



USDOL-NASWA Interstate
Connection Network

2022

**ICON PROGRAMMER
TECH TALKS**





Topics to be Covered in Today's Presentation

- ❖ USDOL: ICON Partnership
- ❖ Getting Reacquainted: SSO&ICON Information
 - ❖ All Aboard: Brief ICON Overview
 - ❖ Looking Ahead: ICON Modernization



US Department of Labor (USDOL) ICON Partnership

Presenter
Lea Robin Clary, USDOL UI Program
Specialist



Purpose:

Introduction

- Partnership: Rights and responsibilities are shared equally in terms of management and decision making
- Advantages:
 - Large Resources
 - Flexibility
 - Combination of different skills

Our Collective Goal

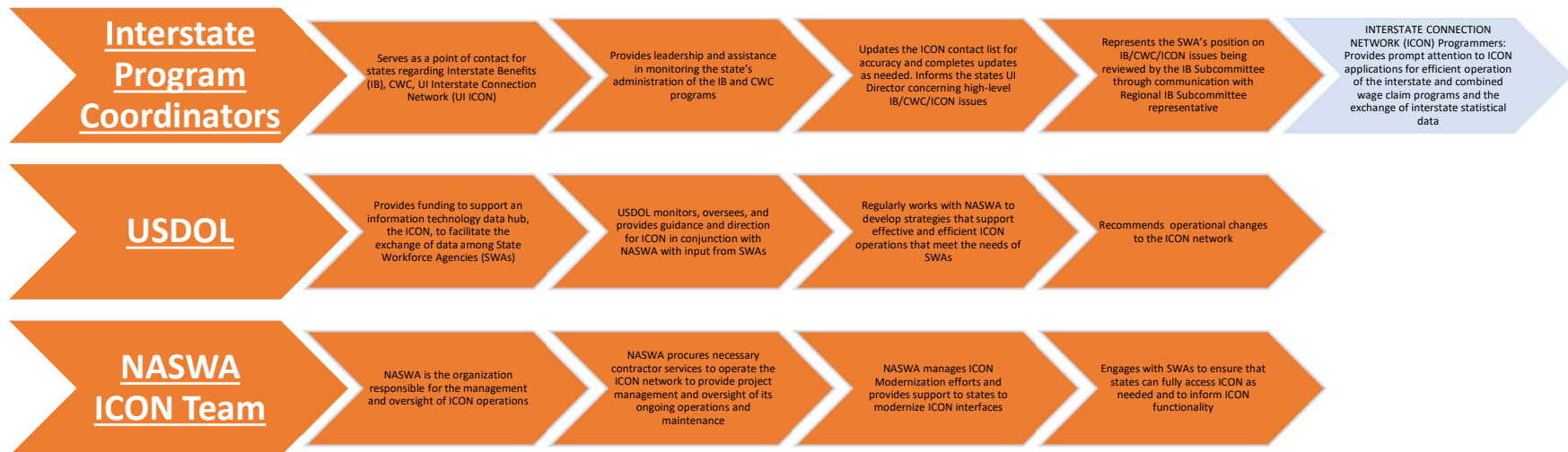
- Effective partnerships and engagement to advance progress on issues requiring:
 - Change
 - Adoption
 - Scaling up

Desired Outcome:

- Engagement through consensus which helps to build relationships across roles and levels to broaden the areas of impact and supports sustainability efforts



ICON Partnership: Roles





Resources

Recently Released Advisories and Memorandums

- [Click Here](#)

Updated ETA Advisories

- [Click Here](#)

ETA Notice Alerts

- [UIPL Advisory Notifications](#)

UI Community of Practice

- [Click Here](#)



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Next Steps

Getting Reacquainted:

- Paula Hobdy, UI-ICON Support Team, will provide a training on the UI-ICON Web Portal and the Single Sign-On websites. A brief review of the UI-ICON website will also be presented.

All Aboard:

- Martha Stephens, UI-ICON Support Team, will guide us through an ICON overview.

Looking Ahead:

- Blake Dunham, ICON Technical Lead, will deliver a brief overview of the ICON Modernization project.

**UI-ICON WEB
PORTAL**

SSO WEBSITES

**UI-ICON INFO
WEBSITE**

ICON Programmer Tech Talks



The purpose of this training is to review the UI-ICON Web Portal and the Single Sign-On websites.

We will also review the UI-ICON INFO site, which you can think of as your one-stop shop for any UI-ICON Information



UI-ICON Web Portal

<https://www.ui-icon.org>

Single Sign-On (SSO) website

- Single Sign-On means that you have one User ID and one password to access all ICON websites that your State Point Of Contact (POC) has approved .

Note: State POC is usually your Interstate Program Coordinator (IPC)



UI-ICON Websites

Applications:

- » [Web Portal](#)
- » [UImail](#)
- » [FCCC Exceptions](#)
- » [WIC2 Add/Update](#)
- » [FCCC Type 1-6 Data Entry Add/Edit](#)
- » [UI-ICON Info](#)
- » [Military-State Data Exchange System -- ICON Personnel](#)
- » [IB8606 Admin](#)
- » [CWC 02-12 Read/Write User](#)
- » [ClaimsTaking Handbook Read-only User](#)
- » [ClaimsTaking Handbook Read/Write User](#)
- » [ClaimsTaking Handbook Section D Access](#)
- » [Overpayment Handbook Read-only User](#)
- » [Overpayment Handbook Read/Write User](#)
- » [Vessels - Read-only User](#)
- » [Vessels - Read/Write User](#)
- » [IB-14 Read/Write](#)
- » [UI-ICON Program Management Office](#)
- » [FSDES ICON](#)
- » [FSDES -- Customer Test Environment -- ICON](#)
- « [Logout](#)



Each one of the
ICON websites have their own
Navigation area
which includes a link back to
the UI-ICON web portal so that
you may switch between
ICON websites easily

Sample Website Navigation

IB8606

- [My account](#)
 - [Contact Us](#)
 - [Home](#)
 - ▼ [IB8606](#)
 - [View Interstate Overpayment Report](#)
 - [Search/View/Complete Existing Recovery Requests](#)
 - [Create new 8606 Request](#)
 - [Edit My State Profile](#)
 - [View State Profiles](#)
 - [User Manuals/Guides](#)
 - [Log out](#)
-
- ### UI-ICON Links
- [UI-ICON Web Portal](#)
 - [Change Password](#)

UI-ICON INFO

- ### Main menu
- [My account](#)
 - [Contact Us](#)
 - [2018 Boot Camp](#)
 - [2019 Boot Camp](#)
 - [2020 Virtual Boot Camp](#)
 - [2021 Training](#)
 - [2022 ICON Tech Talks](#)
 - [Acronym List](#)
 - [Application Info](#)
 - [ETA Handbooks/Directives \(UIPLs etc\)](#)
 - [IB Subcommittee](#)
 - [IPC/FPC Info](#)
 - [IRORA](#)
 - [UI Modernization](#)
 - [Web Services](#)
 - [Log out](#)
-
- ### UI-ICON Links
- [UI-ICON Web Portal](#)
 - [Change Password](#)

MSDES

- [My account](#)
 - [Contact Us](#)
 - [Home](#)
 - ▼ [MSDES](#)
 - [My Work Items \(175\)](#)
 - ▼ [Claims Documents](#)
 - [Add State Acknowledgement](#)
 - [Search/View/Edit](#)
 - ▼ [Claims Batch Upload/Download](#)
 - [Download Most Recent Claims Batch Files](#)
 - [Upload Claims Batch Files](#)
 - ▼ [Calendar Quarterly Billing Documents](#)
 - [C-QB Search](#)
 - [C-QB Upload](#)
 - [User Manuals/Guides](#)
 - [Log out](#)
-
- ### UI-ICON Links
- [UI-ICON Web Portal](#)
 - [Change Password](#)

Create New Account

If you don't have a login ID for any of our UI-ICON websites you should go to the web portal page <https://www.ui-icon.org> click "Create New Account", complete all fields, select which account type you want access to and click "Create Account"



Create New Account:

First Name:

Last Name:

E-mail Address:

Telephone:

Address:

City, State:

ZIP Code:

Secret Question:

Your Answer:

Account Type: UImail
 FCCC Exceptions
 WIC2
 FCCC Request Record Add/Edit
 UI-ICON Info

Two red arrows are overlaid on the form: one points from the left towards the 'Account Type' dropdown menu, and another points from the left towards the 'Create Account' button.

UI-ICON INFO Website



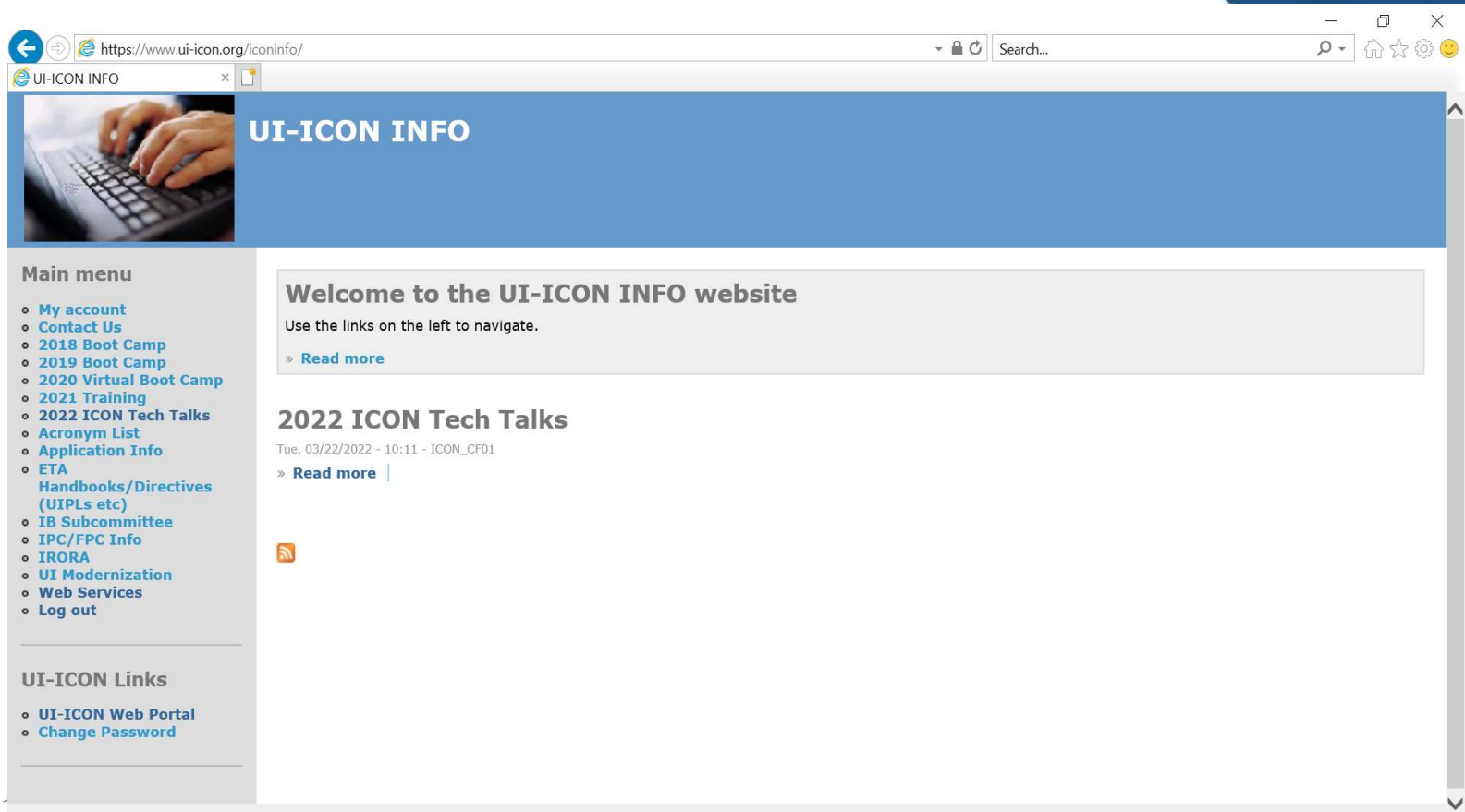
UI-ICON INFO SITE

The UI-ICON INFO Site was established as a one-stop shop for any/all UI-ICON information:

- ✓ Acronym list
- ✓ Boot Camp Training Presentations
- ✓ UI Modernization
- ✓ Application Info:
 - Training presentations, User Guides, Quick Reference Guides, Installation Guides, Modernization Guides, Insight on ICON
- ✓ IPC/FPC Info
- ✓ Link to obtain ETA Handbooks & DIRECTIVES (UIPLs etc)
- ✓ IRORA info

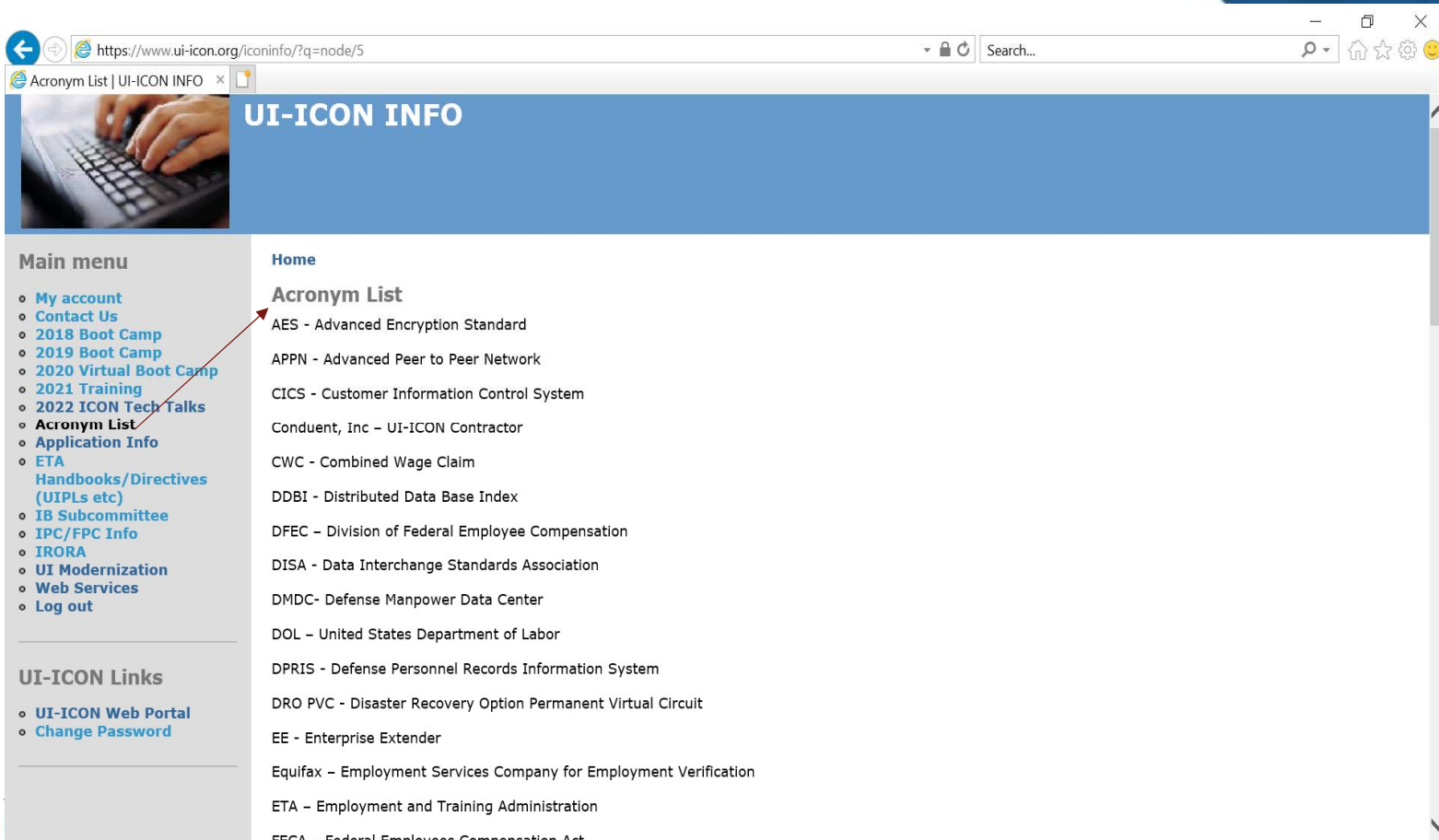


UI-ICON INFO



The screenshot shows a web browser window with the URL <https://www.ui-icon.org/iconinfo/>. The browser's address bar includes navigation icons (back, forward, refresh) and a search field. The website's header features a blue banner with the text "UI-ICON INFO" and a small image of hands typing on a keyboard. Below the banner is a "Main menu" with a list of links: My account, Contact Us, 2018 Boot Camp, 2019 Boot Camp, 2020 Virtual Boot Camp, 2021 Training, 2022 ICON Tech Talks, Acronym List, Application Info, ETA Handbooks/Directives (UIPLs etc), IB Subcommittee, IPC/FPC Info, IRORA, UI Modernization, Web Services, and Log out. Below the menu is a "UI-ICON Links" section with links to the UI-ICON Web Portal and Change Password. The main content area has a grey box with the heading "Welcome to the UI-ICON INFO website" and the text "Use the links on the left to navigate." with a "Read more" link. Below this is a section for "2022 ICON Tech Talks" dated Tue, 03/22/2022 - 10:11 - ICON_CF01, also with a "Read more" link. A small orange RSS icon is visible below the date.

ACRONYMS



https://www.ui-icon.org/iconinfo/?q=node/5

Acronym List | UI-ICON INFO

UI-ICON INFO

Main menu

- My account
- Contact Us
- 2018 Boot Camp
- 2019 Boot Camp
- 2020 Virtual Boot Camp
- 2021 Training
- 2022 ICON Tech Talks
- Acronym List
- Application Info
- ETA
- Handbooks/Directives (UIPLs etc)
- IB Subcommittee
- IPC/FPC Info
- IRORA
- UI Modernization
- Web Services
- Log out

UI-ICON Links

- UI-ICON Web Portal
- Change Password

Home

Acronym List

- AES - Advanced Encryption Standard
- APPN - Advanced Peer to Peer Network
- CICS - Customer Information Control System
- Conduent, Inc - UI-ICON Contractor
- CWC - Combined Wage Claim
- DDBI - Distributed Data Base Index
- DFEC - Division of Federal Employee Compensation
- DISA - Data Interchange Standards Association
- DMDC- Defense Manpower Data Center
- DOL - United States Department of Labor
- DPRIS - Defense Personnel Records Information System
- DRO PVC - Disaster Recovery Option Permanent Virtual Circuit
- EE - Enterprise Extender
- Equifax - Employment Services Company for Employment Verification
- ETA - Employment and Training Administration
- FFCA - Federal Employees Compensation Act

UI MODERNIZATION

Browser address: <https://www.ui-icon.org/iconinfo/?q=node/40>

Page Title: UI Modernization | UI-ICON L...

Main menu

- [My account](#)
- [Contact Us](#)
- [2018 Boot Camp](#)
- [2019 Boot Camp](#)
- [2020 Virtual Boot Camp](#)
- [2021 Training](#)
- [2022 ICON Tech Talks](#)
- [Acronym List](#)
- [Application Info](#)
- [ETA Handbooks/Directives \(UIPLs etc\)](#)
- [IB Subcommittee](#)
- [IPC/FPC Info](#)
- [IRORA](#)
- **UI Modernization**
- [Web Services](#)
- [Log out](#)

UI-ICON Links

- [UI-ICON Web Portal](#)
- [Change Password](#)

Home

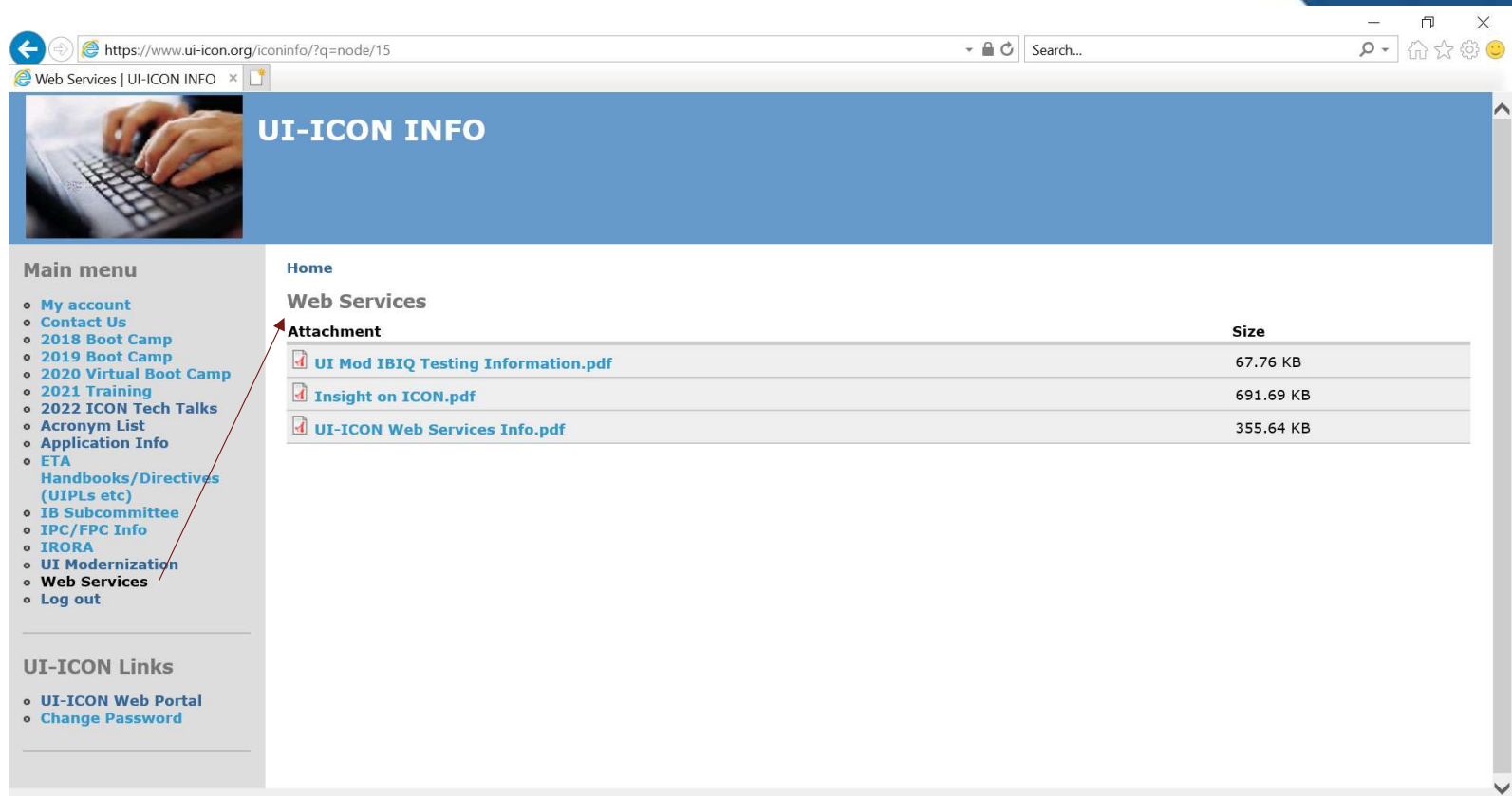
UI Modernization

Attachment

Attachment	Size
UI Mod IBIQ Testing Information.pdf	67.76 KB
IB13 UI Modernization Information.pdf	400.4 KB
LADT MOD User Guide.pdf	1.1 MB
Utah UI Modernization.pdf	824.13 KB
UT IncomingBatchMessageProcessFlow.pdf	327.03 KB
UT IntegrationTesterProcessFlow.pdf	331.76 KB
UT OutgoingBatchMessageProcessFlow.pdf	338.69 KB
UT RealTimeProcessFlow.pdf	337.06 KB
May 2019 UI-ICON SOAP Interface Data Conversion Issues.pdf	1.13 MB
SID MOD Design Guide.pdf	408.07 KB
UI Mod State Move to New System.pdf	53.93 KB
2021 July UI-ICON Modernization and Testing.pdf	2.65 MB
Insight on ICON.pdf	693.58 KB
UI-ICON Web Services Info.pdf	354.78 KB
UI-ICON SOAP.pdf	518.02 KB

[< UCFE / UCX](#)
up
[UI-ICON Info >](#)

WEB SERVICES



Web Services | UI-ICON INFO

UI-ICON INFO

Main menu




- My account
- Contact Us
- 2018 Boot Camp
- 2019 Boot Camp
- 2020 Virtual Boot Camp
- 2021 Training
- 2022 ICON Tech Talks
- Acronym List
- Application Info
- ETA Handbooks/Directives (UIPLs etc)
- IB Subcommittee
- IPC/FPC Info
- IRORA
- UI Modernization
- Web Services**
- Log out

UI-ICON Links

- UI-ICON Web Portal
- Change Password

Home

Web Services

Attachment	Size
 UI Mod IBIQ Testing Information.pdf	67.76 KB
 Insight on ICON.pdf	691.69 KB
 UI-ICON Web Services Info.pdf	355.64 KB

APPLICATION INFO AVAILABLE

https://www.ui-icon.org/iconinfo/?q=node/24

UI-ICON INFO

Home » Application Info

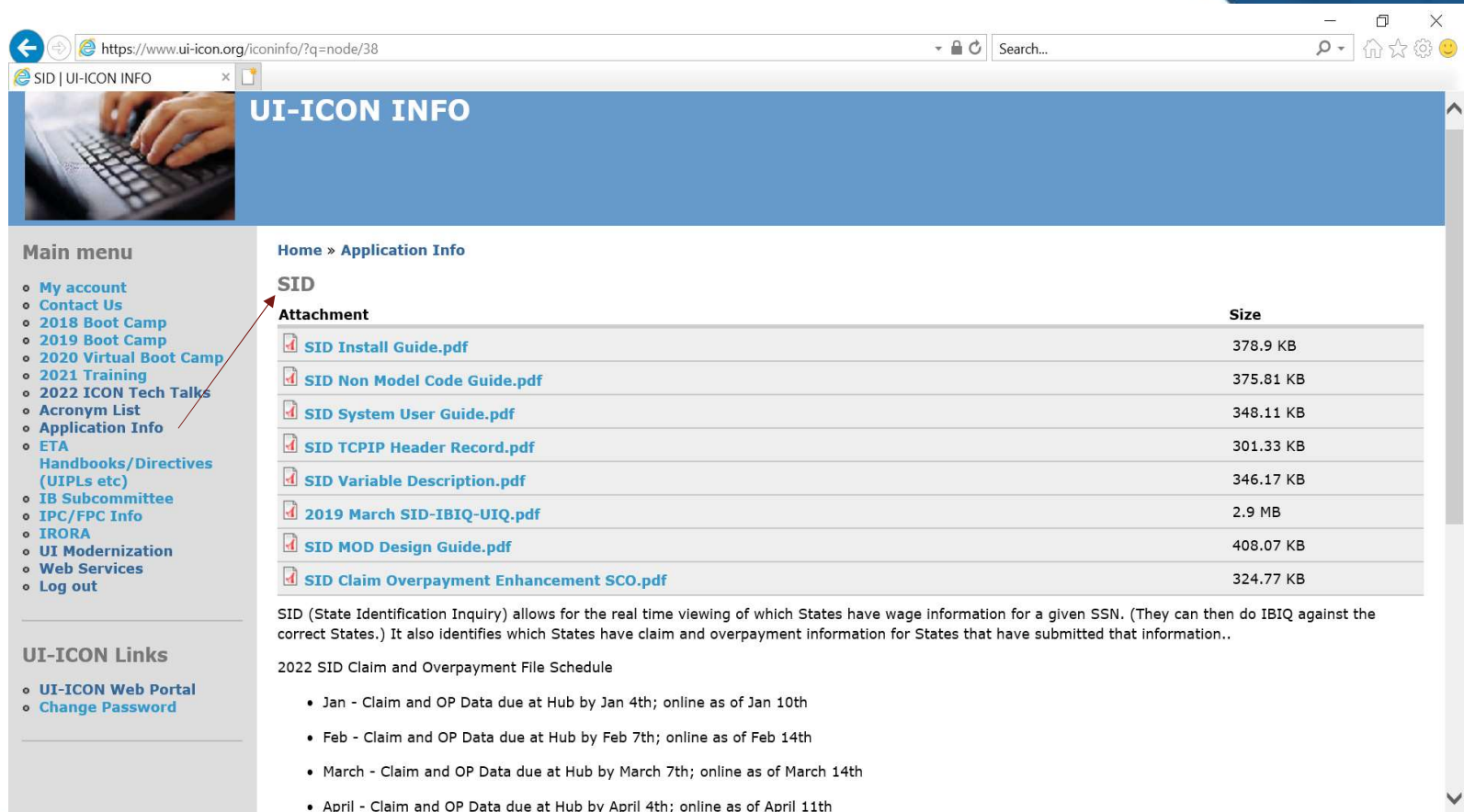
IB4

Attachment	Size
IB4 IB5 User Training Feb 2019.pdf	3.49 MB
2019 Feb IB4-IB5 IT Training.pdf	1.25 MB
IB4 Install Guide.pdf	769.14 KB
IB4 System User Guide.pdf	1.52 MB
IB4 Variable Description.pdf	440.36 KB

IB4 is the combined wage claim transfer wage request and response. It is used for the filing of new combined wage claims (wages in more than one State combined for the claim). The IB4 subsystem is used to create, print, resend and view IB4 requests and responses. It also allows for the online update and release of IB4R responses.

< [IB14](#) [up](#) [IB5](#) >

APPLICATION INFO AVAILABLE



The screenshot shows a web browser window with the URL <https://www.ui-icon.org/iconinfo/?q=node/38>. The page title is "UI-ICON INFO". The main content area is titled "Home » Application Info" and "SID". Below this is a table of attachments:

Attachment	Size
SID Install Guide.pdf	378.9 KB
SID Non Model Code Guide.pdf	375.81 KB
SID System User Guide.pdf	348.11 KB
SID TCPIP Header Record.pdf	301.33 KB
SID Variable Description.pdf	346.17 KB
2019 March SID-IBIQ-UIQ.pdf	2.9 MB
SID MOD Design Guide.pdf	408.07 KB
SID Claim Overpayment Enhancement SCO.pdf	324.77 KB

Below the table, there is a paragraph explaining SID (State Identification Inquiry) and a section titled "2022 SID Claim and Overpayment File Schedule" with a bulleted list of dates:

- Jan - Claim and OP Data due at Hub by Jan 4th; online as of Jan 10th
- Feb - Claim and OP Data due at Hub by Feb 7th; online as of Feb 14th
- March - Claim and OP Data due at Hub by March 7th; online as of March 14th
- April - Claim and OP Data due at Hub by April 4th; online as of April 11th

The left sidebar contains a "Main menu" with links such as "My account", "Contact Us", "2018 Boot Camp", "2019 Boot Camp", "2020 Virtual Boot Camp", "2021 Training", "2022 ICON Tech Talks", "Acronym List", "Application Info", "ETA Handbooks/Directives (UIPLs etc)", "IB Subcommittee", "IPC/FPC Info", "IRORA", "UI Modernization", "Web Services", and "Log out". There is also a "UI-ICON Links" section with "UI-ICON Web Portal" and "Change Password". A red arrow points from the "Application Info" link in the main menu to the "Attachment" column header in the table.

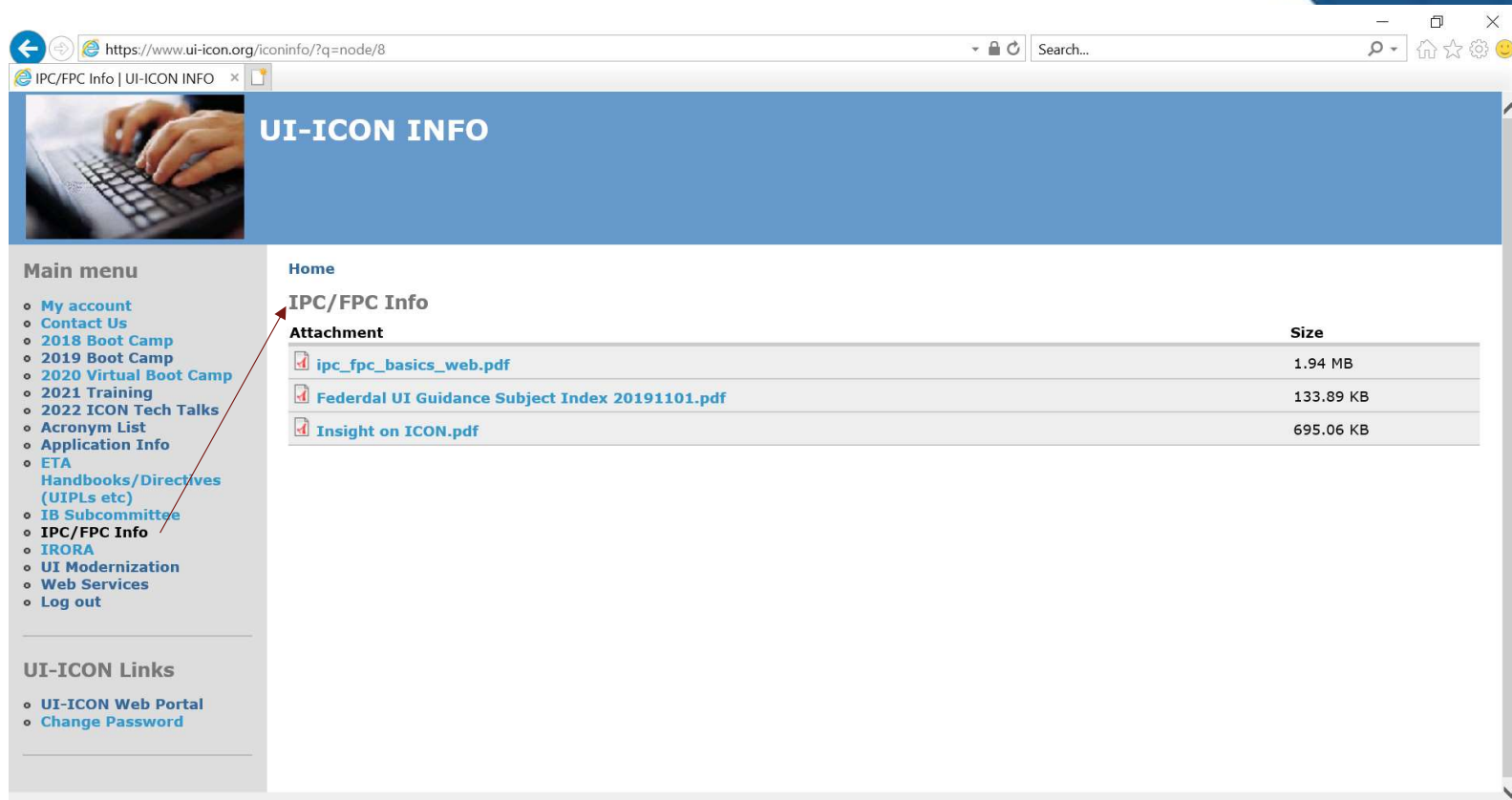
2019 BOOT CAMP

Home

2019 Boot Camp

Attachment	Size
2019 Boot Camp HCTC.pdf	1.06 MB
2019 Boot Camp LADT.pdf	2.6 MB
2019 Boot Camp SWIS.pdf	1.72 MB
2019 Boot Camp IB6 IT.pdf	2.55 MB
2019 Boot Camp Insight on ICON.pdf	1.35 MB
2019 Boot Camp Interstate Crossmatch.pdf	3.61 MB
2019 Boot Camp SID Schema Walkthrough.pdf	961.19 KB
2019 Boot Camp SID-IBIQ.pdf	3.01 MB
2019 Boot Camp SSA-IBIQ-UIQ.pdf	1.38 MB
2019 Boot Camp UCFE IT.pdf	2.96 MB
2019 Boot Camp Webservices Part 1 - Crash Course.pdf	786.4 KB
2019 Boot Camp Webservices Part 2 - UIICON Webservices.pdf	693.09 KB
2019 Boot Camp WIC2.pdf	1.65 MB
2019 ICON Boot Camp USDOL UI Program & Interstate Intro.pdf	1.36 MB
2019 UI-ICON Basic Presentation 08-24-19.pdf	6.29 MB

IPC/FPC INFO



The screenshot shows a web browser window with the URL <https://www.ui-icon.org/iconinfo/?q=node/8>. The page title is "IPC/FPC Info | UI-ICON INFO". The main content area is titled "UI-ICON INFO" and features a "Main menu" on the left and a "Home" section on the right. The "Home" section displays "IPC/FPC Info" and a table of attachments. A red arrow points from the "IPC/FPC Info" link in the main menu to the "IPC/FPC Info" heading in the home section.

Main menu

- [My account](#)
- [Contact Us](#)
- [2018 Boot Camp](#)
- [2019 Boot Camp](#)
- [2020 Virtual Boot Camp](#)
- [2021 Training](#)
- [2022 ICON Tech Talks](#)
- [Acronym List](#)
- [Application Info](#)
- [ETA Handbooks/Directives \(UIPLs etc\)](#)
- [IB Subcommittee](#)
- [IPC/FPC Info](#)
- [IRORA](#)
- [UI Modernization](#)
- [Web Services](#)
- [Log out](#)

UI-ICON Links

- [UI-ICON Web Portal](#)
- [Change Password](#)

Home

IPC/FPC Info

Attachment	Size
ipc_fpc_basics_web.pdf	1.94 MB
Federal UI Guidance Subject Index 20191101.pdf	133.89 KB
Insight on ICON.pdf	695.06 KB

ETA HANDBOOKS & ADVISORIES

Home

ETA Handbooks/Directives

Please visit http://wdr.doleta.gov/directives/ETA_Handbook.cfm to view the ETA Handbooks site.

Please visit <http://wdr.doleta.gov/directives/> to view the ETA Directives site to find Advisories, Directives, and UIPLs.

ETA Advisories

- View All Advisories
- View All WIOA Related Advisories
- Changes made to existing ETA Advisories
- Description of the ETA Advisory System
- Most recent ETA Advisory Checklist
- Employment and Training Handbooks

Keyword Search

Select Year

ALL
2016
2015

Select Advisory

DINAP ESPL
 GAL MSFW
 OWB RAL
 TEIN TEN
 TEGL UIPL

List

Search for an Advisory by type and Year

All Active Cancelled
 WIOA Operating Guidance

Current Advisories

TEN - Training & Employment Notice	ALL
TEGL - Training & Employment Guidance Letter	2016
UIPL - Unemployment Insurance Program Letter	2015
	2014
	2013
	2012
	2011
	2010
	2009
	2008
	2007
	2006
	2005
	2004
	2003
	2002
	2001
	2000

Historical Advisories

DINAP - Indian and Native American Programs Bulletins
ESPL - Employment Service Program Letter
GAL - General Administration Letter
MSFW - Migrant and Seasonal Farmworkers Bulletins
OWB - Older Worker Bulletins
RAL - Reports and Analysis Letter
TEIN - Training & Employment Information Notice

UNITED STATES DEPARTMENT OF LABOR
Employment & Training Administration

ETA Home Find Job & Career Info Business & Industry Workforce Professionals Grants & Contracts TAA Pr

ETA Home > directives > Directives and Correspondence Search Results

Advisories and Memorandums

Advisory and Program Year search results

You are searching for **ETA Handbook**

- ET HANDBOOK No. 301**
Subject: UI Performs: Benefits Timeliness and Quality Nonm
Source Date: July 29, 2005
 - [ET HANDBOOK No. 301, 5th Edition](#)
 - [ET HANDBOOK No. 301, 5th Edition, Change 1](#)
- ET HANDBOOK No. 315**
Subject: Part D, Chapter III of Handbook on the Trade Adjus
Source Date: October 29, 1997
- ET HANDBOOK No. 336**
Subject: Revisions to Employment and Training (ET) Handbo
Quality Service Plan (SQSP) Planning and Reporting Guideline
Source Date: December 4, 2009
 - [ET HANDBOOK No. 336, 18th Edition](#)
- ET HANDBOOK No. 356**
Subject: Disaster Unemployment Assistance (DUA)

Contact Information

UI-ICON Support Desk
1-800-327-9250 Option 2
ui.support@conduent.com
(please no PII in email)



UI-ICON Overview

March 30 2022 ICON Tech Talk



UI-ICON Network

The UI Program uses the ICON network to facilitate State Workforce Agencies (SWAs) exchanging information needed to process:

- ❖ Interstate Benefits for Combined Wage Claims (CWC)
- ❖ Unemployment Compensation for Federal Employees Wage Transfer (UCFE)
- ❖ Unemployment Compensation for ex-Military (UCX)
- ❖ Other UI-related information between SWAs and Federal Agencies (ex: HCTC)

UI-ICON Network Applications

Batch Applications:

- ❖ IB Delivery
 - ❖ IB4, IB5, IB13, (send IB1 to VI)
- ❖ LADT
- ❖ UCFE
- ❖ IB6
- ❖ UCX/XFE
- ❖ Interstate Quarterly Crossmatch
- ❖ Reemployment Crossmatch
- ❖ SWIS
- ❖ HCTC

UI-ICON Network Applications

Real-Time Applications:

- ❖ UIQ
- ❖ SID
- ❖ IBIQ
- ❖ WIC2

Files States send in to support both batch and real-time applications

- ❖ Monthly SID Claim and Overpayment file (SCO)
- ❖ Quarterly Distributed DataBase Index file (DDBI)

State Data Sharing Agreements

- ❖ Interstate Data Exchange
 - ❖ Interstate Information Exchange Agreement (IIEA)
- ❖ Social Security Administration Data Exchange
 - ❖ UIQ Data Sharing Agreement
 - ❖ IBIQ State Data Sharing Agreement
 - ❖ PUPS Data Sharing Agreement
 - ❖ SSA Certification
- ❖ State Wage Interchange System Data Exchange (SWIS)
 - ❖ SWIS Data Sharing Agreement

UI-ICON Communications Methods

- ❖ Batch Data
 - ❖ Web Services
 - ❖ SFTP
 - ❖ FTPS
 - ❖ NJE

- ❖ Real-time Data
 - ❖ Web Services
 - ❖ SOAP
 - ❖ TCP/IP
 - ❖ LU6.2 (CICS)

- ❖ The UI-ICON Hub supports States sending data per application, meaning you can send some of your applications one way and others another way. Your State will receive the data in the way that you sent it

STATE	SID	IBIQ	WIC2	UIQ	IB Delvry	LADT	IB6	UCX	UCFE	XM	ReemXM	HCTC	DDBI	SIDSCO	SWIS
12/16/2021															
AR	LU6.2	LU6.2	LU6.2	LU6.2	sFTP	sFTP	sFTP	sFTP	sFTP	SNA/EE		sFTP	SNA/EE	SNA/EE	SNA/EE
AK	SOAP	SOAP	SOAP	WebSrv	FTPS	FTPS	FTPS	FTPS	FTPS				FTPS	FTPS	FTPS
AL	WebSrv	WebSrv	WebSrv		WebSrv	WebSrv	WebSrv	WebSrv	WebSrv				WebSrv	WebSrv	WebSrv
AZ	WebSrv	WebSrv	WebSrv	WebSrv	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE
CA		SOAP	website	SOAP/WS	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE
CO	WebSrv	WebSrv	WebSrv	WebSrv	FTPS	FTPS	FTPS	FTPS	FTPS	FTPS		FTPS	FTPS	FTPS	FTPS
CT	LU6.2	LU6.2	LU6.2		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
DC	LU6.2	LU6.2	website		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE
DE	LU6.2	LU6.2	LU6.2		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE
FL	WebSrv	WebSrv	WebSrv	WebSrv2	FTP	FTP	FTP	FTP	FTP	FTP		FTP	sFTP	FTP	sFTP
GA	WebSrv	WebSrv	WebSrv		sFTP	sFTP	sFTP	sFTP	sFTP	sFTP		sFTP	sFTP	sFTP	sFTP
HI	WebSrv	WebSrv	WebSrv		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
IA	WebSrv	WebSrv	WebSrv	WebSrv	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE
ID	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv		WebSrv	WebSrv	WebSrv	WebSrv
IL	LU6.2	LU6.2	LU6.2	SOAP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP
IN	SOAP	SOAP	SOAP	SOAP	FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
KS	LU6.2	LU6.2	LU6.2		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE
KY	LU6.2	LU6.2	LU6.2		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE			SNA/EE	SNA/EE	SNA/EE	SNA/EE
LA	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv		WebSrv	SNA/EE	WebSrv	SNA/EE
MA	WebSrv	WebSrv	WebSrv	WebSrv	FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
ME	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv			WebSrv	WebSrv	WebSrv	WebSrv
MI	WebSrv	WebSrv	website	WebSrv	FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
MD	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	sFTP	WebSrv	WebSrv	WebSrv	WS/SFTP		sFTP	sFTP	WebSrv	sFTP
MT	WebSrv	WebSrv	website	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv		WebSrv	WebSrv	WebSrv	WebSrv
MO	WebSrv	WebSrv	WebSrv	WebSrv	FTPS	FTPS	FTPS	FTPS	FTPS	FTPS		FTPS	FTPS	FTPS	FTPS
MN	SOAP	SOAP	SOAP	SOAP	FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
MS	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv			WebSrv	WebSrv	WebSrv	WebSrv
NC	WebSrv	WebSrv	WebSrv	WebSrv	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP		sFTP	sFTP	sFTP	sFTP



STATE	SID	IBIQ	WIC2	UIQ	IB Delvry	LADT	IB6	UCX	UCFE	XM	ReemXM	HCTC	DDBI	SIDSCO	SWIS
NE	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv		WebSrv	WebSrv	WebSrv	WebSrv
NH	WebSrv	WebSrv	website	WebSrv	FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
ND		SOAP	website		FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
NJ	LU6.2	LU6.2	LU6.2	TCP/IP	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
NM	WebSrv	WebSrv	WebSrv	WebSrv	FTP	FTP	FTP	FTP	FTP			FTP	FTP	FTP	FTP
NV	WebSrv	WebSrv	WebSrv	WebSrv	FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
NY	WebSrv2	WebSrv	WebSrv		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
OR	LU6.2	LU6.2	LU6.2	LU6.2	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
OK		TCP/IP	website		FTP	FTP	FTP	FTP	FTP	FTP	FTP	FTP	FTP		FTP
OH		WebSrv	WebSrv	WebSrv	FTP	FTP	FTP	FTP	FTP	FTP		FTP	sFTP	FTP	sFTP
PA	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv		WebSrv	WebSrv	WebSrv	WebSrv
PR	LU6.2	LU6.2	website	LU6.2	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SWIS
RI	LU6.2	LU6.2	LU6.2	LU6.2	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
SC	WebSrv	WebSrv	WebSrv	WebSrv	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP
SD	WebSrv	WebSrv	website	LU6.2	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
TN	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv		WebSrv	WebSrv	WebSrv	WebSrv
TX	LU6.2	LU6.2	LU6.2		SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
UT	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv			sFTP	WebSrv	sFTP
VA	WebSrv	WebSrv	website	WebSrv	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP		sFTP	sFTP	sFTP	sFTP
VT	LU6.2	LU6.2	website	LU6.2	FTP	FTP	FTP	FTP	FTP	FTP		FTP	FTP	FTP	FTP
VI	WebSrv	WebSrv			FTP	FTP		WebSrv					WebSrv	WebSrv	
WA	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv	WebSrv		WebSrv	WebSrv	WebSrv	WebSrv
WI	SOAP	LU6.2	SOAP	SOAP	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
WV	LU6.2	LU6.2	LU6.2	LU62/WS	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE	SNA/EE		SNA/EE	SNA/EE	SNA/EE	SNA/EE
WY	TCP/IP	TCP/IP	TCP/IP	TCP/IP	sFTP	sFTP	sFTP	sFTP	sFTP	sFTP		sFTP	sFTP	sFTP	sFTP



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State Data Sharing

Each State is responsible for the accuracy of your outgoing data and to ensure it's compliant with your State's and Federal regulations and laws.

UCFE

- ❖ States send in 931, 931A and 934 UCFE requests to get the wages for the ex-federal employees as needed.
- ❖ These requests are forwarded once daily to Equifax and USPS if FICs indicate they are the recipient.
- ❖ UCFE responses of 931, 931A and 934 are sent in by Equifax and USPS once daily.
- ❖ UCFE responses are sent back to the requesting State when States kick off the process by sending in UCFE data or an empty file.

UCX/FE to the FCCC

- ❖ States send in Type 1-6 UCX and Type 1-5 UCFE records to the Federal Claims Control Center (FCCC) to see if wages are available, to request wage info and to take assignment of wages for ex military employees and to take assignment of wages if available for ex federal employees as needed.
- ❖ The FCCC sends responses to each Type 1-6 record received.

LADT Weekly Liable Data

- ❖ Monday, States send in LADT liable data for Remote Initial Claims (RIC), Weeks Claimed, Reopen/Transfer Claims and once a month, Commuter Claim Data.
- ❖ The UI-ICON Hub processes your LADT liable data as soon as you send it.
- ❖ States receive Edit Report, Error Report, Edit Summary Report for you to review your errors and warnings.

LADT Weekly Agent Data

- ❖ States receive their LADT agent data on Wed morning.
 - ❖ All LADT agent data is sent, that week's and any prior week's received that week.
- ❖ States can also request an LADT Agent Summary Report for that Sat w/e date.

Incoming LADT agent data should be processed by your State to identify claimants for reemployment services and for integrity purposes (see next slide).

LADT Weekly Agent Data

INTEGRITY:

Incoming LADT agent data can be compared (programmatically) against your State's existing UI files and existing Agent files to identify duplicate SSNs that:

- ❖ Overlap BYE
- ❖ Overlap compensable weekending paid
- ❖ Contain different first and last names.

HCTC

- ❖ States send in their eligible claimants as needed for this Health Coverage Tax Credit application.
- ❖ The IRS receives this data daily M-F
- ❖ If the IRS has any issues with your HCTC data, they contact you via IB13 sent to your State Postal Code (XX)
XX.HCTC

IB Delivery Data

- ❖ States send in IB4, IB5, IB13 (and IB1s to VI) as often as is desired.
- ❖ The UI-ICON Hub processes the incoming data and lets you know if there are duplicates and the number of each type of record received.
- ❖ Any IB Delivery data waiting for your State is sent to you. We also tell you the number of each type of record received

IB4 (Combined Wage Claim)

- ❖ States send an IB4 request to another State to ask for wages in order to combine them on the claimant's claim.
- ❖ States that receive an IB4 request, check to see if it's marked federal wages or school wages, and if not, reads their wage file to get the needed wages and sends the IB4 response with the wages.
- ❖ Mark the wages as being used by CWC in your State system

IB4 (Combined Wage Claim)

- ❖ States that sent the original IB4 request receives the IB4 response and if edits are passed, loads that to your benefit system, marking the wages as being received via CWC.
- ❖ Generate notice claimant letters if no wages in base period or existing benefit year in effect.
- ❖ Possibly withdraw claim if Existing Benefit Year is flagged.
- ❖ Possibly create issue transactions for updating Automated Benefit Payment Control system
- ❖ Possibly create transactions for resolving Monetarily Ineligible Issues
- ❖ Add to error/exception report if Federal Wages exist (informative message)
- ❖ Update the outgoing IB4 request that the response has been received.

IB4 (Combined Wage Claim)

Benefit System Considerations

- ❖ Do a Monetary when add wage transactions process
- ❖ When all IB4R Responses received for this claimant, generate IB5s.

IB5 (Combined Wage Claim)

- ❖ States send a IB5 to another State to let them know the Determination Status of the wages (Used or Returned).
- ❖ An IB5 either uses all wages or returns all wages.
- ❖ The create date/time of the IB5 is an important field on the IB6 billing.
- ❖ Keep IB5s online and available for at least 2 years as the IB6 holds the key date and time of the latest IB5 that used wages.

IB5 (Combined Wage Claim)

- ❖ Incoming IB5s should be processed first.
 - ❖ If wages are returned, they can then be marked as being available.
 - ❖ If an incoming IB4 request for the same SSN is then processed that same evening, an outgoing IB4R response can be sent with the available wages.

IB13 (Freeform Memorandum)

- ❖ States send a IB13 to another State to ask questions in a secure manner
- ❖ Federal Agencies send IB13s to States to ask about data
- ❖ The UI-ICON Hub sends IB13s to States with Directory of Federal Address Updates, Automated Handbook Updates and Overpayment Recovery Updates.
- ❖ All States should process incoming IB13s

IB1 (Initial Claim)

- ❖ States send VI an IB1 to let them know they took a claim on VI's behalf.
- ❖ All States should be able to send IB1s to VI.

IB6 (Combined Wage Claim Billing)

- ❖ States send other States IB6 data in order to get payment for claims. IB6 detail data is made up of IB5s you have been sent by that State. Each IB6 detail record carries the IB5 create date/time to direct you to that IB5.
- ❖ The IB6 data is due to other States within 45 days after the quarter end.

IB6 (Combined Wage Claim Billing)

- ❖ Your outgoing IB6 data must have all discrepancies resolved before exporting the data to the UI-ICON Hub.
- ❖ You can send data to the UI-ICON Hub multiple times in a quarter, but you can only send to a particular State once per quarter.
- ❖ All IB6 detail records (and adjustments) sent must be for the current processing year and quarter

IB6 (Combined Wage Claim Billing)

- ❖ When importing IB6 data, edit it against the IB5 to ensure it matches.
- ❖ If you can't locate the IB5, send an AUTOIB5 IB13 to request the IB5 (and check for it daily).
- ❖ Keep track of the amount that is in dispute/Amount Reconciled.

- ❖ Pay the electronic bill and send the adjustment next quarter.
- ❖ Mark an incoming State's bill as Authorized for payment when:
 - ❖ It came in with no discrepancies
 - ❖ User resolves the last discrepancy
 - ❖ Resent IB5 resolves the last discrepancy

SID SCO

- ❖ States send in their claim and overpayment files once a month.
- ❖ The UI-ICON Hub loads the Hub SID SCO file mid-month
 - ❖ States see other States' claims and overpayments on the real-time SID response
 - ❖ The State's claims are matched against other States' overpayments and a report is sent to the BPC via UIMail
 - ❖ For States that care about FECA, those States claims are matched against the FECA file

SWIS DDBI

- ❖ States send in the Quarterly Distributed DataBase Data (DDBI) . This file consists of SSNs for which your State has wages and year/quarter wage indicators. **Do not include wages received for a CWC.**

2022 DDBI Schedule

3rd qtr 2021 due at Hub by Jan 4th

Online as of Jan 10th

4th qtr 2021 due at Hub by Apr 4th

Online as of Apr 11th

1st qtr 2022 due at Hub by Jul 5th

Online as of Jul 11th

2nd qtr 2022 due at Hub by Oct 3rd

Online as of Oct 10th

SWIS

- ❖ Performance folks in your State submit requests on the SWIS website
- ❖ The requests are matched against the DDBI and forwarded to your State in the SWIS request
- ❖ As the SUIA (State Unemployment Insurance Agency), you take the incoming SWIS requests and process them against your wage files formatting the SWIS response.
- ❖ Note: Do not include wages from another State on a combined wage claim (CWC) on the SWIS response.

Quarterly Crossmatch

- ❖ States send in crossmatch request data that they want matched in other States.
- ❖ States receive crossmatch request data that other States have sent them.
- ❖ States process the requests and produce the responses which are sent in.
- ❖ States receive the crossmatch responses. Your Benefit Payment Control staff work the response data received (Hits).

- ❖ **Even if your State doesn't want to send in quarterly interstate crossmatch request data, you should pick up request data sent by other States for you and process it and send in your results(hits)**

Reemployment Crossmatch

- ❖ States send in reemployment request data that they want matched at the UI-ICON Hub.
- ❖ The UI-ICON Hub matches the request data sent against the Quarterly Distributed DataBase Data (DDBI) which is loaded quarterly
- ❖ States receive the reemployment responses. Your Benefit Payment Control staff work the response data received (Hits).

Automated Handbook

- ❖ States may maintain a copy of the Automated Claimstaking Handbook on their State system to help in the process of understanding another State's claimtaking information.
- ❖ The UI-ICON Hub also has website where States may view all States data and update their own State data (with permissions).
- ❖ If your State maintains a copy on your State system:
 - ❖ States receive updates via IB13.
 - ❖ States send in updates from their State system via IB13.

Overpayment Recovery Handbook

- ❖ States may maintain a copy of the Overpayment Recovery Handbook on their State system to help in the process of understanding how to recovery another State's overpayment on a claim.
- ❖ The UI-ICON Hub also has website where States may view all States data and update their own State data (with permissions).
- ❖ If your State maintains a copy on your State system:
 - ❖ States receive updates via IB13.
 - ❖ States send in updates from their State system via IB13.

Real Time Application - UIQ

- ❖ States send a UIQ request to SSA through the UI-ICON Hub to determine if the claimant's social security number/name and DOB are close to SSA's. This is supposed to be as part of the State's claimtaking process.
- ❖ The UI-ICON Hub hands off the UIQ request to SSA. SSA processes it and responds.
- ❖ The UI-ICON Hub sends back to the requesting State the UIQ response.
- ❖ Code for all three types of UIQ responses: returned request, error response, good response

Real Time Application - SID

- ❖ States send a SID request to the UI-ICON Hub to determine if the claimant has a claim, overpayment or wages in another State.
- ❖ The UI-ICON Hub looks at the quarterly DDBI file to see what State has wages. It looks at the monthly SID SCO file to see what States have claims and overpayments.
- ❖ Ensure you can see all fields on the SID response. (States that have wages, States that have claims, States that have overpayment, Latest quarter on file and States not participating.)
- ❖ Ensure your users can send an IBIQ request for those States that have wages.
- ❖ Ensure you clear your State's SID response file on a schedule of your choice (daily, monthly, weekly)

Real Time Application - IBIQ

- ❖ States send a IBIQ request to another State to get claim and wage information.
- ❖ When a State receives an IBIQ, it should immediately look at your claim and wage files and send the IBIQ response.
- ❖ The State receiving the IBIQ response should save that information in a daily holding file so that if it needs requested later that day, you can pull it from the daily holding file (and not resend it to that State).
- ❖ Make sure your State can invoke IBIQ against itself and see the response (without sending the data to the UI-ICON Hub). That way you can check the response data you are sending out.
- ❖ Ensure you can do IBIQ without invoking SID first.
- ❖ Ensure you are refreshing your State's IBIQ daily holding file daily

Real Time Application – WIC2

- ❖ States add a WIC2 record to the UI-ICON Hub WIC2 system when a claim has been withdrawn or invalidated.
- ❖ States inquire on the WIC2 system by sending the SSN.
- ❖ Because States can Add WIC2 records with the same SSN, different Effective Dates, you may get back more than one WIC2 record in the response to your inquiry.
- ❖ Ensure you can handle multiple WIC2 responses for the WIC2 inquiry.
- ❖ If you want to ensure your WIC2 Add worked, do an WIC2 Inquiry.
- ❖ Ensure you are clearing your State's WIC2 holding file on a regular basis (daily, weekly, monthly)

SUMMARY

- ❖ ICON and Interstate involves many applications and processes
- ❖ One application can have several procedures involved, depending on data received.
- ❖ It is up to your State to ensure you are sending good data that adheres to federal regulations and your State laws and policies.

Hub Modernization Efforts



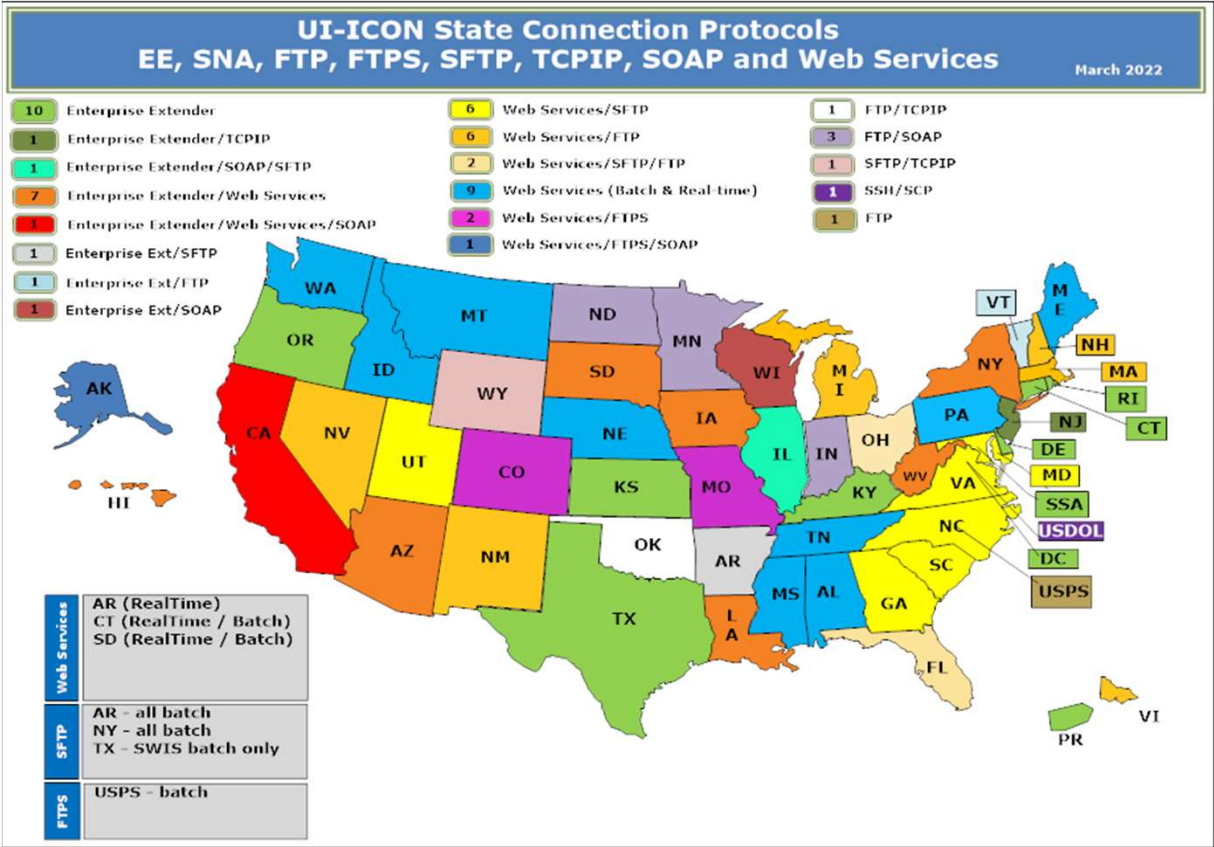
Past Modernization efforts

- Pandemic created a capacity need that the system could not handle
- Modernization and upgrade efforts have been underway ever since
- Mainframe was upgraded to a larger model capable of handling more transactions than we saw during the start of the pandemic

Current Modernization Activities

- Physical "midrange" Linux servers and supporting infrastructure migrated to the AWS cloud, using a "lift and shift" model
- MPLS connections previously in place have been moved to VPN
- Encryption improvements have been made to the VPN tunnels
- Moving VPN endpoints to an AWS firewall to route traffic to AWS
- Targeting states using unsecure methods is also being conducted to change their transmission protocols
- This increases overall security, while reducing the number of varying transmission protocols the Hub needs to process

How States Communicate with the Hub



Future Modernization Efforts

- Future solution will look to be serverless
- This provides for less technical debt in order to be flexible to the demands of the state and federal agencies
- This solution is a proactive, dynamic approach which allows the system to adjust to the ever-changing number of transactions
- This approach will set the foundation needed to expand and improve the performance and functionality of the ICON Hub

Future Modernization Efforts

- Containerized 'model' code for all states.
- Focus on Real time applications first.
- Engage IB Subcommittee, DOL partners and other state staff to aid in discovery.
- Create methods to reduce the various types of connections
- Reduce process complexity.

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Before the next ICON Tech Talk on April 27, 2022...

- Please review your SID Claim and Overpayment (SCO) file query on your system for reference at the next session
- If your State has a best practice regarding an ICON application and would like to share in a future ICON Tech Talk, please let us know by emailing ICON@naswa.org

