Florida Department of Education Single Sign-On

LEA On-Boarding Webinar Series

April 2013

Agenda

- Welcome
- Overview of FLDOE SSO
- Discuss On-Boarding Process & Key Decisions
  - Selecting an Authentication Method
  - Selecting Key Contacts
  - User Provisioning Planning
- Discuss Timeline
- Adjourn

Overview of FLDOE SSO

- One web address – www.fldoe.org/SSO
- One username and password
- Selection of FLDOE applications:
    1. CPALMS – Statewide Standards & Instructional Resource Tool
    2. eIPEP – Educator Preparation Institution Reporting Tool
    3. English Language Arts Formative Assessment
    4. FloridaSchoolLeaders.org – Leadership Development Tool
    5. Interim Assessment Item Bank Test Platform
    6. PMRN – Interim Assessment for Reading
- Separate from the district LIIS SSO minimum standards requirement

Current Experience

Username & Password Set 1 ⟶ Application 1

Username & Password Set 2 ⟶ Application 2

Username & Password Set 3 ⟶ Application 3

Username & Password Set 4 ⟶ Application 4

Username & Password Set 5 ⟶ Application 5

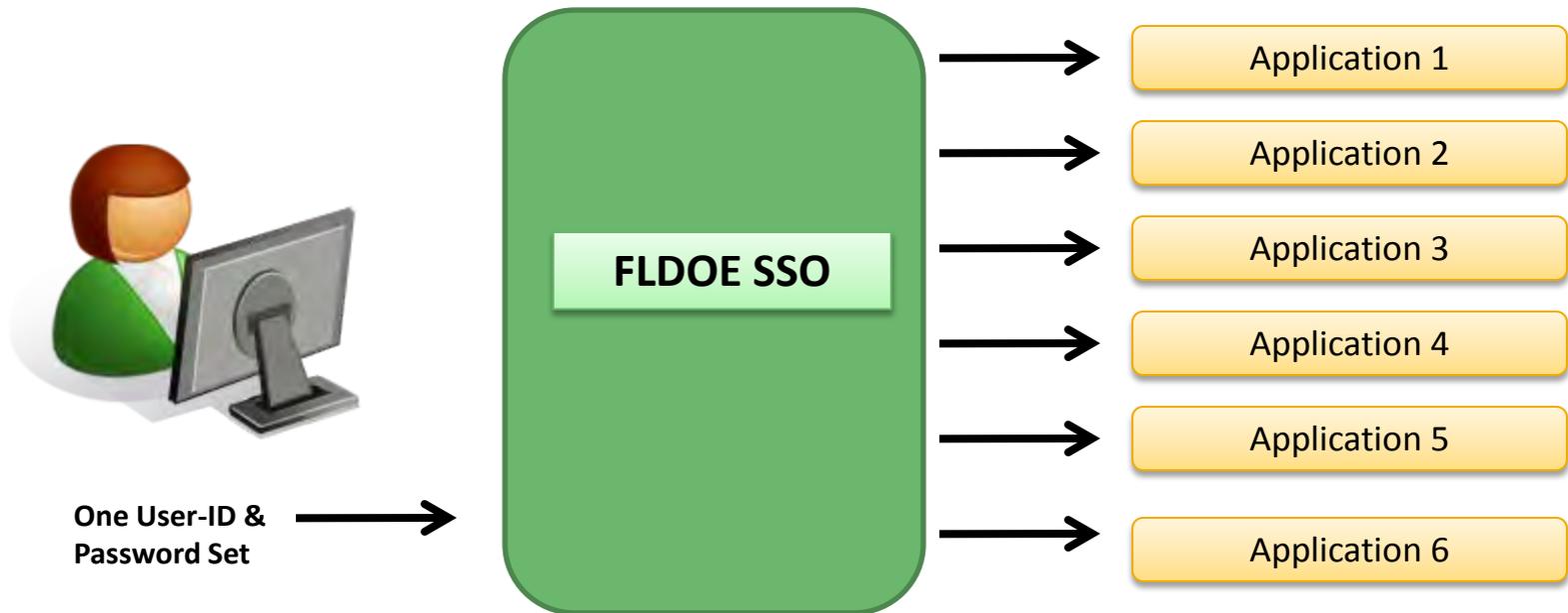**Username & Password Set 6** ⟶ Application 6

Administrators provision users separately for each application

Users go to multiple web addresses and enter separate usernames/passwords

Future Experience

FLDOE SSO

One User-ID & Password Set

Application 1
Application 2
Application 3
Application 4
Application 5
Application 6

One web address – One username and password

Access to multiple applications

Provision users from one application

On-Boarding Process

On-Boarding Process

1. LEA navigates to FLDOE SSO Communications page
www.fldoe.org/sso/communications.asp

SSO Resources

Access technical documentation; view archived webinars and training videos.

- **Hot Topic Webinars**

    1. The Florida Department of Education's Single Sign-On Solution - July and August 2012
        - Single Sign-On Solution Webinar (WMV, 102MB)
        - Single Sign-On Solution PowerPoint (PDF, 278KB)
    2. Introduction to the Florida Department of Education's Single Sign-On - June 2012
        - Introduction to Single Sign-On Webinar (WMV, 130MB)
        - Introduction to Single Sign-On PowerPoint (PDF, 489KB)

- **Tutorials**

    FLDOE-SSO Introduction
    Making a Choice

- **FAQ's**

    FLDOE SSO Frequently Asked Questions (PDF, 130KB)
    FLDOE SSO Frequently Asked Questions Regarding Charter Schools (PDF, 132KB)

- **On-Boarding Documents**

    LEA Integration and User Provisioning Specification (PDF, 308KB)
    LEA Participation Form (PDF, 135KB)
    LEA Memorandum of Understanding (PDF, 60KB)
    LEA Certificate of Readiness (PDF, 127KB)

- **LEA Contact Information**

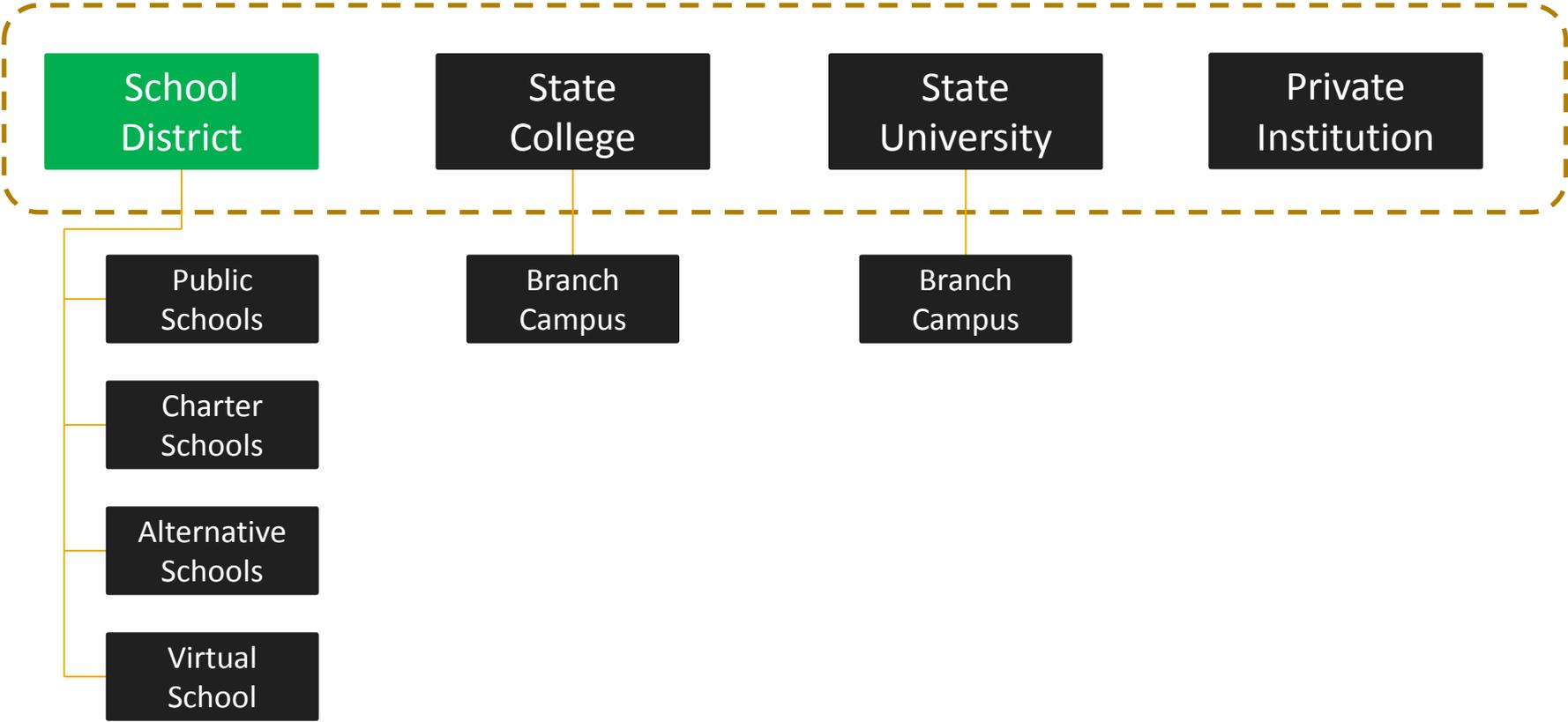   LEA Functional and Technical Leads as of 3/22/13 (PDF, 194KB)

On-Boarding Process

2. LEA submits MOU, LEA Participation Form, and WS-Federation Worksheet* (if applicable)

3. FLDOE SSO team provides SSO ID and secure file transfer account info to LEA

4. LEA prepares their Helpdesk staff and notifies end users to facilitate the transition

5. LEA submits Certificate of Readiness and sends user provisioning information

Selecting an Authentication Method

Local Education Agencies (LEAs)

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│  │  School  │   │  State   │   │  State   │   │ Private  │            │
│  │ District │   │ College  │   │University│   │Institution│           │
│  └──────────┘   └──────────┘   └──────────┘   └──────────┘            │
└─────────────────────────────────────────────────────────────────────┘
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   │Schools │      │ Campus │      │ Campus │
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   │Charter │
   │Schools │
   └────────┘
   ┌─────────┐
   │Alternative│
   │ Schools │
   └─────────┘
   ┌────────┐
   │ Virtual│
   │ School │
   └────────┘
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Authentication Options

FLDOE-Hosted

- One username and password issued by **FLDOE**

- Users authenticate with **FLDOE** to access FLDOE resources

  – www.fldoe.org/sso

WS-Federation

- One username and password issued by the **LEA**

- Users authenticate with **LEA** to access FLDOE resources

  – www.*yournetwork.org*

FLDOE-Hosted

Requirements

- User provisioning information (Identity and Authorization)

Pros

- Access through www.fldoe.org/sso
- Additional software/hardware not required
- Initial end user communication handled by FLDOE SSO

Cons

- End users will have at least 2 sets of credentials (one for FLDOE resources and one for local district resources)

Printer Friendly

American Recovery and Reinvestment Act

Available Resources

Communications and Events

Single Sign-On Home

Support

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Welcome to the Florida Department of Education's Single Sign-On (FLDOE SSO) established through a Race to the Top award by the U.S. Department of Education. Florida is pleased to make its applications and resources available to serve teachers in the classroom, leadership in schools and districts, researchers, state college and university administrators, and other education stakeholders via a single sign-on. Over the coming years, look for the number and types of resources available via this single sign-on to expand. In the meantime, learn more about Florida's Single Sign-On and upcoming activities by visiting our Communications and Events page.

With one username and password, you'll enjoy the convenience of accessing multiple FLDOE applications:

FLDOE Single Sign-On

Log In

Create Account

FLDOE Acceptable Use Policy

Curriculum & Assessments

- CPALMS
- English Language Arts Formative Assessment System
- Interim Assessment Item Bank & Test Platform
- PMRN/FAIR

Teacher & Leader Preparation

- eIPEP
- Florida School Leaders

Dashboards & Reports

- FLDOE Data Hub

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Support

FLDOE Single Sign-On

Type your username and password:

Username: [   ]

Password: [   ]

Log In

FLDOE Acceptable Use Policy

Forgot Password?

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FLDOE   Single Sign-On

Welcome Jane Doe

The resources below are available for your use based on your role and permissions. To access the resources, click the resource name.

Curriculum & Assessments

- **CPALMS**

Teacher & Leader Preparation

- **Florida School Leaders**

Dashboards & Reports

- **FLDOE Data Hub**

WS-Federation

Requirements
- User provisioning information (Identity and Authorization)
- Maintain current SAML 2.0 compliant federation service, SSL Certificate, and Code Signing Certificate
- Email accounts must be listed in local Active Directory (AD)

Pros
- End users will have same set of login credentials as local system

Cons
- AD accounts for all users, all sites
- Limited network access off-site or after hours (i.e. VPNs)
- Long-term commitment to technical resources

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Teacher & Leader Preparation

- Florida School Leaders

Dashboards & Reports

- FLDOE Data Hub

Selecting Key Contacts

LEA Leads

LEA Functional Lead

- Serves as the primary point of contact for policy, process, or approval requirements related to participation in the FLDOE SSO.

LEA Technical Lead

- Serves as the key administrative account user, responsible for user provisioning and, if their LEA has established a trust with FLDOE, managing certificate information.

The same person may not serve both roles.

User Provisioning Planning

User Provisioning Information

- Identity and Authorization information is required regardless of the authentication method selected.
- Variety of submission methods available:
  - Files
    - SFTP, FTPS, or HTTPS
    - PGP encryption (optional)
    - CSV or XML
  - FIM Portal

Identity Attributes

Field	Example	
SSO ID	54	Required
Email Address	JSmith@fldoe.org	Required
Valid User	True	Required
User Type	Staff	Required
First Name	John	Required
Middle Name	Jay	Optional
Last Name	Smith	Required
Name Suffix	Sr.	Optional
SSN	111223333	Optional
Birth Date	09011975	Optional
Site Id	1234	Required Staff & Student
Job Category	53002	Required Staff

Authorization Attributes

Field	Example	
SSO ID	54	Required
Email Address	JSmith@fldoe.org	Required
Application Id	12	Required
Role Id	10	Required
Attribute 1		Varies by Application
Attribute 2		Varies by Application
Attribute 3		Varies by Application
Attribute 4		Varies by Application
Attribute 5		Varies by Application
Attribute 6…10		Varies by Application

Delegation Model

FLDOE SSO Admin

LEA Tech Lead

LEA Admin

Location Admin
(School 1)

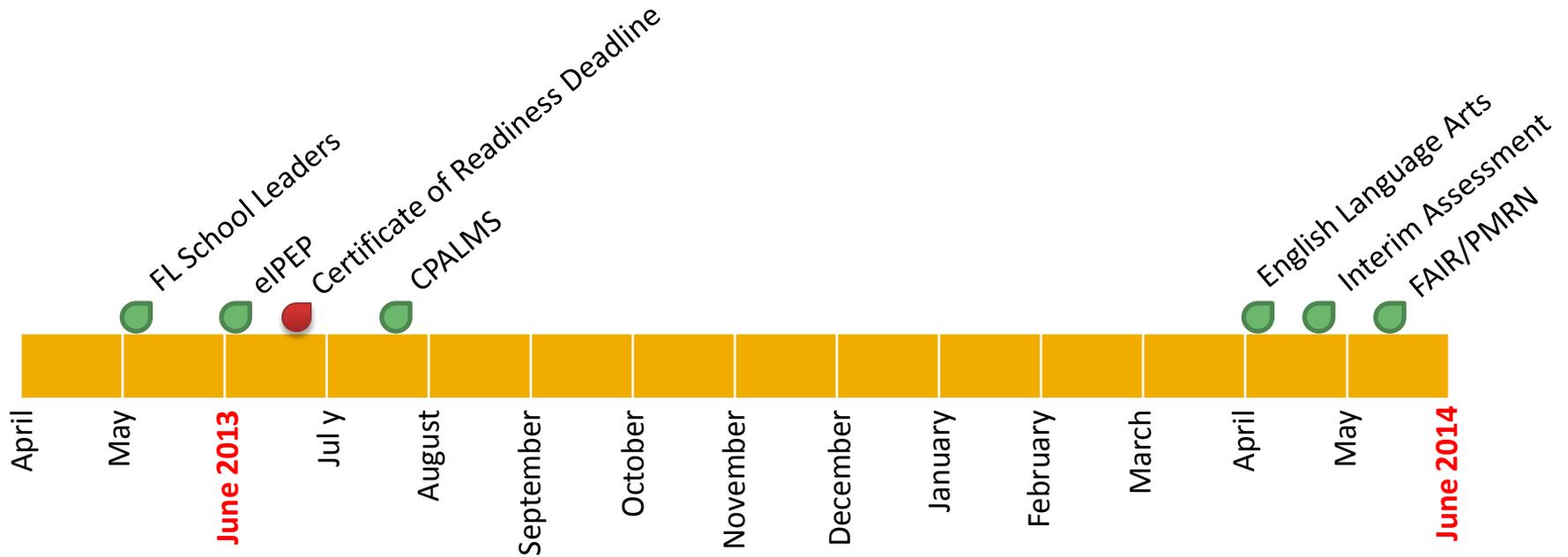**Location Admin**
(School 2)
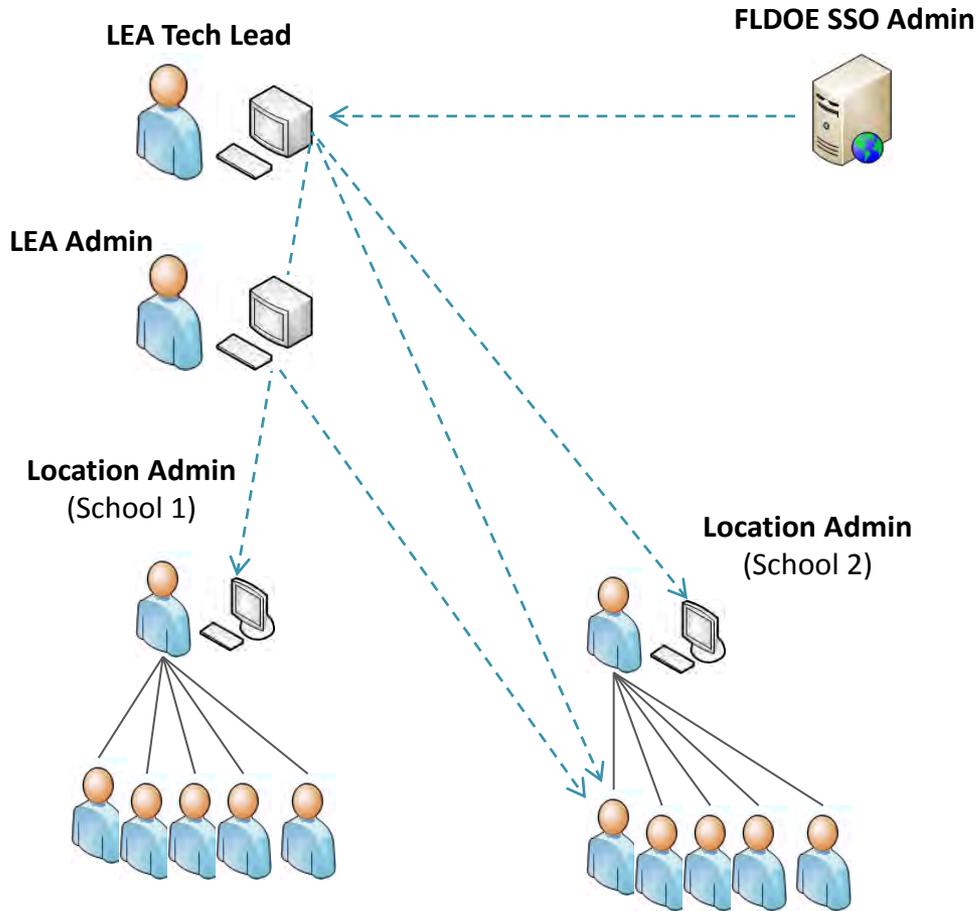
Key Points

- LEA Tech Lead can delegate authority to LEA Admins and Location Admins

- Location Admins can assign their users to groups for <u>all</u> apps

- Location Admins can use the FIM Portal to manage users but not send files; files must come from LEA Tech Lead

Timing

Application Integration Timeline

Timeline milestones:
- FL School Leaders — May
- eIPEP — June 2013
- Certificate of Readiness Deadline — July
- CPALMS — August
- English Language Arts — April
- Interim Assessment — May
- FAIR/PMRN — June 2014

Months: April, May, June 2013, July, August, September, October, November, December, January, February, March, April, May, June 2014

LEA Communication Schedule

- On-Boarding documents posted (March – May 2013):
  - MOU, LEA Participation Form, DRAFT LEA Integration and User Provisioning Spec, Readiness Certificate
- Online Resources (March – May 2013):
  - FAQs, Newsletters, Training Videos, Hot Topic Webinars, Specifications, Contacts, Sample Messages for End Users
- Conference Presentations (June 2013):
  - FAMIS
- Webinars (April – August 2013):
  - Covers on-boarding process, key decisions, how to use reports, etc.

Poll

- At this point, which authentication method are you leaning toward?
    - FLDOE-Hosted
    - WS-Federation
    - Undecided

- Will you be ready to begin on-boarding in May?
    - Yes
    - No
    - Maybe

Questions

To Learn More

FLDOE SSO Web Site

http://www.fldoe.org/SSO

Phone

(850) 245-9776

Email

FLDOE-SSO@fldoe.org

Local Systems Exchange

http://www.fldoe.org/arra/LIISMS.asp