State of Alaska
Department of Revenue
Child Support Services Division

Interface Control Document

for

WINSTAR

Version 3.0 1-14-22

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1.0 Introduction / Summary

1.1 Purpose

This document provides a high-level description of the relationship between WinSTAR and the interfaces used. This Interface Control Document defines type of interface, the partner WinSTAR is interfacing with, and the purpose of the interface.

1.2 Scope

This Interface Management Plan details procedures that comprise the analysis, conversion, and testing of all interfaces pertaining to WinSTAR. The key elements in the Interface Management Plan include:

- An overview of the current state of WinSTAR interfaces

- A description of the development process for creating new interfaces

- A description of the procedures used to test the interface functionality for accuracy and completeness

2.0 Overview

2.1 Outgoing Interfaces

A file is created from WinSTAR and placed into a known location. The file is then transferred, typically by VisualCron, from the specified location to the file exchange location for the externa partner or the mainframe server for it to be transferred to OCSE.

2.2 Incoming Interfaces

A file is typically deposited by the external partner, and polling or event-driven mechanism triggers notification of the receipt of data, which is then automatically picked up, moved to the WinSTAR server, and processed by the relevant Natural program(s).

3.0 Interface Overview

3.1 Interface Details

3.1.1   Interface List

	Agency Name	Interface Name	Process Name	JCL Name	I/O	File Transfer Mode	Frequency
1	DHSS, DPA	IV-A Interface	Process IVA Interface Input Transactions	RCSB105P	I	FTP	Daily
2	DHSS, DPA	IV-A Interface	Process IVA Interface Medical Intake Transactions	RCSB105P	I	FTP	Daily
3	DHSS, DPA	Tribal TANF	Incoming TRIBAL AVNWR TANF Interface Household update (HH) and Grant (WR)	RCSB561P, RCSB563P	I	FTP	Monthly
4	DHSS, DPA	Tribal TANF	Transfer NFAP information to CSSD	RCSB561P, RCSB563P	I	FTP	Monthly
5	DHSS, DPA	Tribal TANF	Outgoing Tribal TANF Disbursement Extract (cook-inlet council)	RCSB561P, RCSB563P	O	FTP	Monthly
6	OCS (IV-E)	IV-E Interface	Process IV-E Interface from OCS (DYFS)	RCSB107P, RCSB187P	I	FTP	Daily
7	Education and Early Development (EED)	EED	Incoming Post-Secondary-After ESPCSEDP creates file	RTFC860P, RCSB186P	I	FTP	Daily
8	Education and Early Development (EED)	EED	Outgoing Post-Secondary-After ESPCSEDP creates file	RTFC860P, RCSB186P	O	FTP	Daily
9	Dept. of Labor	Wage / DOL	Public Unemployment Assistance (PUA) Receipts	RCSB910P	I	FTP	Daily
10	Dept. of Labor	Wage / DOL	Newhire - Extract New Hire Transactions	RCSB910P	O	FTP	Thu/Sat
11	Dept. of Labor	Wage / DOL	Public Unemployment Assistance (PUA) SSNs	RCSB910P	O	FTP	Saturday
12	Federal OCSE - FCR	FCR	Incoming FCR Response Transactions	RCSB515P, RCSB510P	I	FTP	weekly
13	Federal OCSE - FCR	FCR	Outgoing FCR Transactions	RCSB520P	O	FTP	weekly
14	Federal OCSE - FCR	NDNH	Newhire - Extract New Hire Transactions to Feds	RCSB195P	O	FTP	Twice a week
15	Dept. of Administration - Payroll	State Newhire	State Employee New Hire (IRIS)	RCSB941P	I	FTP	On Request
16	Dept. of Administration - Payroll	State Newhire	Extract data for CSSD Web Portal	RCSB941P	O	FTP	On Request

	Agency Name	Interface Name	Process Name	JCL Name	I/O	File Transfer Mode	Frequency
17	Dept. of Administration - Payroll	State Newhire	New hire - Process incoming Transactions (set of files) and transactions from AKPAY	RCSB941P	I	FTP	Twice a Week
18	Dept. of Administration – IVR	IVR(GCI contracted)	Extract data for IVR		O		On Request
19	CB - Equifax	Credit Bureau	Extract Credit Bureau Reporting	RCSB290P	O	FTP	monthly
20	CB - Experian	Credit Bureau	Extract Credit Bureau Reporting	RCSB290P	O	FTP	monthly
21	CB - Innovis	Credit Bureau	Extract Credit Bureau Reporting	RCSB290P	O	FTP	monthly
22	CB - Transunion	Credit Bureau	Extract Credit Bureau Reporting	RCSB290P	O	FTP	monthly
23	CED - NAIC Contractor	Licenses	Monthly License Enforcement Eligibility Job Extract (for Occupational Licenses)	RCSB270P, RCSB274P	O	FTP / Manual	Monthly
24	CED (Dept. of Commerce Economic Development)	Licenses	Monthly License Enforcement Eligibility Job Extract (for Occupational Licenses)	RCSB270P, RCSB274P	O	FTP / Manual	Monthly
25	Dept. of Fish & Game	Licenses	Monthly License Enforcement Eligibility Job Extract (for Occupational Licenses)	RCSB270P, RCSB274P	O	FTP / Manual	Monthly
26	PFD	PFD	Upload and process PFD applicants (Manual upload)	Manual	I	Manual upload to website	On Request
27	PFD - California	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	I/O	FTP	Monthly
28	PFD - Idaho	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	O	FTP	Monthly
29	PFD - tennessee	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	O	FTP	Yearly
30	PFD - Missouri	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	O	FTP	Monthly
31	PFD - Oklahoma	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	O	FTP	Monthly
32	PFD - Oregon	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	O	FTP	Monthly
33	PFD - Washington	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	O	FTP	Monthly
34	PFD – North Dakota	PFD	Monthly Other State PFD Receipt Reports	RCSB254P, RCSB255P	I/O	FTP	Yearly
35	PFD	PFD	Process PFD Intercepts Extract eligible participants for garnishments	RCSB927P	O	Manual upload to website	Annual
36	Federal OCSE - FOP	Federal Offset Program	FOP Submission Extract	RCSB284P, RCSB285P	O	FTP	weekly
37	Federal OCSE - FOP	Federal Offset Program	FOP Match with SSA	RCSB286P	I	FTP	Weekly

	Agency Name	Interface Name	Process Name	JCL Name	I/O	File Transfer Mode	Frequency
38	Federal OCSE - FOP	Federal Offset Program	FOP Rejects	RCSB286P	I	FTP	Weekly
39	Federal OCSE - FOP	Federal Offset Program	FOP updates	RCSB286P	I	FTP	Weekly
40	Federal OCSE - FOP	Federal Offset Program	Incoming FOP reconciliation	RCSB901P	I	FTP	Annual
41	Federal OCSE - EIWO	Income Withholding	Electronic Income Witholding acknowledgement	RCSB110P	I	FTP	Daily
42	Federal OCSE - EIWO	Income Withholding	Electronic Income Witholding sent to Feds	RCSB110P	O	FTP	Daily
43	Federal OCSE - EIWO	Income Withholding	Process Incoming EIWO FEIN	RCSB170P	I	FTP	Bi-monthly
44	Commercial Fisheries Entry Commission (CFEC)	Commercial Fisheries	Annual Fish WIDs	RCSB707P	O	Manual Push (through email)	Annual
45	Informatix Inc	FIDM	FIDM File Extract	RCSB257P, RCSB259P	O	FTP	monthly
46	Informatix Inc	FIDM	FIDM Incoming	RCSB513P, RCSB514P	I	FTP	weekly
47	Dept. of Labor	Wage / DOL	Process Quarterly wage Employer Match from DOL	RCSB909P	I	FTP	Monthly
48	Dept. of Labor	Wage / DOL	Process Department of Labor Unemployment Match	RCSB910P	I	FTP	Monthly
49	Dept. of Corrections	DOC Payments	PROCESS RECEIPTS from DOC	RCSB950P	I	Manual Download (through email)	Monthly
50	CSSD SDU (IKON)	IKON SDU Check Payments	Incoming Checks Receipt Collections from IKON SDU system	RCSB106P	I	FTP	Daily
51	Federal OCSE - FOP	IRS Payments	Process FOP (IRS) Receipts	RCSB714P, RCSB911P, RCSB914P	I	FTP	Weekly
52	Keybank	Keybank EFT Payments	Key Bank File Retrieval PROCESS EFT COLLECTIONS	RCSB185P, RCSBEFTI, RCSB104P	I	FTP Pull	Daily
53	Keybank	Keybank Employer EFT Payments	Process Employer Collections (coming through web portals/keybank portal)	RCSB118P, RCSB119P, CSSD FTP Server (DORCSSFTP)	I	FTP Pull	Daily
54	PFD	PFD Payments	Process Incoming PFD Receipts	RCSB917P	I	Manual Download Pull	Monthly
55	Dept. of Labor	Receipt Processing	Process UIB Receipts	RCSBUIBI, RCSB103P	I	FTP	Daily

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	Agency Name	Interface Name	Process Name	JCL Name	I/O	File Transfer Mode	Frequency
56	Check Print - Central Printer	Disbursements	Check Print Job	RCSB120P	O	Push to Printer	Daily
57	Keybank	Disbursements	Outgoing EFT Disbursement extract	RCSB120P, RCSB180P	O	FTP	Daily
58	Keybank	Disbursements	Outgoing Positive Pay extract (Check Disbursements, Voids)	RCSB120P, RCSB180P	O	FTP	Daily
59	Keybank	Disbursements	(Key Bank Check Reconciliation) Check Cleared file	RCSB185P, RCSB182P	I	FTP Pull	Daily
60	Keybank	Disbursements	Ebill ACH Inbound	RCSB185P, RCSB182P	I	FTP Pull	Daily
61	Keybank	Disbursements	ICL file from Receipt Imaging application to Key Bank and ICL Response File Inbound from Key Bank	RCSB185P, RCSB182P	O	FTP Pull	Daily
62	Keybank	Disbursements	Ebill Outbound	RCSB185P, RCSB182P	O	FTP Pull	Daily
63	Keybank	Disbursements	Setup EFT / Debit Card Enrollment	RCSB185P, RCSB182P	I/O	FTP Pull	Weekly
64	DHSS, DPA	IV-A Interface	IV-A (TANF) Output Transactions	RCSB150P	O	FTP	Daily
65	OCS (IV-E)	IV-E Interface	IV-E (OCS) Output Transactions	RCSB150P, RCSB151P	O	FTP	daily
66	OCS (IV-E)	IV-E Interface	Outgoing IVE OCS disbursement Extract	RCSB152P, RCSB213P	O	FTP	Monthly
67	OCS (IV-E)	IV-E Interface	Incoming IV-E (OCS) Cost of Care Grants	RCSB297P, RCSB275P	I	FTP	Monthly (day of 25th)
68	Keybank	Keybank - Employer / NCP	Extract file to keybank (Employer/NCP details)	RCSB116P, RCSB117P	O	FTP	Daily
69	CSSD SDU (IKON)	SDU - Employer / NCP	Extract active employers to SDU IKON	RCSB183P, RCSB184P	O	FTP	Wed/Sat/Mon
70	CSSD SDU (IKON)	SDU - Employer / NCP	Extract active employers to SDU IKON	RCSB183P, RCSB184P	O	FTP	Wed/Sat/Mon
71	CSSD SDU (IKON)	SDU - Employer / NCP	Extract Active Participants to SDU IKON	RCSB183P, RCSB184P	O	FTP	Wed/Sat/Mon
72	Federal OCSE - CSENet	CSENet	Process Interstate Input Transactions	RCSB135P	I	FTP	Daily
73	Federal OCSE - CSENet	CSENet	Process Interstate Output Transactions	RCSB145P	O	FTP	Daily
74	Commercial Fisheries Entry Commission (CFEC)	Commercial Fisheries	Process Commercial Fisheries Permit File	(RCSB243P) RCSB245P, RCSB907P	I	Manual push using emails	Annual

	Agency Name	Interface Name	Process Name	JCL Name	I/O	File Transfer Mode	Frequency
75	Commercial Fisheries Entry Commission (CFEC)	Commercial Fisheries	Process Commercial Fisheries Vessel File	(RCSB244P) RCSB245P, RCSB912P	I	Manual push using emails	Annual
76	Dept. of Corrections	DOC	Process Response from DOC	RCSB908P	I	FTP	weekly
77	PFD	PFD	Process locate using PFD Dividend	PFDRPFI, RCSB245P, RCSB246P	I	Manual push using emails	Annual
78	Dept. of Labor	Wage / DOL	Dept. of Labor Extract Request	RCSB280P	O	FTP	Monthly
79	Dept. of Labor	Wage / DOL	Process Department of Labor Master Employer Update	RCSB281P	I	FTP	Monthly
80	Federal OCSE	OCSE Reports	Incoming Federal Report	RCSB940P	I	FTP	Daily
81	Query Interstate Cases for Kids - QUICK	QUICK	Provides Child Support (CS) personnel real-time access to other states' financial and basic case information.		I/O		Continuous
82	CSLN - Child Support Lien Network	CSLN	Weekly CSLN Processing Job		O	Electronic File	Weekly
83	CSLN - Child Support Lien Network	CSLN	Processing of incoming CSLN response file		I	Response File	Daily
84	Unclaimed Property Division	UPD	Replacing an e-mail SSN exchange with the Unclaimed Property Division		O		Bi Monthly
85	USBank	USBAK	Generate a list of new enrollees to register them in UsBank system	CSKEYOUT	O	FTP	Daily
86	USBank	USBAK	Update the EFTI records with the new account information	CSKEYIN	I	FTP	Daily

Table 1 : Interface Preliminary List

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3.1.2 Interface Partners List

Additionally, the table below provides the preliminary details regarding Alaska's interface partners. As compared to the above Interface Preliminary List, this list provides more clarity and maps each interface partner to its corresponding functions with regard to the WinSTAR system.

	Interface category	Interface Name	Incoming file count	Outgoing file count	Total
1	Credit Bureau Agency	CB - Equifax		1	1
2	Credit Bureau Agency	CB - Experian		1	1
3	Credit Bureau Agency	CB - Innovis		1	1
4	Credit Bureau Agency	CB - Transunion		1	1
5	State of Alaska	Check Print - Central Printer		1	1
6	State of Alaska	Commercial Fisheries Entry	2	1	3
7	State of Alaska	Cook-inlet Tribal Council		1	1
8	Child Support Office	CSSD SDU (IKON)	1	3	4
9	Child Support Office	CSSD Services Portal	1	1	2
10	State of Alaska	Dept. of Administration - Payroll	1		1
11	State of Alaska	Dept. of Corrections	2		2
12	State of Alaska	Dept. of Labor	4	1	5
13	State of Alaska	DHSS, DMA (Health Management		1	1
14	State of Alaska	DHSS, DPA	12	1	13
15	State of Alaska	Division of Motor Vehicles	1		1
16	State of Alaska	Education and Early Development	1	1	2
17	Federal OCSE / FPLS	Federal OCSE	1		1
18	Federal OCSE / FPLS	Federal OCSE - CSENet	5	1	6
19	Federal OCSE / FPLS	Federal OCSE - EIWO	2	1	3
20	Federal OCSE / FPLS	Federal OCSE - Fast Levy	2	2	4
21	Federal OCSE / FPLS	Federal OCSE - FCR	2	2	4
22	Federal OCSE / FPLS	Federal OCSE - FOP	5	1	6
23	Private Vendor	Informatix Inc	1	1	2
24	State of Alaska	IVR (State Agency)		1	1
25	Private Vendor	Keybank	3	4	7
26	State of Alaska	OCS (IV-E)	2	2	4
27	State of Alaska	PFD	3	1	4
28	External State(s)	PFD - California		1	1
29	External State(s)	PFD - Idaho		2	2
30	External State(s)	PFD - Missouri		1	1
31	External State(s)	PFD - Oklahoma		1	1
32	External State(s)	PFD - Oregon		1	1
33	External State(s)	PFD - Washington		1	1
34	State of Alaska	CED - NAIC Contractor		1	1
35	State of Alaska	CED (Dept. of Commerce Economic		1	1
36	State of Alaska	Dept. of Fish & Game		1	1
37	Private Vendor	USBAK	1	1	2

52	42	94

Table 2 : Interface Partner List

3.1.3 Function Allocation

WinSTAR: WinSTAR is the start that creates the outgoing file or end point that consumes the incoming file for each interface.

VisualCron: VisualCron is the job manager outside of WinSTAR. VisualCron transfers files to and from most servers internally as well as provides the FTP connection to external partners.

Cyberfusion: Cyberfusion is only component that still resides on the mainframe server. Cyberfusion is used to transfer files to and from the Office of Child Support Enforcement.

3.1.4 Interface Requirements

File transfer must be done securely, most often done via SFTP using both a username and password as well as key pairs.

4.0 Roles and Responsibilities

The following table describes the roles and responsibilities with regard testing of the WinSTAR system's interfaces with external partner systems.

Role	Project Responsibilities
Project Sponsor / CSSD Director	• Provide overall leadership • Coordinate the development of any new or revised cooperative agreements between CSSD and external partners • Resolve escalations
CSSD Project Manager	• Responsible for negotiating/coordinating interfaces with external partners • Monitors overall progress of interface work • Approves or disapproves modifications to the schedule, scope, or deliverables • Coordinate all necessary approvals for migrating interfaces into production
OIT Technical Team	• Provide support in troubleshooting technical issues with WinSTAR system interfaces • Establish all data exchange network/firewall related requirements for all external interfaces • Install and configure required components for the establishment of data exchange mechanisms
CSSD Systems Team	• Assist in the documentation of interface and batch job details • Document file layout specifications for all interfaces including web services
State Child Support SMEs	• Draft User Acceptance test scripts • Perform User Acceptance Testing and record results • Provide support to State Interface Coordinator on functional requirements, questions, and concerns.
Partner Agencies / Entities	• Cooperate diligently with WinSTAR project team requests • Provide adequate test files to facilitate System Integration Testing • Respond promptly to Protech and State inquiries for troubleshooting interface issues • Participate in the regularly scheduled Interface Workgroup Meetings • Authorize and establish connectivity to production and non-production environments as required

Table 3 : Interface Management Roles and Responsibilities

5.0 Interface Management

The process of accurately converting all interface batch jobs and the technical and database components on which they are dependent must be managed in a systematic and controlled manner and relies on the cooperation and collaboration of many groups. The following steps define our high level approach towards managing this portion of the WINSTAR project:

Phase		Step
Analysis	1	Identify interface requirements, transfer details including schedule and frequency, and timeline.
Development	2	Meet with partner agencies to discuss the development and testing plans for their respective interfaces, agree on partner responsibilities and time frames for collaborative testing
	3	Systems team develops interface with partner.
Testing	4	Perform Unit Testing to determine if connection will meet requirements, is functional, and secure.
	5	With the assistance of the partner agency / entity, perform System Integration Testing.
	6	Perform User Acceptance Testing to confirm accuracy
Production	7	Systems moves to production environment.
Maintenance	8	Systems monitors interface and maintains security of the connection.

5.1 Interface Testing

5.1.1   Unit Testing

Unit testing is done to establish the connection and is generally a part of the development process. Unit testing is accomplished in accordance with the iterative development process. Since testing an interface relies on an external input, Unit Testers use mocked up files in place of actual files from the partner agency/entity's system. These files use precisely the same file layout as that of the interface partner and accommodate multiple scenarios for a comprehensive test.

Before moving to the next phase, System Integration Testing, the interface components must demonstrate a successful completion of Unit Testing as proof that all functions produce the expected results.

5.1.2   System Integration Testing

System Integration Testing consists of comprehensive set of scenarios that include regression and negative tests. Unlike Unit Testing, interface components that are promoted to the System Integration Testing phase undergo a two-stage approach aimed at ensuring that the desired functionality remains intact.

The first stage involves the creation of mocked up files for use in initiating the interface's batch processing and fully executing and documenting all scenarios as identified in the test script. After the successful completion of this initial stage and once the interface component's functionality has been confirmed as correct Systems then proceeds to coordinate with the interface partner

to execute the second stage of System Integration Testing. In this second stage, the interface partner coordinates the transmission of a test file to WinSTAR environment. These files are then used by the Systems team to again execute all applicable scenarios from the test scripts created by the Systems team.

5.1.3   User Acceptance Testing

The Research and Development team will then State will have the opportunity to perform its own testing of converted interface components as part of the User Acceptance Testing phase. The State is responsible for creating its own test scripts and coordinating with the interface partners in the transmission of files. Protech will provide any support needed including workstation configuration support, technical support, and/or the provision of testing script templates. The UAT Test Plan provides full details on how to plan and perform the testing.