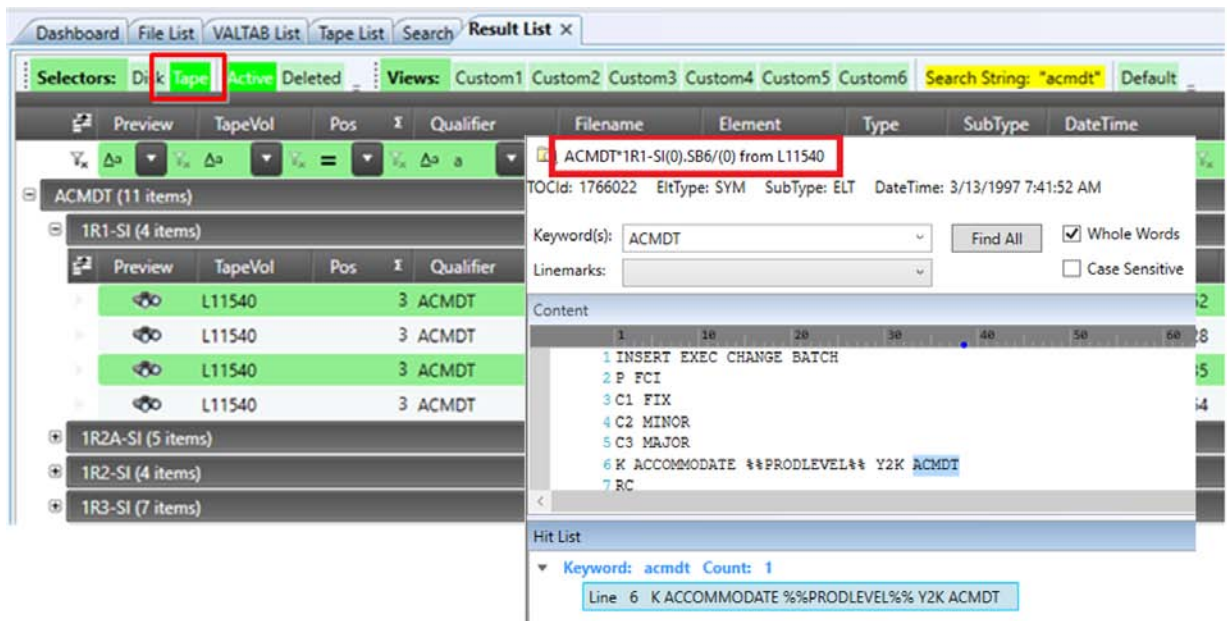
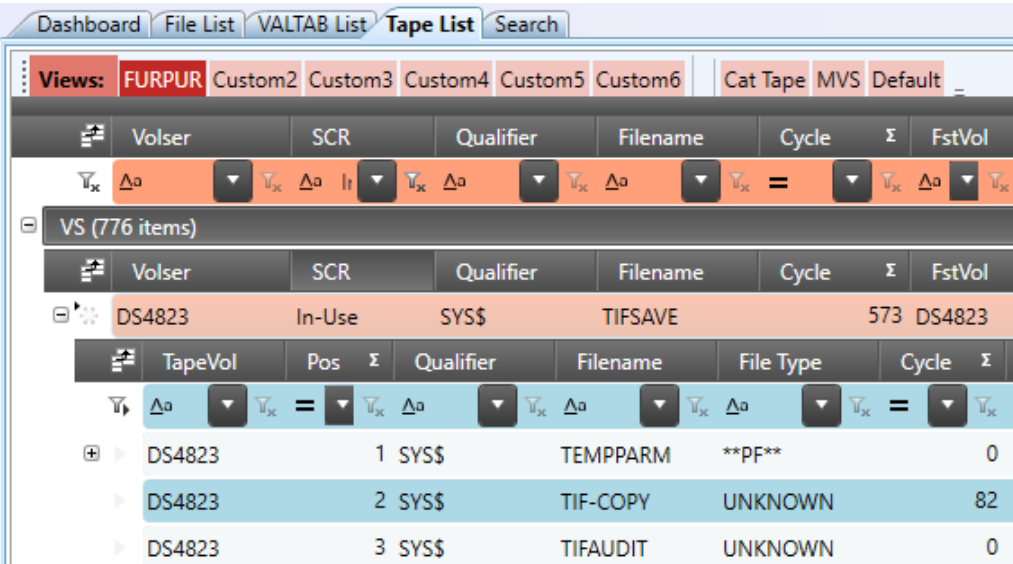


Figure 7– Result List and Content Viewer displaying source from tape

## Tape List

A custom view (FURPUR) for the Tape List can be defined to yield a display similar to the File List, yet customized to the user's needs. Access to element content operates the same as via the File List.



Views: FURPUR Custom2 Custom3 Custom4 Custom5 Custom6 Cat Tape MVS Default						
Volser	SCR	Qualifier	Filename	Cycle	Σ	FstVol
VS (776 items)						
DS4823	In-Use	SY\$	TIFSAVE	573	DS4823	
TapeVol	Pos	Qualifier	Filename	File Type	Cycle	Σ
DS4823	1	SY\$	TEMPPARM	**PF**	0	
DS4823	2	SY\$	TIF-COPY	UNKNOWN	82	
DS4823	3	SY\$	TIFAUDIT	UNKNOWN	0	

Figure 8 – Tape List using Custom View

## Enhancements

### Expanded Installation Modes

In ESP-Dorado 2R4, installers were required to use the Mode-B installation of CPFTP. ESP-Dorado 3R1 has been enhanced to use the new CP18 Mode-C or Mode-D installation modes of CPFTP, as well.

### More Consistent Run Script Names

In ESP-Dorado 3R1, the start names for the ESP FTP runs have been changed to be consistent with conventions for run scripts in CPFTP and other communications software (CPCOMMOS, SILAS, COMAPI, LIBMGR). The ESP 3R1 scripts have a prefix of “ST” and a suffix indicating the installation mode:

- STESPFTP-B,
- STESPFTP-C ,and
- STESPFTP-D.

## Improved Diagnostics and Housekeeping

ESP-Dorado 3R1 has been enhanced to provide:

- runstreams for diagnostics,
- runstreams to list and purge 2200 collection file names, and
- runstreams to set the file cycles which are to be kept.

## Detail Function for a File

In previous versions, a support button, “Detail” opened a pane with detailed metadata about a tape volume which has been highlighted in the Tape List. The “Detail” button now also provides detailed metadata in a separate pane, for a file which is highlighted in the File List.

# System Requirements

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## For ESP OS 2200 Collection Tools

The ESP OS 2200 collection tools run on an OS 2200 partition. ESP-Dorado 3R1 supports an unlimited number of partitions, with a limit of three (3) partitions per server platform.

- Unisys CP OS2200 Level CP16.0 or higher.
- CPFTP, COMAPI, CPCComm/CPCCommOS.
- The capability to configure a mode B, C or D CPFTP process.



**Warning:** *The ESP OS 2200 Collection Tools use an alternate mode in the CPFTP process for crucial connectivity with the ESP Server. Consult the ESP-Dorado 3R1 Administrator Guide to configure it correctly.*

- CIFS Optional. Required only to support ESP Client users’ choice of editing with a local editor (installed on your workstation).

## For ESP Server

- Server platform with Xeon i7 processor
- Disk space: Minimum of 300 GB per each supported partition
- Real memory: 12 GB minimum – 16 GB recommended
- Windows Server 2012 R2 or later operating system.
- MS SQL Server 2012 R2 or later, with the following features:

Full Text Search,	Mixed Mode Security,
SQL Reporting,	Port 1433 Open,
Management Studio,	Memory size 8,192 (1 partition) – 10,240 (3 partitions)

## For ESP Client

- Real memory: 4 MB minimum, 8 MB recommended,
- Disk storage: Minimum of 50 GB available.
- Operating system: Windows 7, 8, or 10.
- .NET 4.6.1
- Optional source editing via DEMAND:
  - Valid OS 2200 userid/password
  - A terminal emulator.
  - A DEMAND-based editor accessible to your OS 2200 session.
- Optional source editing via local editor:
  - Valid OS 2200 userid/password.
  - A PC-based editor installed on your workstation.
  - CIFS operating on the relevant OS 2200 partition(s).

## Compatibility

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ESP-Dorado 3R1 OS 2200 Collection tools are compatible with CP OS-2200 16 or higher.

ESP-Dorado is compatible with STAR-1100 Level 8R1A or higher.

## Migration

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There are no migration concerns in upgrading from ESP-Dorado 2R4 to ESP-Dorado 3R1.

## Previous Level Support

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ESP-Dorado 2R4 will be supported until September 30, 2019.

## OS 2200 EXEC Considerations

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See the [\*ESP-Dorado 3R1 Administrator Guide\*](#) for important configurations in connectivity.

## Corrections

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None.

## Documentation

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Documents provided with release 3R1 include:

- *ESP-Dorado 3R1 Pre-Installation Questionnaire*
- *ESP 3R1 Client Quick Start Guide*
- *ESP 3R1 OS 2200 Collection Tools Quick Start Guide*
- *ESP 3R1 Server Quick Start Guide*
- *ESP-Dorado 3R1 Release Announcement*
- *ESP-Dorado 3R1 Administrator Guide* FP-102001-002
- *ESP-Dorado 3R1 Client User Guide* FP-102002-002

## FCI Website

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You may obtain general information about Formula Consultants, Inc. and its products at our web site at [www.formula.com](http://www.formula.com). After you register with the site and receive a userid and password, you can also download product updates and documentation for which you are licensed.

## Additional Product Resources

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From the FCI website, you can access video presentations which can give you insight into the operation of the ESP Dorado Client program.

FCI also has a demo lab which customers can access by prior arrangement with FCI. The remote user can log into FCI's demo database and use a live, fully-featured copy of the ESP Client program to experience ESP. A companion video can guide the user, presenting pause points where the user can practice the functions presented in the simple video.



# Product Support

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## For OS 2200 Collection Tools

FCI Support Center (FCISC) is available for use to support the OS 2200 component of ESP-Dorado. The FCI Support Center is a 2200 host server software system accessible via the standard UNISYS Remote Site Support (RSS). It allows you to send and receive data electronically to and from FCI. Refer to the *ESP-Dorado 3R1 Administrator Guide* for more information.

## For ESP Server and ESP Client

The ESP Client has a built-in problem reporting feature. Users of the Client program can enter problem descriptions, which are stored in the ESP database and then accessible to all users of the Client.

The ESP Administrator uses the ESP-Dorado Manager program to administer the operation and support of the ESP-Dorado product. Using the Manager, the ESP Administrator can view problem reports initiated by users of the Client program. The administrator can annotate a problem report and escalate it to FCI for attention.

The ESP database also captures information about exceptions which were internally generated by Windows or by an ESP-Dorado component. Administrators can use ESP Manager features to send these reports to FCI, along with relevant diagnostic materials.

# Ordering Instructions

---

## To Order

To order your site's copy of ESP-Dorado 3R1, contact a sales representative at Formula Consultants Inc., at 714-778-0123.

A pre-installation questionnaire is appended to this document.



**Note** *Part of the ordering process involves completing a pre-installation questionnaire. In the questionnaire you will be describing some aspects of your intended operating environment: the relevant OS 2200 partition(s) and the server platform where you will host the ESP Server and database.*

## Media for General Release

FCI offers the following options for receiving the release of ESP-Dorado 3R1:

### OS 2200 Collection Tools

- ❑ A release tape in DVD image format. See the *Release Tape Recreation Instructions*.

### ESP Server and ESP Client

- ❑ An installation DVD image.

## Media for Corrections

FCI offers the following options for receiving corrections to ESP-Dorado 3R1.

- ❑ Support Website download
- ❑ Email



# ESP-Dorado 3R1

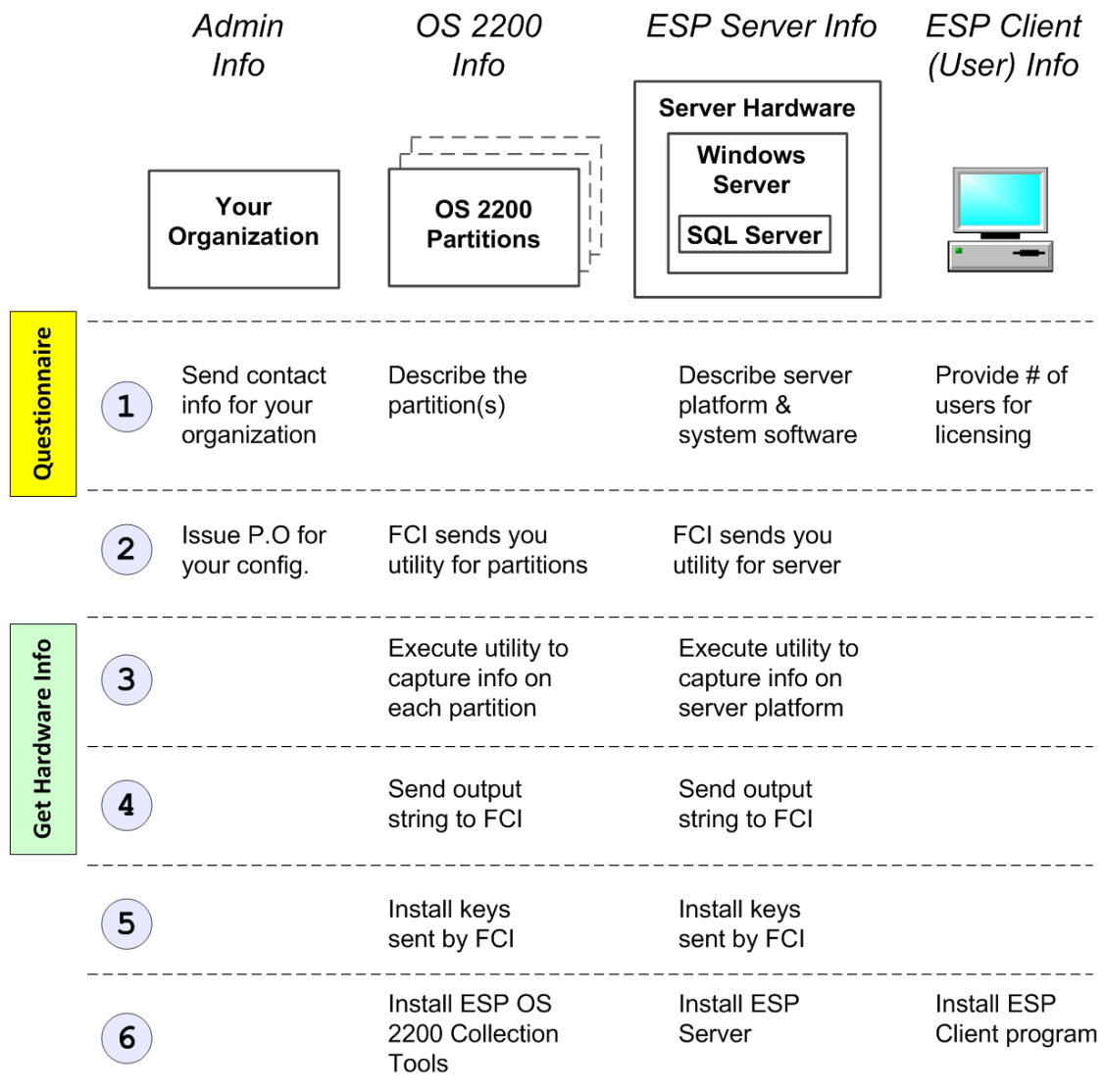
## Pre-Installation Questionnaire

**The questionnaire, starting on page 2, is self-explanatory.**

ESP-Dorado license keys authorize the use of the product and define aspects of its configuration. To create the keys, FCI uses:

- your administrative and technical responses to this questionnaire,
- text string(s) you send after executing the OS 2200 info utility **ESPINFO**, and
- a text string you send after executing the server info utility, **ESPServerKey**.

The diagram below summarizes how you obtain the keys and complete the installation.



**Figure 1 – ESP: from Licensing to Installation**

## Administrative Information

**Company:** \_\_\_\_\_

**Technical Contact:** \_\_\_\_\_

**Client:** \_\_\_\_\_  
(If Unisys or facilities management organization)

**Contact Address:** \_\_\_\_\_

**City:** \_\_\_\_\_

**State/Province:** \_\_\_\_\_ **Postal code:** \_\_\_\_\_

**Country:** \_\_\_\_\_

**Phone:** \_\_\_\_\_  
(Please indicate dialing sequence from out of country, including country code.)

**EMAIL:** \_\_\_\_\_

**Site comments:** \_\_\_\_\_

**Contact us**

**Formula Consultants  
Inc.**


714 778-0123

714 778-6364 FAX

esp@formula.com

## OS 2200 Partition Information

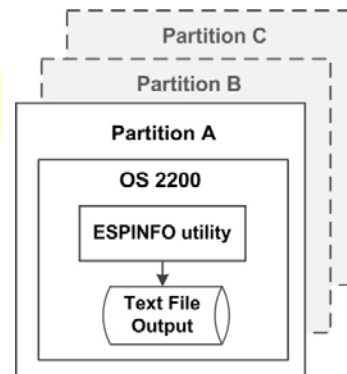
The ESP OS 2200 Collection Tools run on an OS 2200 partition.

 **Note:** ESP-Dorado can support an unlimited number of partitions but only three per Windows Server. Each additional 3 partitions will require an additional Windows server.

Please provide the following information for each partition intended for ESP-Dorado participation.

Make multiple copies of this page as necessary.

You will also execute the utility **ESPINFO** on each partition.  
Send the text file output to FCI.



**Figure 2 - Partitions**

### Partition Description:

**Partition Identifier:** \_\_\_\_\_ (i.e.: SITEID )

**Description:** \_\_\_\_\_

**Current ClearPath OS2200 Level** (e.g: CP16.0) \_\_\_\_\_

**MCN** (machine control number): \_\_\_\_\_

**Security:** (check)

**Fundamental** ☐

**SecOpt 1** ☐


**SecOpt2** ☐

**FTP:** (check)

**Is CPFTP installed?** ☐

**( Mode A** ☐

**Mode B** ☐ )

 **Note:** A dedicated alternate instance of CPFTP is required for ESP-Dorado. The installation will apply crucial special privileges to its session. Normally it will be Mode B. In CP18.0 and later levels, Modes C and D are available.

### Fixed Disk (Estimated) Use

Track Count \_\_\_\_\_

File Count \_\_\_\_\_

### Does This Partition Use . . .

Removable Disk? YES ☐ NO ☐

Shared Disk? YES ☐ NO ☐

TIP? YES ☐ NO ☐

OS2200 BIS (MAPPER)? YES ☐ NO ☐

### Tape Use

Tape Management System: STAR-1100? ☐ Shared / SLS? ☐

Total number of tapes used by partition \_\_\_\_\_

Type/Description of Physical or Virtual Tape Library \_\_\_\_\_

# Windows Server Information

The ESP Server and its components reside on a Windows Server platform.

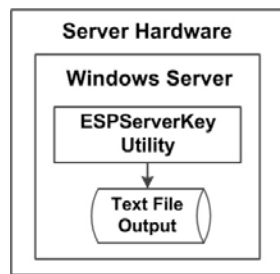


Figure 3 – Get Server Info

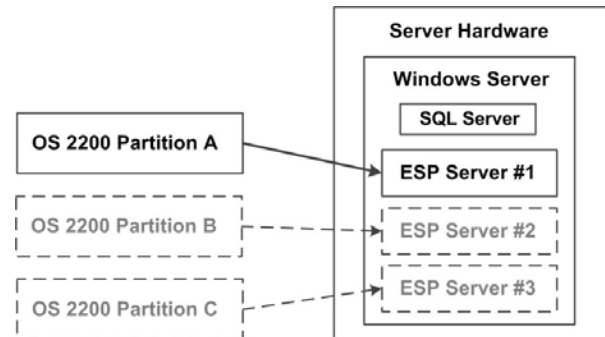


Figure 4 – OS 2200 Partitions and ESP Servers

## Notes:

- MS SQL Server is required and can support multiple instances of the ESP Server. SQL Server is assumed to be local, but could be network accessible.
- Identify the OS 2200 partition associated with each instance of the ESP Server.
- All instances of the ESP Server are assumed to run under the same instance of Windows Server, on the same hardware platform. For other options, contact FCI.

Make extra copies of this page if you need to specify more than one server hardware platform or more than one instance of Windows Server system software.

## Hardware Platform

Platform Memory (12 GBs minimum, 16 GB recommended) \_\_\_\_\_

Platform Disk C:\ Drive (300 GB recommended per partition) \_\_\_\_\_

Is your server hosted in the Dorado frame? Yes ☐ No ☐

If YES, connectivity: Infiniband ☐ Network ☐

Remote access available for FCI to assist installation? Yes ☐ No ☐

## System Software

Windows Server Name \_\_\_\_\_

OS: Windows Server 2012 R2 ☐ (supported) Windows Server 2016 ☐ (supported) Other \_\_\_\_\_

SQL Server SQL Server 2014 ☐ (supported) SQL Server 2016 ☐ (supported) Other \_\_\_\_\_

## Partitions to be Accessed

Partition Id for ESP Server #1 \_\_\_\_\_

Partition Id for ESP Server #2 \_\_\_\_\_

Partition Id for ESP Server #3 \_\_\_\_\_

## ESP-Dorado Client Information

The ESP Client program runs on a workstation running Windows.

Please provide a partition identifier and the number of Client copies to be installed, for each partition.

How many ESP-Dorado Clients are to be installed? \_\_\_\_\_

(3 clients minimum per partition)  
**clients**

**Partition Identifier**

**# of**

How many ESP-Dorado Clients are to be installed? \_\_\_\_\_

(3 clients minimum per partition)  
**clients**

**Partition Identifier**

**# of**

How many ESP-Dorado Clients are to be installed? \_\_\_\_\_

(3 clients minimum per partition)  
**clients**

**Partition Identifier**

**# of**

## Other

Do you have any additional questions or comments which would help FCI plan for your site's installation?

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