

Federal Parent Locator Service

# **FPLS State Services Portal**

Release 10-01 – Minor  
May 7, 2010

## **Release Specifications**

Version 1.0  
February 8, 2010

Administration for Children and Families  
Office of Child Support Enforcement  
370 L'Enfant Promenade S.W.  
Washington, DC 20447

DCN: C8-04.01.A1.01

This document was prepared for the United States Department of Health and Human Services, Office of Child Support Enforcement under Contract Number NIH CIOSP 263-01-D-0054 by Lockheed Martin, Information Systems and Global Services, Incorporated (LM IS&GS). The work was authorized in compliance with the following specific prime task order:

Delivery Order Number: HHS-ACF-2005-C2427M  
Delivery Order Title: FPLS State Services Portal  
Document Date: February 2010

## TABLE OF CONTENTS

|           |  |            |
|-----------|--|------------|
| <b>1.</b> | <b>FPLS State Services Portal (OCSE Ref #2863)</b> ..... | <b>1-1</b> |
| 1.1       | Summary of Changes.....                                  | 1-1        |
| 1.2       | Background .....   | 1-1        |
| 1.3       | Description of Changes .....                             | 1-1        |
| 1.4       | Impact on States .....                                   | 1-3        |
| 1.5       | HTTP Header Requirements.....                            | 1-3        |
| 1.6       | QUICK State User Application Roles .....                 | 1-5        |
| 1.7       | Pilot Testing .....                                      | 1-5        |
| 1.8       | Resource Materials .....                                 | 1-5        |

## LIST OF FIGURES AND CHARTS

|             |                                      |     |
|-------------|--------------------------------------|-----|
| Figure 1-1: | SSP User Certification Page.....     | 1-2 |
| Figure 1-2: | SSP Welcome Page .....               | 1-2 |
| Figure 1-3: | HTTP Header Structure .....          | 1-4 |
| Chart 1-1:  | HTTP Header Requirements.....        | 1-3 |
| Chart 1-2:  | QUICK State User Roles for SSP ..... | 1-5 |

## **1. FPLS STATE SERVICES PORTAL (OCSE REF #2863)**

### **1.1 Summary of Changes**

The Federal Parent Locator Service (FPLS) is adding the State Services Portal (SSP) to provide internet-based access for authorized state users to the Query Interstate Cases for Kids (QUICK) FPLS web application.

Other FPLS web applications that may be added to the portal incrementally include:

- Maintenance of the QUICK Profile
- Passport Denial
- Federal Offset
- National Directory of New Hires (NDNH) Employer information
- Electronic Income Withholding Orders (e-IWO)

### **1.2 Background**

The Office of Child Support Enforcement's (OCSE) FPLS SSP initiative supports the Division of Federal Systems (DFS) strategic priorities to transition to internet-based solutions. This supports OCSE's vision by developing an integrated technical infrastructure that leverages new technologies and approaches. The SSP builds upon the infrastructure that was developed for the QUICK system, and provides state workers with internet-based access to child support services via a secure, single sign-on interface.

### **1.3 Description of Changes**

States will be able to access FPLS-hosted applications using the SSP. This change is built on the existing infrastructure in order to provide state-authorized and -authenticated users with secure, role-based access to selected FPLS data. The SSP will be accessed via the internet using Internet Protocol Security (IPSec) Virtual Private Network (VPN), or the frame relay network between OCSE and states. In order to use the SSP, states must develop an interface that provides for their connectivity to the SSP. This task includes deploying a proxy server and providing non-standard header information in the HTTP headers.

Figure 1-1 provides a sample screenshot of the SSP user certification page.

**Figure 1-1: SSP User Certification Page**

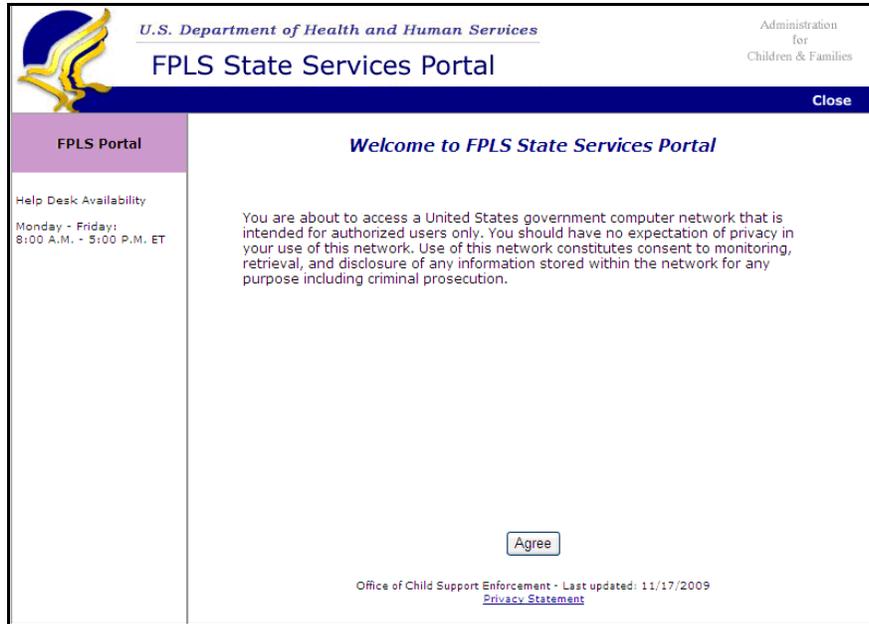
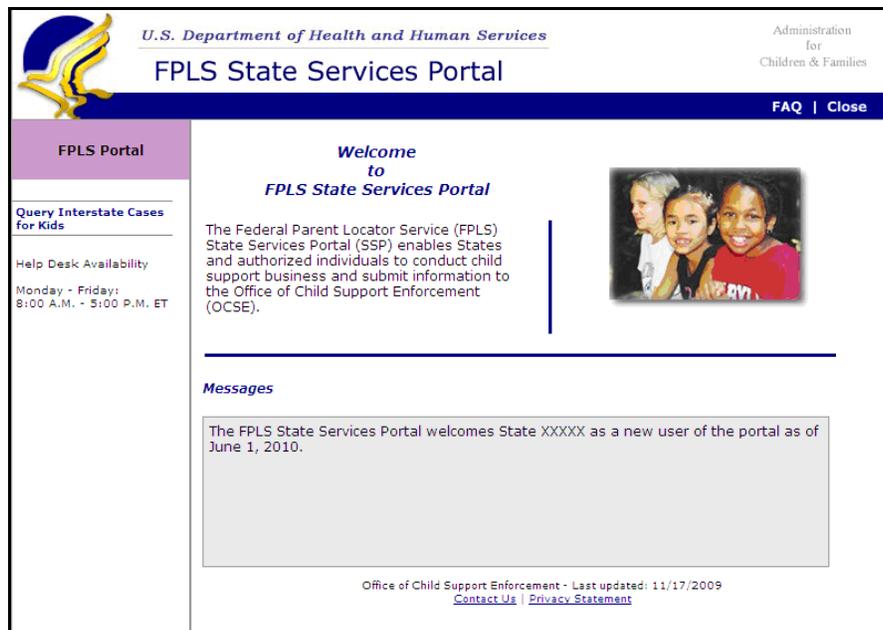


Figure 1-2 provides a sample screenshot of the SSP welcome page.

**Figure 1-2: SSP Welcome Page**



## 1.4 Impact on States

This resource will only be available to states via Hyper Text Markup Language (HTML). States that want to continue using the QUICK application do not need to make any changes, but are encouraged to program for the SSP in order to be prepared to take advantage of future applications that will be added to this portal. States that elect to use the SSP and its hosted applications are required to deploy a proxy server and to provide Hypertext Transfer Protocol (HTTP) header information, including users' roles.

High-level considerations and impact on QUICK states are:

- QUICK HTML states will only need to add user role information into the HTTP header to access the SSP.
- QUICK Extensible Markup Language (XML)-requesting states will need to implement a proxy server to access the SSP.
- QUICK XML-requesting states will not need to make any changes to continue using QUICK.

## 1.5 HTTP Header Requirements

To access the SSP and its hosted applications the data elements that are listed in Chart 1-1 must be added in the HTTP header from the state's proxy server.

| <b>CHART 1-1: HTTP HEADER REQUIREMENTS</b> |                          |  |
|--|--------------------------|--|
| Data Element                               | HTTP Header Name         | Description  |
| RequestDateTime                            | Date                     | The date and time that a request for information was made (Greenwich Mean Time/Coordinated Universal Time (GMT/UTC) time).   |
| User Identifier                            | UserId                   | An identifier that associates a worker with an access or authorization to a system.  |
| State Requestor Identifier                 | StateRequestorIdentifier | A unique identifier for a requestor. For states, this is a five-character string that consists of a two-character state Federal Information Processing Standard (FIPS) code followed by three additional characters. For example, a state can use three zeros as the additional three characters to complete the string. |
| State-Generated Identifier                 | StateGeneratedIdentifier | A unique number that is created by a state to identify a specific request.   |

| <b>CHART 1-1: HTTP HEADER REQUIREMENTS</b> |                         |   |
|--|-------------------------|---|
| <b>Data Element</b>                        | <b>HTTP Header Name</b> | <b>Description</b>  |
| Server Identifier                          | RequestServer           | An identifier that uniquely defines a server address within a network. This is the Internet Protocol (IP) address of the proxy server.                                    |
| State-Tribe-Territory Name                 | StateIdentifier         | The full name of a state, tribe or territory.   |
| User Role                                  | UserRole                | The role type code is used to access hosted applications on the FPLS SSP. If the user has multiple roles, each role must be provided with a comma between each role type. |

Figure 1-3 shows the HTTP header structure. The first three lines are part of a sample HTTP header. 'Date' and 'Proxy-Authorization' are HTTP-defined elements that are used in the HTTP header. Header element descriptions to the right are system-defined fields.

**Figure 1-3: HTTP Header Structure**

|   |                                   |
|---|-----------------------------------|
| Sample HTTP Header  |                                   |
| HTTP/1.1 206 Partial content Date: Wed, 15 Nov 1995 06:25:24 GMT Last-Modified: Wed, 15 Nov 1995 04:58:08 GMT Content-Type: application/x-www-form-urlencoded |                                   |
| QUICK system HTTP Header Elements   |                                   |
| Date = "Date" ":" HTTP-date also  | <b>RequestDateTime</b>            |
| UserId= "Proxy-Authorization" ":"   | <b>User Identifier</b>            |
| StateRequestorIdentifier="StateRequest" ":"   | <b>State Requestor Identifier</b> |
| StateGeneratedIdentifier="StateGenerated" ":"   | <b>State-Generated Identifier</b> |
| RequestServer="RequestServer IP Address" ":"  | <b>Server Identifier</b>          |
| StateIdentifier="StateTribeTerritory" ":"   | <b>State-Tribe-Territory Name</b> |
| UserRole="Role Type Code" ":"   | <b>User Role Type Code</b>        |

## 1.6 QUICK State User Application Roles

Chart 1-2 presents a list of role types, role codes and descriptions for users of the QUICK application. The role that is defined is passed via the HTTP header.

| CHART 1-2: QUICK STATE USER ROLES FOR SSP |           |  |
|---|-----------|--|
| Role Type                                 | Role Code | Description  |
| Limited                                   | <b>SQ</b> | This role can request case information from another state for view only. Case information includes financial, contact, case participant and/or activity information. The worker can only view information that is needed for his/her state.  |
| Full                                      | <b>SR</b> | This role can maintain the QUICK profile information, in addition to viewing case information from another state. Case information includes financial, contact, case participant and/or activity information. The worker can only view information that is needed for his/her state. |

Note: QUICK users with the ‘Full’ role type will not see an option for profile maintenance, because the QUICK Profile Maintenance application is scheduled for a future release.

User roles for other applications can be found in *FPLS State Services Portal State Interface Specifications (SIS)*. Additional details about where to find the *SIS* document may be found in Section 1.8, “Resource Materials.” States are encouraged to program for all of the roles that are in the *SIS* document in order to minimize future programming.

## 1.7 Pilot Testing

OCSE will conduct pilot testing for states in order to verify the system programming. Pilot testing is scheduled from March 25, 2010 to April 8, 2010. For assistance with testing or questions, contact your QUICK/CSENet technical representative or the service desk at (800) 258-2736.

## 1.8 Resource Materials

Additional resource materials for states include the *QUICK Integration Toolkit 1 – Introduction, QUICK SIS* and *FPLS State Services Portal SIS*. To gain access to the QUICK Workplace, please contact your QUICK/CSENet technical representative, who can also assist with questions about the State Services Portal.