



DEEDS RFP Pre-Bid Meeting

October 23, 2018
Room 392, Carvel Building



Delaware
Department of Education



Introductions & Agenda

Wendy Modzelewski: Education Associate, Licensure & Certification

- Overview of Licensure and Certification and Office of Early Learning

Debra Silbert: Business Analyst

- Overview of DEEDS and DPEC

Shankara Subramanian: Technology Lead

- Overview of Infrastructure

Meaghan Brennan: Education Associate, Financial Reporting and Contracting

- Proposal dates and application package

Panel Members:

Deb Rommel, Alyssa Moore, Christine Smith, Mary Cooke, Celeste Bunting



Licensure & Certification

- Licensure and Certification (L&C) group is responsible for:
 - The issuance of licenses and certificates for all educators in 42 public K-12 entities and voluntary non-public entities.
 - Final approval of graduate salary increments.
- Delaware requires:
 - A **license** – authorizes an educator to work in a Delaware public or charter school AND
 - A **certificate(s)** – identifies the content area or the group of students which you are authorized to teach.
 - A **permit** - verifies an individual's qualifications and training to serve in a specialized role.



Office of Early Learning

- The Office of Early Learning (OEL) at the Delaware Department of Education (DOE) has responsibility for credentialing professionals to work in child care programs licensed by the Office of Child Care Licensing (OCCL) in the Department of Services for Children, Youth and Their Families (DSCYF).
- Effective January 1, 2007 DOE assumed responsibility for the rules (*Delacare: Rules for Early Care and Education and School-Age Programs*) related to qualifications on behalf of OCCL.



Processing

- Processing must be accurate and timely.
- It is extremely complex.
- It requires an understanding of ever-changing code & regulation.
- It is supported by a system that automates business rules and policies while facilitating the workflow of the process.
- DDOE developed a data system for the qualifications function. Delaware Educator Data System (DEEDS) is the application used to issue and track licenses and certificates for Delaware's educators.
- Delaware Practitioners in Early Childhood (DPEC) is housed within the larger DEEDS data system.



Statistics

	2017	TOTAL
DEEDS Licenses	3,914	80,500
DEEDS Permits	768	10,700
DEEDS Certificates	4,495	202,800
DPEC Certificates	2,508	27,000
DEEDS / DPEC user accounts		118,809



Shared Controls

Numerous groups have access to DEEDS data:

- DDOE
- Districts and Charter Schools (LEAs)
- Institutes of Higher Education (IHEs)
- Educators
- Public
- Administrators



Accessibility

- DEEDS must meet the standards of Section 508 of the Rehabilitation Act of 1973, which includes the Web Content Accessibility Guidelines 2.0 (WCAG 2.0). Information about Section 508 is available from the GSA (<https://www.section508.gov>). Information about WCAG 2.0 is available at the W3C website. (<https://www.w3.org/TR/WCAG/>).



DEEDS and DPEC



Delaware
Department of Education



DEEDS and DPEC

- DEEDS was originally developed in 1997 and has been significantly modified over the last 20 years.
- DPEC was developed several years later to address similar needs in early education. DPEC was built on the same technical architecture as DEEDS and shares many of the same functions.
- DEEDS has multiple functional components:
 - DEEDS Website Portals
 - DEEDS 1.0 Desktop Application
 - DEEDS 2.0 Web Application



DEEDS Website

Current Issues:

- Outdated UI and technology
- Difficult to navigate, prompts excessive support cases
- Enhancements and system updates are complex and time consuming
- Application process needs to be streamlined and provide account status updates

The screenshot displays the DEEDS website interface. At the top, there is a banner for the State of Delaware with the text 'The Official Website of the First State' and 'Delaware Dept. of Education'. Below this, the main content area is divided into two columns. The left column contains links for 'Licensure & Certification', 'DEEDS Access', and 'Public Access'. The right column features a 'Welcome to the Delaware Educator Data System (DEEDS)' message, followed by login options for 'Educators in Delaware with an IMS Account Login' and 'Educators with DEEDS Account Login'. The 'Educators with DEEDS Account Login' section includes a 'Sign On' button and links for 'Forgot Password' and 'Forgot UserName'. Below this, there is a 'New Applicants without a DEEDS Account' section with a 'Register for a DEEDS Account' button. At the bottom, there is a 'PLEASE NOTE' section with a link to the new website address: <https://deeds.doe.k12.de.us>. The footer contains links for 'Nondiscrimination Statement', 'site map', 'about this site', 'contact us', 'translate', and 'delaware.gov'.



DEEDS 1.0

Current Issues

- Outdated, inflexible technology
- Difficult to diagnose and fix issues quickly
- Enhancing the system to address new requirements is complex and time consuming
- Delays the processing time for educators to become certified

DEEDS.NET - [Credentials: SSN XXX-XX-2121 Sally M. Cert]

Action Certification DPA PGDI Reports Special Window Help

Exit Close Save Person File Credentials Find Help DocuShare Ask Evaluator

Assistant

SSN Name
<enter SSN>

Find

Advanced Find

Session

At a Glance

Person ID: 129466
Legal Name: Sally M. Cert
Username: noemail@xk12.de.us
Password: new8Yp6L
Email: DEEDS@doe.k12.de.us
SSN: XXX-XX-2121
DOB: 10/10/1990
Gender: F
SSO:
Employee ID: 900000233

OPEN CERTIFICATE APPLICATIONS

Physical Education Teacher (Grades K-1
School Library Media Specialist (Grades
James H. Groves Adult High School Leve
Early Childhood Teacher (Birth - Grade 2
Director of Special Education : Applicatio
Elementary Teacher (Grades K-6) : Appli
Teacher of Students Who are Gifted and
Secondary English Language Arts Teach
Theater Teacher (Grades 9-12, also val
World Language Teacher (Latin, Grades
Technology Education Teacher (Grades
Marketing Education Teacher (Grades 9-
Secondary Science Teacher (Physics Gra
Teacher of Health Education Grades 5-1
Teacher of Exceptional Children Grades

OPEN PLUS APPLICATIONS

Sally M. Cert's File

Test Scores (11)

PPA : PPA : 190 : Y : PPAT
CP2 : PSC : 195 : Y : PSCCT
TPA : TPA : 500 : Y : P014
C : M : 38 : Y
A : M : 24 : Y
CORE : M : 149 : N
P2 : CK : 180 : Y : ART2

Applications

Worker

Licenses

7 record(s) found

ID	Status	Type	Effective	Expires	Extend?	Extend To	PG Status	Replace
80414	Reactivation	Continuing License	09/01/2010	08/31/2015	Yes	06/30/2016	Incomplete	No
24163	Suspended	Initial License	10/01/2009	10/31/2012	No		Complete	No
85245	Application Pending	Initial License			No		Incomplete	No
73665	Issued	Permit	06/01/2016	06/30/2021	No		Incomplete	No
89825	Application Pending	ABE Level 1 Permit	06/06/2017	06/06/2020	No		Incomplete	No
89823	Application Pending	Groves Level 1 Permit	06/01/2017	05/31/2020	No		Incomplete	No
89824	Application Pending	Groves Level 3 Admin Permit			No		Incomplete	No

Certificates

31 record(s) found

ID	App. Complete?	When	Status	Class	Area
213192	Yes	10/27/2016	Issued	Standard Certificate	Business Education Teacher (Grades 9-12, a
215972	Yes	06/05/2017	Issued	Permit	Community Adult Basic Education Level 1
215980	Yes	06/06/2017	Issued	Permit	James H. Groves Adult High School Level 2
215970	Yes	06/05/2017	Issued	Permit	James H. Groves Adult High School Level 1
202172	Yes	02/24/2015	Issued	Emergency Certificate	Business Education Teacher (Grades 9-12, a
211384	Yes	07/18/2016	Ready to Be Issued Manually	Emergency Certificate	Instructional Paraeducator
211382	Yes	07/18/2016	Issued	Permit	Title I Paraeducator
211383	Yes	07/18/2016	Issued	Permit	Service Paraeducator
182870	Yes	09/03/2012	Issued	Emergency Certificate	Teacher of Social Studies Grades 9-12 (Valid
207778	Yes	01/04/2016	Expired	Standard Certificate	Certified Central Office Personnel
207776	Yes	01/04/2016	Expired	Standard Certificate	School Leader I
204844	Yes	07/15/2015	Expired	Standard Certificate	Middle Level English Language Arts Teacher
203566	Yes	05/09/2015	Expired	Standard Certificate	Art Teacher (Grades K-12)
202173	Yes	02/24/2015	Expired	Standard Certificate	Secondary Science Teacher (Biology Grades
150025	Yes	05/13/2011	Expired	Standard Certificate	School Nurse
121212	Yes	09/17/2007	Ready to Be Issued Manually	Emergency Certificate	Teacher of Secondary Mathematics Grades 9-12
180665	Yes	06/28/2012	Evaluation Letter Issued	Emergency Certificate	Teacher of Health Education Grades 5-12
203715	Yes	05/18/2015	Evaluation Letter Issued	Standard Certificate	Secondary English Language Arts Teacher (C
216084	Yes	06/12/2017	Evaluation Letter Issued	Standard Certificate	School Library Media Specialist (Grades K-12
132799	Yes	04/20/2009	Application Pending	Emergency Certificate	Teacher of Exceptional Children Grades K-12
202175	Yes	02/24/2015	Application Pending	Emergency Certificate	Secondary Science Teacher (Physics Grades
202176	Yes	02/24/2015	Application Pending	Emergency Certificate	Marketing Education Teacher (Grades 9-12,
202177	Yes	02/24/2015	Application Pending	Standard Certificate	Technology Education Teacher (Grades 9-12
202178	Yes	02/24/2015	Application Pending	Standard Certificate	World Language Teacher (Latin, Grades K-12
202179	Yes	02/24/2015	Application Pending	Emergency Certificate	Theater Teacher (Grades 9-12, also valid gr



DEEDS 2.0

Advancements

- Migrated to current web-based technologies
- Reusable components
- User friendly
- Customized view and options
- Limited resources for system updates and enhancements.

Delaware Educator Data System (DEEDS) My Work List Lists IMS Search Debra Silbert

Back To List

Cart Sally M

Email: deveds@doe.k12.de.us
 Personid: 120455
 SSN: XXXXX121
 Username: nsemail@doe.k12.de.us
 Pwd: new6!pdl
 Gender: F
 DOB: 1/30/1977
 Year: 2018-2019
 Hired: 9/1/2005
 District: Delaware Department Of Education
 School: DOE Staff Personnel
 Position: Teacher, Middle, Math, Grades 7&8

Test Scores

P1: CK: 151: Y: SPB2
 CP2: CK: 149: Y: ESOL
 PPA: PPA: 142: Y: PRST
 PPA: PPA: 190: Y: PRAT
 CP2: PRD: 108: Y: PRCT
 TPA: TPA: 500: Y: P014
 C: M: 38: Y: NA
 A: M: 24: Y: NA
 CORE: M: 149: N: NA
 P2: CK: 180: Y: ART2
 CP2: CK: 180: Y: BDOT
 P2: CK: 180: Y: MEL2
 PM: W: 175: Y: NA
 PM: R: 180: Y: NA
 Has passed Praxis 1 (Took some part of PRAXIS 1 or its equivalent)
 OOSC (S) only Respond known

Per.Directors/Bus.Managers

SSN: 2121 Name: Sally Cert

Credential Information

Show 10 entries

License Id	Status	Type	Effective Date	Expiration Date	Extend To	PG Status	Replaced?	Suspend On	Complete Date	Suspend CL Mentoring On
89824	Application Pending	Groves Level 3 Admin Permit	10/01/2017	10/17/2020		A	A		06/05/2017	
89825	Ready to Be Issued Manually	ABE Level 1 Permit	06/06/2017	06/06/2020		A	A		06/05/2017	
89823	Application Pending	Groves Level 1 Permit	06/01/2017	05/31/2020		A	A		06/05/2017	
73665	Issued	Permit		01/31/2006		A	A		02/06/2014	
94303	Application Pending	Groves Level 1 Permit				A	A			
85245	Issued	Initial License	01/01/2018	01/31/2022		A	A			
80414	Reactivation	Continuing License	09/01/2010	08/31/2015	06/30/2016	A	A			
24163	Suspended	Initial License	10/01/2009	10/31/2012		A	A		02/06/2014	
93979	Application Pending	Initial License				A	A		04/20/2009	

Showing 1 to 9 of 9 entries

Previous 1 Next

Certificate Information

Show 10 entries

Certificate Id	Complete Date	Status	Class	Area	Issue Date	Effective Date	Expiration Date	Replaced?	Action
219324	01/31/2018	Ready to Be Issued Manually	Standard Certificate	Exceptional (Birth-Grade 2 Spec Ed, Gifted & Talented, Spec Ed K-12)	01/31/2018	07/01/2018		No	
202178	02/24/2015	Automation Failed	Standard Certificate	Languages K-12 (Bilingual, English Learners, English, World Languages)	09/21/2016	03/01/2018		No	
132799	04/20/2009	Ready to Be Issued Manually	Emergency Certificate	Exceptional (Birth-Grade 2 Spec Ed, Gifted & Talented, Spec Ed K-12)	01/31/2018	01/01/2018	06/30/2018	Yes	



DEEDS 3.0

- DEEDS Core

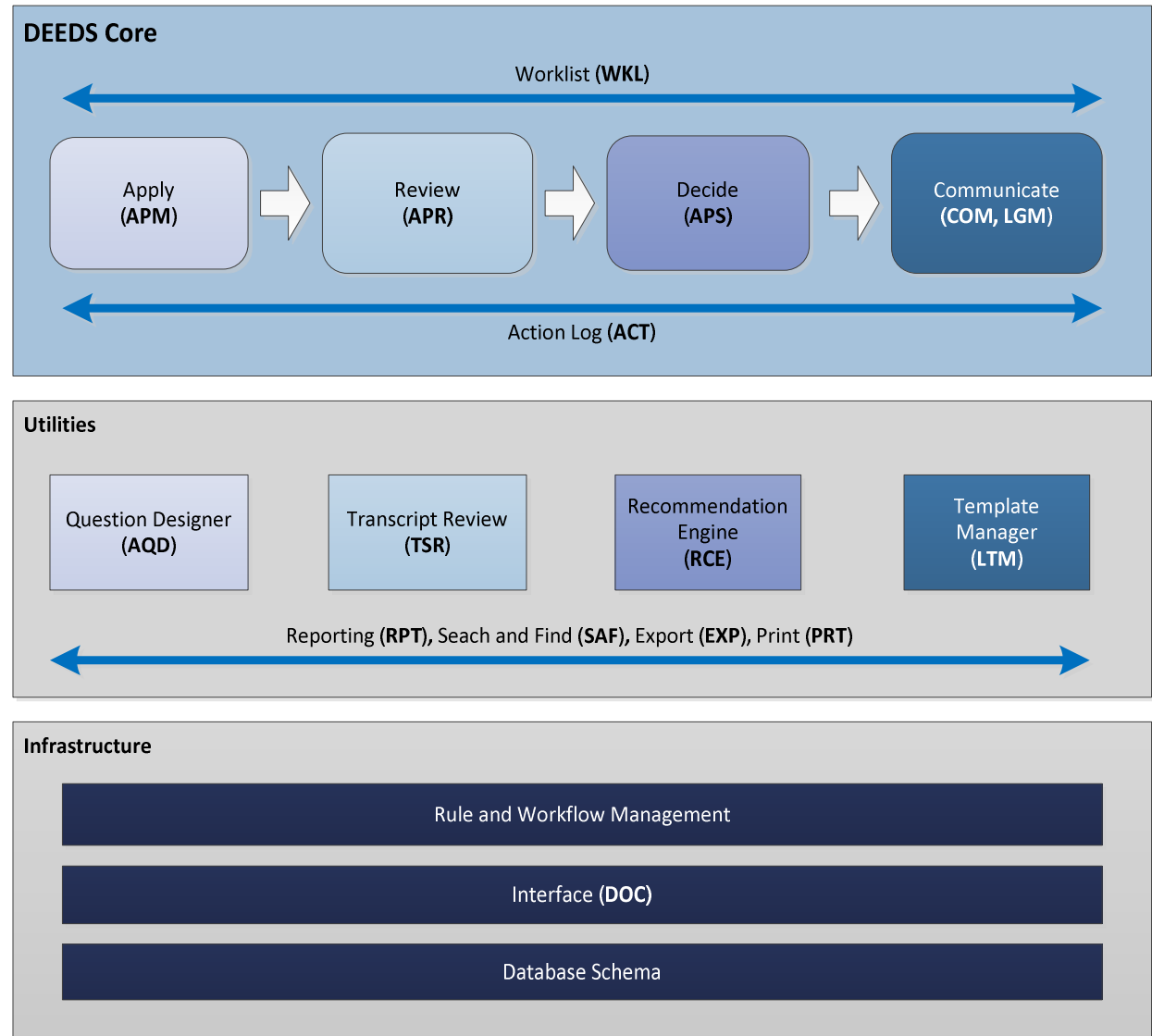
- Apply
- Review
- Decide
- Communicate

- Utilities

- Question Designer
- Transcript Review
- Recommendation Engine
- Template Manager

- Infrastructure

- Rules and Workflow
- Interface
- Database Schema





Critical Design Objectives

- Built for Change
 - Flexible design
 - Administrator maintainable through use of self support utilities
- Process Improvements
 - Easier access to information
 - Expedite processing time for educators to become certified
- Highly Integrated
 - Increase linkage to external data



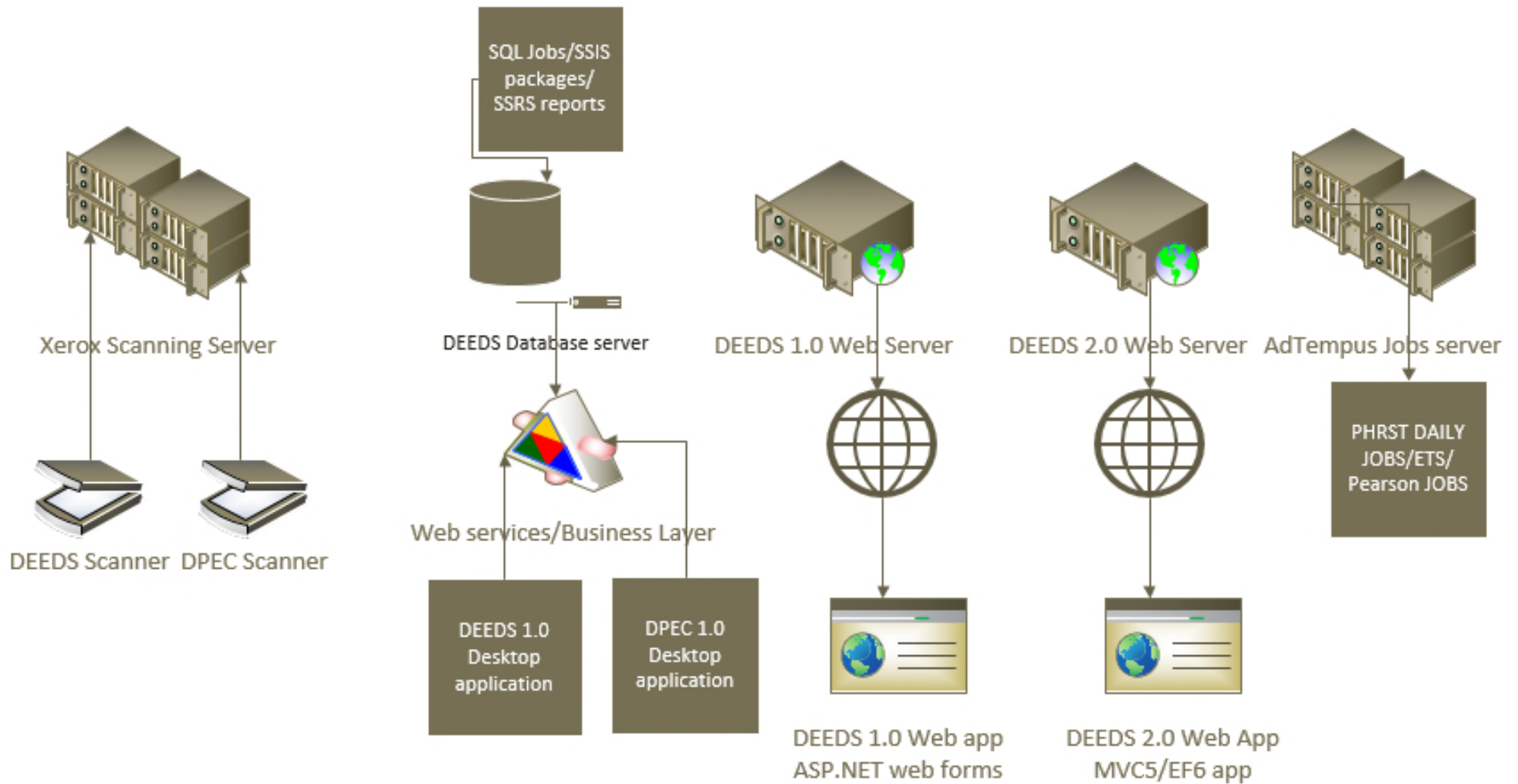
Infrastructure



Delaware
Department of Education



Overview of Infrastructure





Technologies Used

- DEEDS 1.0 Website
 - ASP.Net, VB.Net, JavaScript, AJAX, SQL Server 2008
- DEEDS 1.0 Desktop
 - VB.Net, Infragistics tool, SQL Server 2008
- DEEDS Jobs
 - VB.Net, SSIS Packages, SQL Server 2008
- DEEDS 2.0
 - MVC 5, C#, Require JS, J Query, Bootstrap, Entity Framework 6



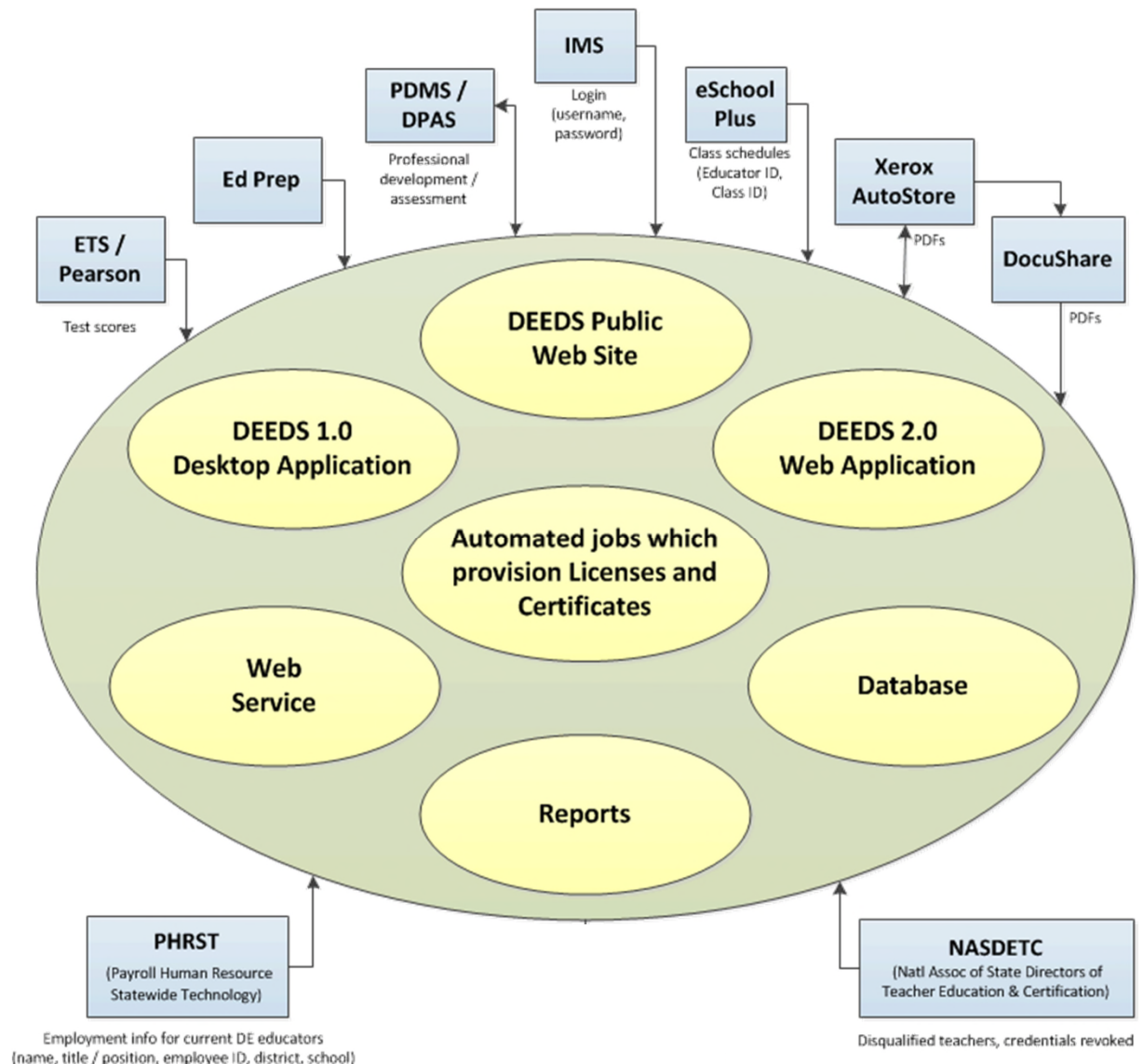
External Interfaces

Current Interfaces

- ETS / Pearson
- Ed Prep application
- PDMS / DPAS
- IMS
- eSchool
- Xerox AutoStore
- DocuShare
- NASDETC
- PHRST

Potential Interfaces

- National Clearinghouse
- Parchment
- DE Universities and Colleges
- Delaware Institute for Excellence in Early Childhood (DIEEC)
- Microcredentials





Single sign on

- DEEDS currently allows teachers and School Administrators to sign on using their Identity Management System's credentials. We would like DEEDS 3.0 to support single sign on using industry standard SAML based protocols like OAuth 2.0.



Migration

- There are more than 118,800 users in the DEEDS and DPEC database. We will need to migrate all current users and their credentials to DEEDS 3.0 (must have fields).



Rules and Rulesets

Certificate	Reg	Regulation Name	Rule Set	Rule Set Short Description	Rule
Middle Level Mathematics Teacher (Grades 6-8)	1532	Middle Level Mathematics Teacher	1000	DE std cert, PRAXIS II	Delaware certificate
Middle Level Mathematics Teacher (Grades 6-8)	1532	Middle Level Mathematics Teacher	1000	DE std cert, PRAXIS II	Passing PRAXIS II score
Middle Level Mathematics Teacher (Grades 6-8)	1532	Middle Level Mathematics Teacher	1001	OOSC	Out-of-State Certificate in the certificate area requested
Middle Level Mathematics Teacher (Grades 6-8)	1532	Middle Level Mathematics Teacher	1010	ARTC, PRAXIS II	ARTC/MPCP Program Completion
Middle Level Mathematics Teacher (Grades 6-8)	1532	Middle Level Mathematics Teacher	1010	ARTC, PRAXIS II	Undergraduate degree in critical needs area
Middle Level Mathematics Teacher (Grades 6-8)	1532	Middle Level Mathematics Teacher	1010	ARTC, PRAXIS II	Passing PRAXIS II score



Proposal Dates and Application Package



Delaware
Department of Education



Important Dates

- RFP available – October 5, 2018
- Mandatory Pre-Bid – October 23, 2018 at 1:00pm
(Please make sure to sign-in – only vendors on the list will be eligible to submit proposals)
- Deadline for Questions – November 2, 2018
- Responses to Questions – November 16, 2018
- Deadline for Receipt of Proposals - December 10, 2018 at 2:00pm (Vendors are directed to clearly print “BID ENCLOSED” and “CONTRACT NO. DOE 2019-04” on the outside of the bid submission package)



Complete Application Package

- Four paper copies with one marked “original” with original signatures and one electronic copy on a USB stick
 - Transmittal Letter
 - Vendor Technical Proposal
 - Vendor Cost Proposal
 - Non Collusion Agreement marked “original” and notarized (Attachment 2)
 - Exception Form (Attachment 3)
 - Confidentiality Form (Attachment 4)
 - Business References (Attachment 5)
 - If applicable, Subcontractor Information Form (Attachment 6)



Questions

