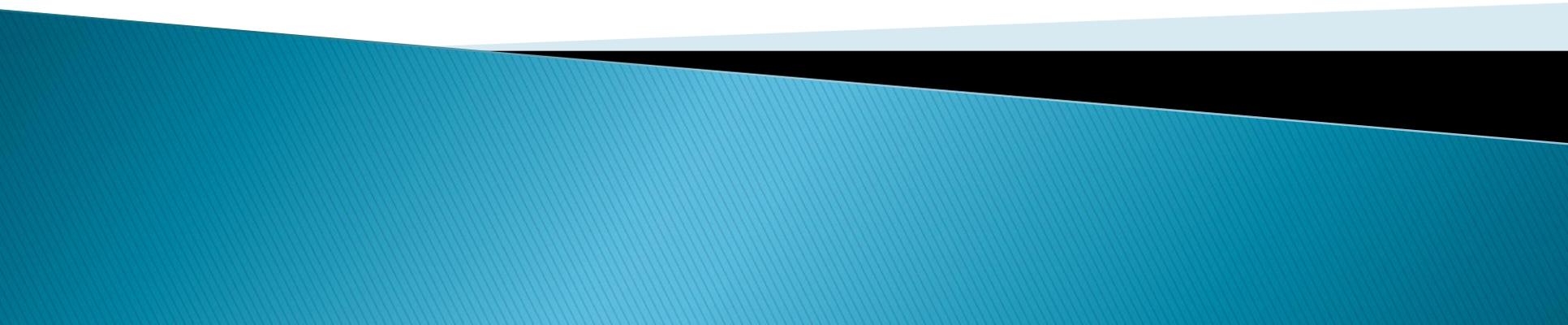


Nevada Department of Education

Student Data Systems

Respecting Privacy Safeguarding Data Informing Instruction



Overview

- ▶ Evolution of Education Policy, Reform, and the role of Data
 - State: NERA (1997) – Present
 - Federal: NCLB (2001) to ESEA Waiver
 - Emphasis
 - Transparency – Public Reporting
 - Accountability – Assessments, Investments, Outcomes, Student Growth and Proficiency, Financial
 - Equity – Civil Rights, Education Attainment
 - Increasing demand and complexity of inquiry
 - From “snapshot” to “trend” and “growth”
 - From “how many ...” to “return on investment”

Privacy Security Governance

- ▶ Federal Educational Rights and Privacy Act
 - The “floor” of basic rights to access and protections
- ▶ Nevada Law and Policy
 - State Information Security Policy
 - NRS 386.650; 386.655; 385.347; 388.289; 396.535
 - NAC 392.325; 392.350
 - NRS 391.035; 392.325
- ▶ NDE Policy and Procedures
 - Information Security and Privacy Policy
 - Data Sharing Agreement
 - Data Collaborative
 - Data Dictionary (<http://www.doe.nv.gov/DataCenter/>)

Student Accountability Information Network (SAIN) NRS 386.650 & 386.655

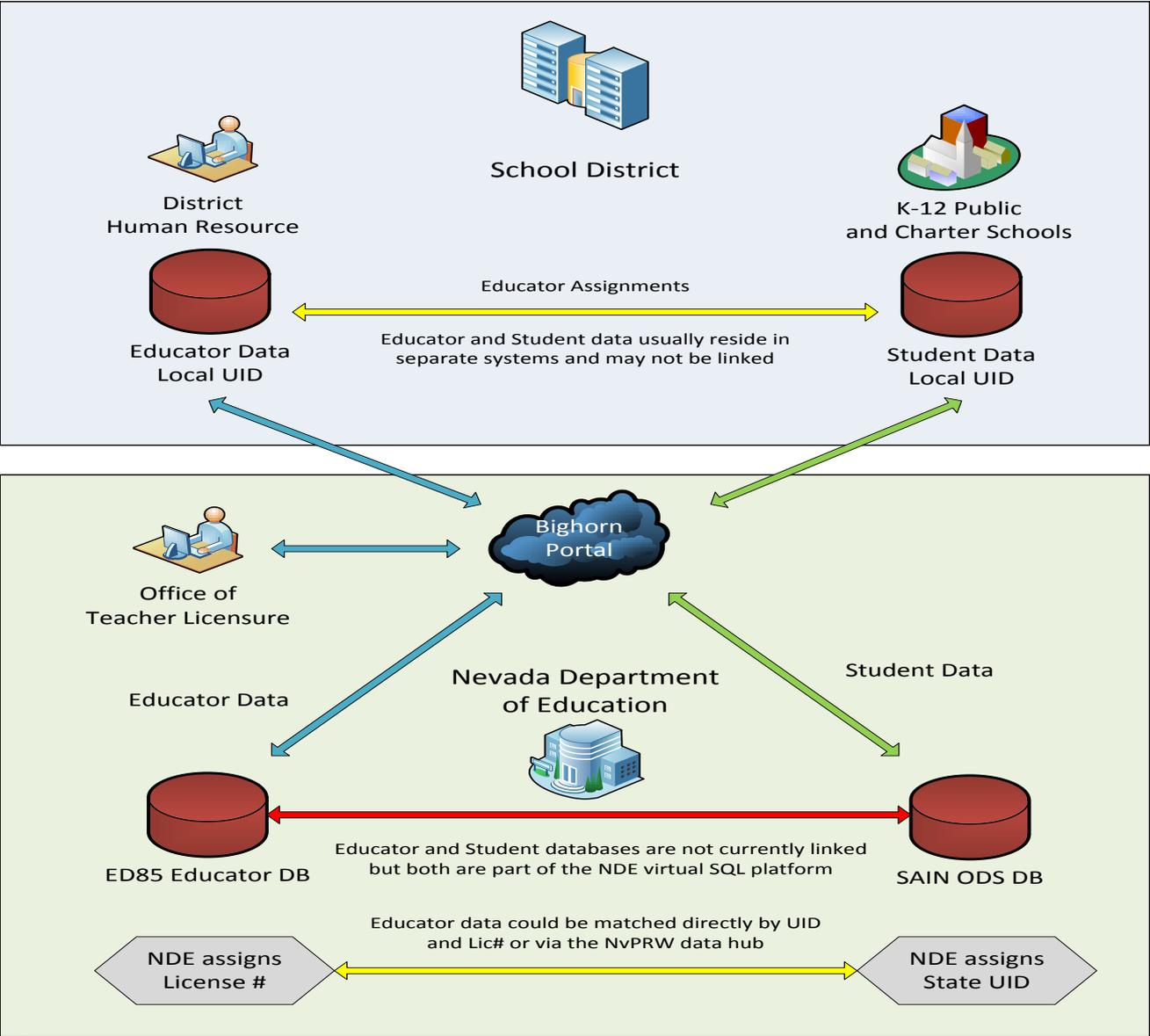
- ▶ SMART (1998)
 - Establish and expand District based Student Information Systems

- ▶ From SMART to SAIN
 - SAIN includes a K-12 longitudinal data warehouse

 - SAIN currently collects data from 19 different sources

 - Data is used primarily for two purposes
 - Aggregate data is used for Federal and State reporting and program evaluation (e.g., NRS 385.3469; NCLB (ESEA) Section 1111(b)(3))
 - Student level data is used for Assessment identification and reporting (e.g., NRS 385.3595; 385.361)

Educator and Student Data Flow



Data – – – – – > Information

- ▶ Aggregate* data are used to satisfy Federal and State reporting requirements
 - Federal reports, EDFACTS aggregate level reports
 - Nevada Report Card
 - Public website for District and School level data research and reporting
 - <http://www.nevadareportcard.com/di/>
 - Nevada School Performance Framework
 - Public access to school level data used to rate school performance
 - <http://nspf.doe.nv.gov/>
 - Career and Technical Education Reporting

Actual EDFACTS File

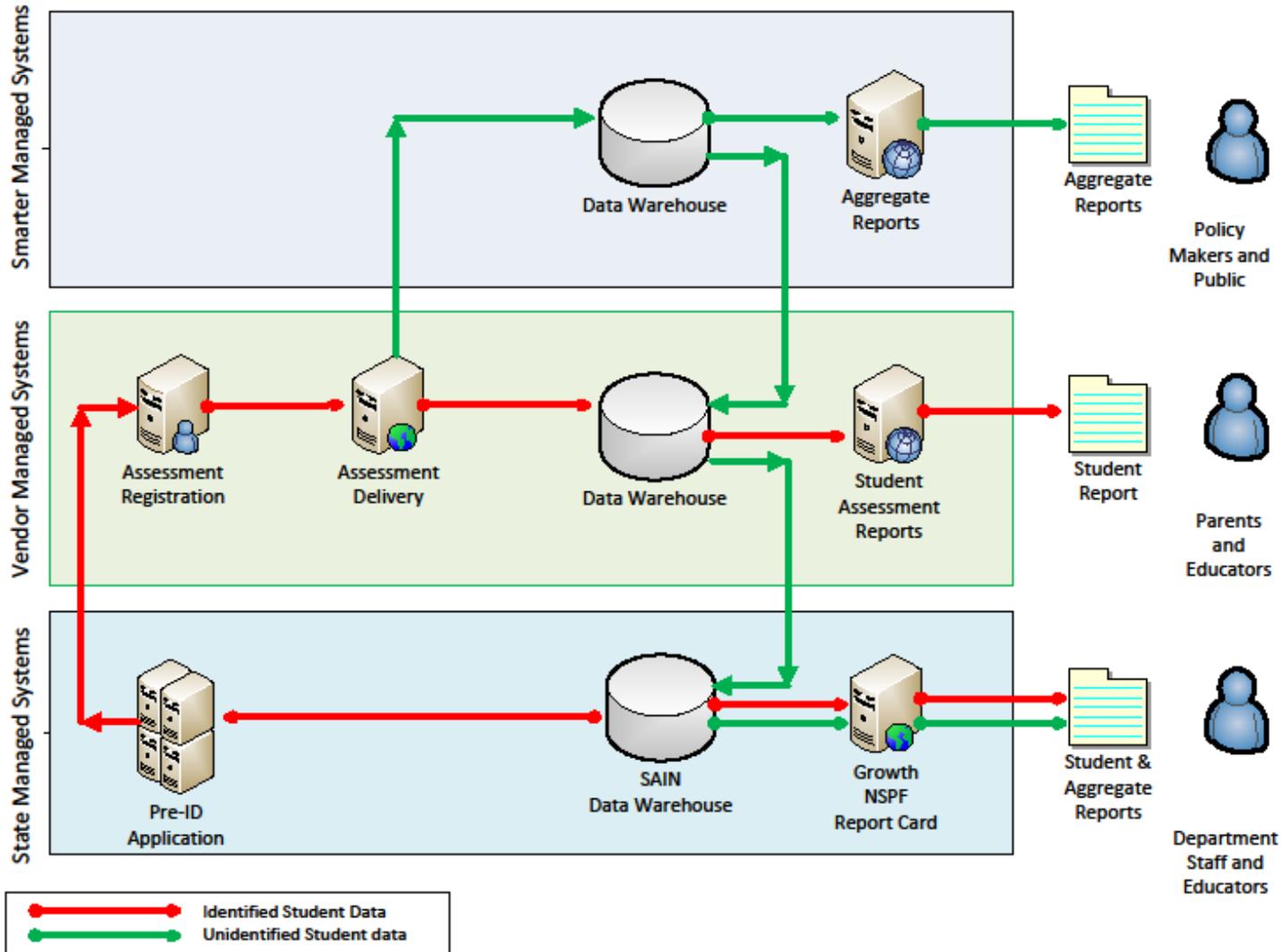
File C033 School Free and Reduced Price Lunch

1	SCHOOL FREE AND REDUCED PRICE LUNCH	1816	NVSCHPRICLNCHver0001.csv	SCH Free and Reduced Price Lunch	2013-2014						
2	1	32		1	12	12312	LUNCHFREERED	RPL	N		5
3	2	32		1	2	2157	LUNCHFREERED	FL	N		126
4	3	32		1	2	2352	LUNCHFREERED	RPL	N		178
5	4	32		1	4	4602	LUNCHFREERED	FL	N		32
6	5	32		1	16	16264	LUNCHFREERED	RPL	N		19
7	6	32		1	2	2158	LUNCHFREERED	FL	N		252
8	7	32		1	16	16304	LUNCHFREERED	FL	N		419
9	8	32		1	16	16239	LUNCHFREERED	RPL	N		77
10	9	32		1	2	2191	LUNCHFREERED	RPL	N		64
11	10	32		1	2	2431	LUNCHFREERED	RPL	N		170
12	11	32		1	16	16225	LUNCHFREERED	FL	N		321
13	12	32		1	16	16307	LUNCHFREERED	FL	N		455
14	13	32		1	16	16307	LUNCHFREERED	RPL	N		83
15	14	32		1	2	2306	LUNCHFREERED	RPL	N		67
16	15	32		1	2	2099	LUNCHFREERED	FL	N		323
17	16	32		1	16	16222	LUNCHFREERED	RPL	N		95
18	17	32		1	2	2099	LUNCHFREERED	RPL	N		95
19	18	32		1	16	16303	LUNCHFREERED	RPL	N		19

Data – – – – – > Information

- ▶ Student level* data are used for assessment Pre-Identification (Pre-ID) and assessment results reporting (e.g., NRS 385.3594, 389.560)
 - Current assessment: CRT, HSPE, ACT, Writing, NAA and CTE
 - Future: Smarter, EOC, Science
 - Student assessment results are used to calculate Growth (NRS 385.3595) and Proficiency
 - State vendor under contract uses student level data to administer/score assessments (NRS 389.550)
- ▶ Count Day enrollment verification

Smarter Assessment Data Flow



SAIN Applications

- ▶ The Bighorn Portal applications support over ten essential Department functions.
 - Creates longitudinal record and unique identifier (UID)
 - Supports the Teacher Licensure application and the public Find a Teacher WEB portal
 - Provides District tools for the certification of enrollment and the Count Day process
 - Generates Data Validation Reports to verify data and a data validation tool for Districts to review and cleanse SAIN data
 - Contains an Electronic Data Submission Application (EDSA)
 - Collects and reports Striving Reader data
 - Nevada GEAR–UP Scholarship administration
 - Produces four and five year Cohort Graduation Rate

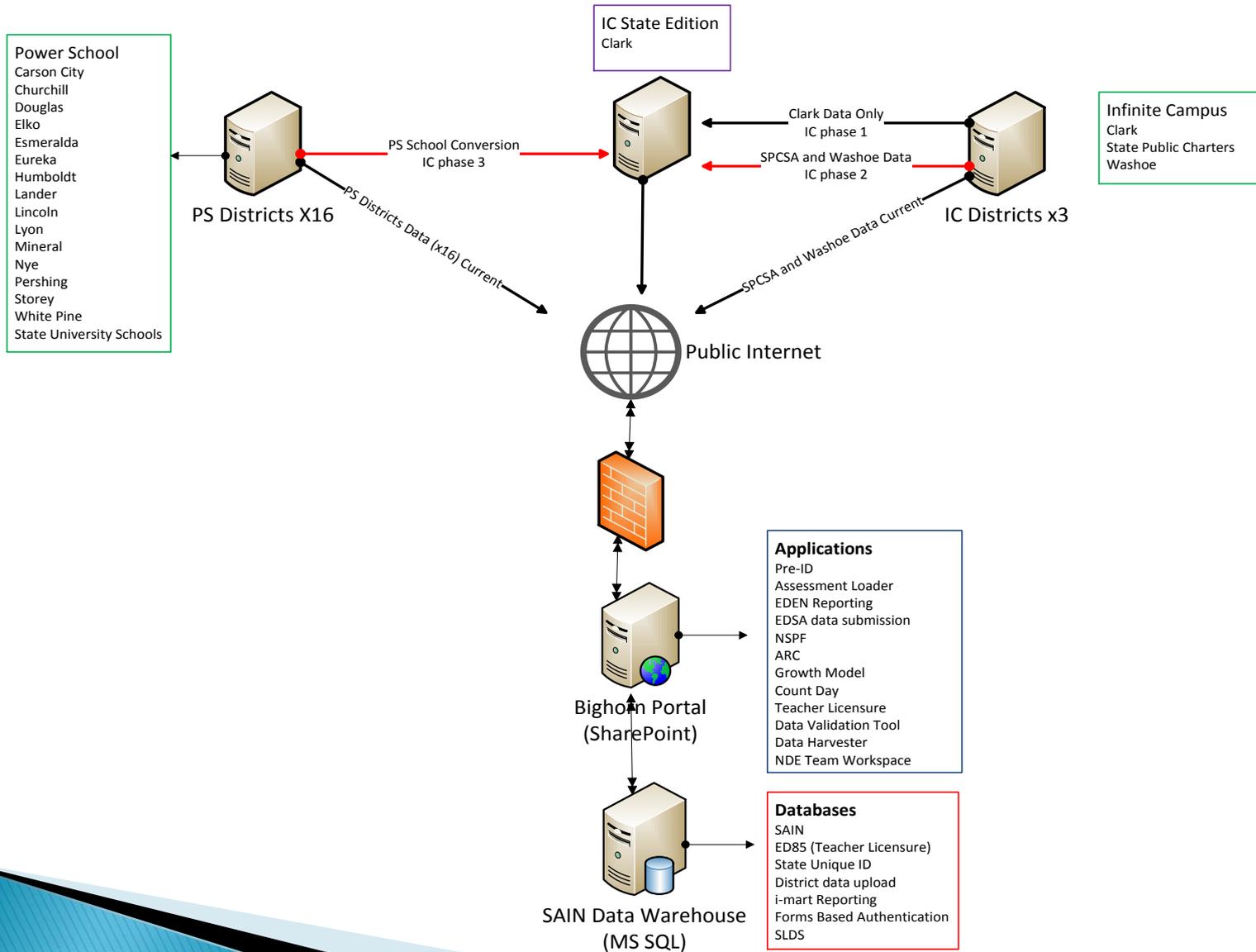
What SAIN does not do:

- ▶ Directly exchange data electronically with any other State
- ▶ Collect or report on Educator data or assign a Unique Educator Identifier
- ▶ Provide a tool for linking student records
- ▶ Collect or report on Special Education data
- ▶ Collect or report on financial data
- ▶ Provide data back to District information systems

Moving Toward a Statewide Solution

- ▶ Washoe County implemented Infinite Campus in 2011
 - First IC District
 - Host equipment @ Washoe
 - Unique implementation, limited State involvement
- ▶ Clark County and State Public Charter School Authority implemented in Fall of 2014
 - Becomes first hosted solution (hosted by IC)
 - Created need for new data upload technology
 - IC recommends using their State Edition to "stage" Clark data
- ▶ State explores how IC State Edition can benefit all Districts and NDE
 - Includes MBI to support a statewide implementation of IC
 - Statutory authority: NRS 386.650.1 and NRS 386.650.2(a)

SAIN Data Collection



What Does IC do for NDE?

- ▶ Already contains 88% of all students in Nevada
- ▶ Consolidates student level data into one source
- ▶ Uniquely identifies each individual, faculty and student and assigns a unique identifier (FY14-15 funds reverted to develop a educator identifier, funds reverted to enhance the student unique identifier)
- ▶ Allows for the electronic exchange of student records throughout the state (FY14-15 funds reverted to enhance the student transcript)
- ▶ Adheres to the US Common Education Data Standards (CEDS) (FY14-15 funds potentially reverted to align SAIN with the CEDS)
- ▶ Enforces standardization in enrollment, attendance and other data elements necessary for reporting accurate student counts and calculating average daily attendance (FY14-15 funds potentially reverted to develop Average Daily Attendance)

What Does IC do for Parents and Students?

- ▶ Provides real-time access to assignments, grades, attendance, behavior, school lunch and other information
- ▶ Allows students to submit assignments and interact with teachers
- ▶ Provides email, telephone, and SMS-based notifications – routine and emergency
- ▶ Drives greater parental involvement in child's education

What does IC do for Teachers and Administrators?

- ▶ Complete “operating system” for the District:
 - Scheduling, Report Cards, Attendance, Health Office, Immunization, Gradebook, Lesson Planning, Academic Planning, Early Childhood, Special Education, RTI, Demographics, Fees, Federal and State Programs, Courses, Rosters, Grades, Assessments, Staff Credentials, Cafeteria.
- ▶ Compliance reporting to NDE
 - Provides necessary data collection and reporting for all student related NDE reports. Evolves as new legislation and policy dictates new or revised reporting needs.
- ▶ Partners with NDE to provided Services to Districts
 - Records transfers, Unique IDs, Data Health, Dashboards and Analytics, Assessment Results.

Commitment to Privacy and Security

▶ Privacy

- No rights granted to District's student data
- Strong contractual prohibitions and assurances
- Trusted third-party in data transfers to SEA

▶ Security

- Dedicated Staff
- Annual SOC Audits by third party
- ATO from US Department of Interior
- Significant investment in infrastructure

Results of no IC Funding

- ▶ IC will continue to support the limited free ICSE for the purpose of collecting and reporting Clark's State required data
- ▶ State will not have access to ICSE tools
- ▶ Washoe and the SPCSA will have to remain on their stand-alone versions of IC and continue to upload data to SAIN via current or future solution
- ▶ All other Districts will remain on Power School and use the NDE uploader or future solution to report to SAIN
- ▶ NDE will begin to put together budget initiatives for FY 18-19 to include necessary upgrades/replacement of the SAIN system and other components that are dependent on the ICSE implementation for replacement or enhancement

Questions

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