Cross-System Data Capacity

Developing State Level Strategies for
Integration and Interoperability

Policy Framework

* Need to measure across workforce and education through the use of common measures
  * Performance accountability
  * Evaluation and assessment
  * Geographic scalability by region, institution, and program
* Ability and capacity to:
  * Track co-enrollment and share real-time participant data
  * "Fuzzy match" participant data to labor market outcomes
  * Link data sources between agencies
  * Common identifier for longitudinal outcomes
* Central public location and access for reported program data
  * Automated data requests and data transfer from and between partners
  * Access for policymakers and legislature
  * Public data request access for students, researchers, workers, and service recipients

WIOA Regulations

Excerpt from the WIOA proposed rules on core program performance accountability:

"The Departments will work with State and Local Boards, one-stop center operators and partners to achieve an ***integrated data system*** for the core programs and other programs to ensure ***interoperability*** and the accurate and standardized collection of program and participant information. Integrated data systems will allow for unified and streamlined intake, case management and service delivery; minimize the duplication of data; ensure consistently defined and applied data elements; facilitate compliance with performance reporting and evaluation requirements; and provide meaningful information about core program participation to inform operations."

Integration & Interoperability

* WIOA expects states to implement integrated intake and reporting mechanisms through data system interoperability over the course of the strategic plan.

* Integration:
  * The ability to provide coordinated service delivery such as real-time co-enrollment (common input process through a common case management system)
  * The ability to report outcomes across programs and systems in a single report (collective output process)
* Interoperability:
  * The ability for independent data systems to interact with one another
  * The ability for both a centralized and federated system to co-exist

Federal & State Reporting Requirements

* WIOA Annual Reporting
  * State, Local Area, and ETPL
* Cross-system Workforce Metrics Dashboard
  * AB2148
    * WIOA Title I & II, TAA, ETP, apprenticeships, community colleges CTE
* AB104 Adult Ed. Regional Consortia Metrics
  * CDE & CCCCO
* Regional Sector Strategies
  * SB1402, 2016 Strong Workforce Task Force Prop 98 funds
  * SB118
* Probable future:
  * Carl Perkins
  * TANF

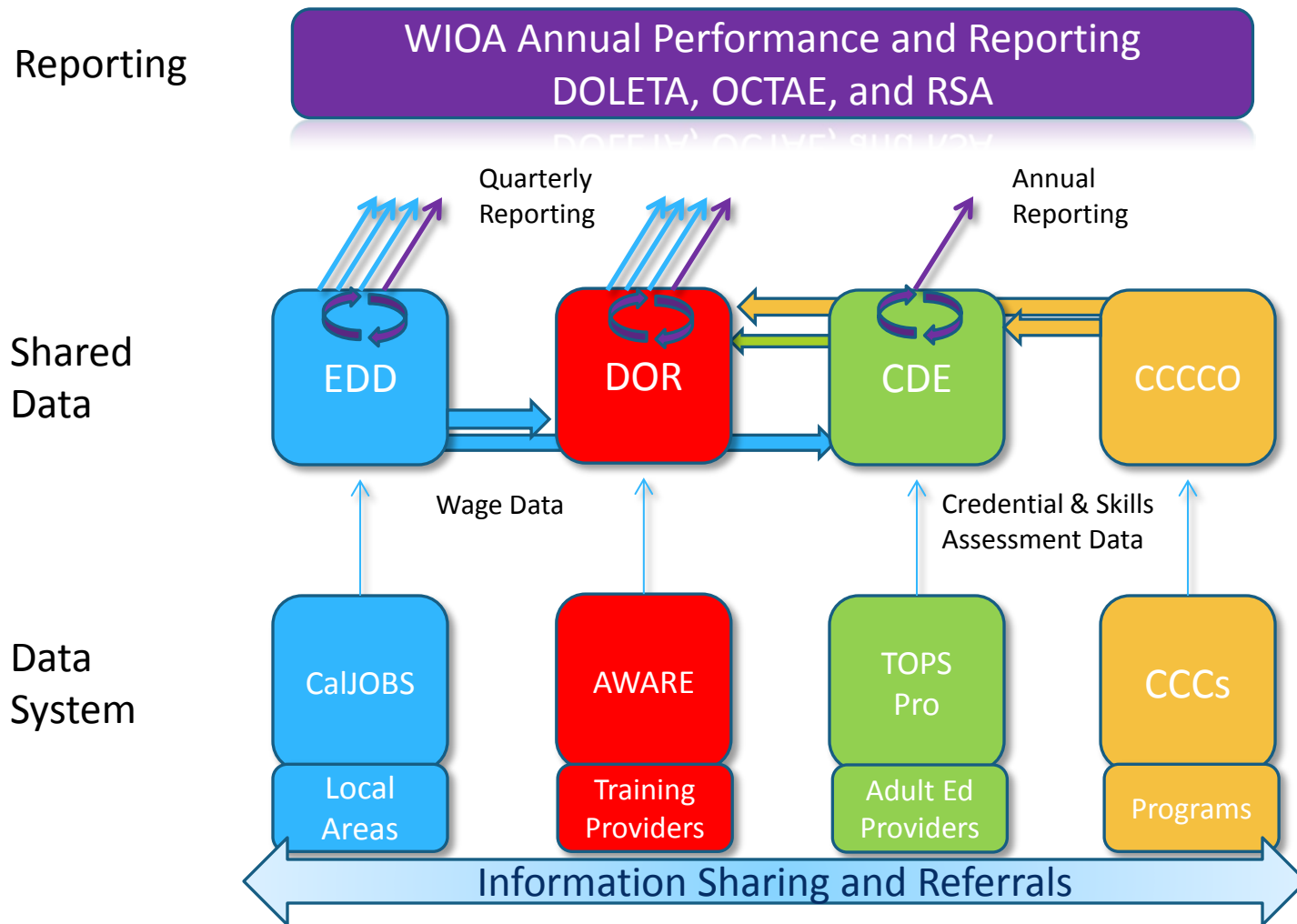# WIOA Data System Descriptions

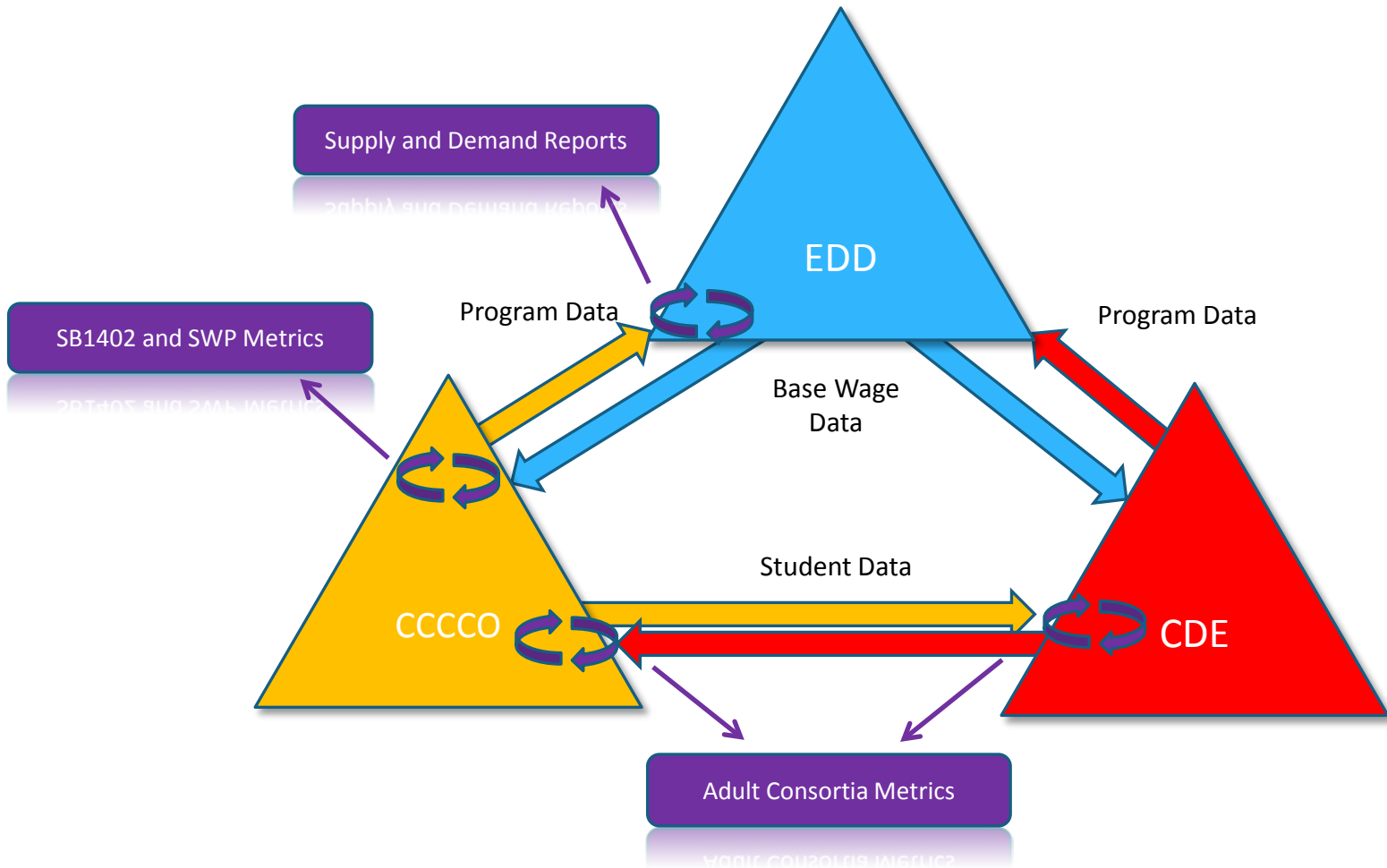| Partners	Data Systems	Description
EDD	CalJOBS	Online resource to help job seekers and employers access California's workforce services by providing employment and labor market information. The system allows users to search for jobs, build résumés, access career resources, find qualified candidates for employment, and gather information on education and training programs. The system also allows for tracking and reporting data on the various WIA-related workforce programs.
CCCCO	Chancellor's Office MIS (CO MIS)	The Chancellor's Office MIS contains term and annual data on students, courses, and employee data from all 113 of the California Community Colleges, including information on community college-run CTE and Adult Education programs. Data from the Chancellor's Office MIS is used for Carl D. Perkins reporting. The Chancellor's Office MIS also incorporates information on community college students from EDD's base wage file, from the Division of Apprenticeship Standards, and from the National Student Clearinghouse .
CDE	CASAS TOPSPro	TOPSPro Enterprise is an assessment and accountability. Includes tracking at the student, program, agency and state levels.
DOR	AWARE	AWARE is a case management system with a financial component utilized for federal reporting requirements. Contains client data, case notes, and information regarding goods/services purchased for clients.

Data Sharing Partners

Partners	Available Data	Needs	Purpose
EDD	Quarterly wages Program participants	Postsecondary/Secondary credentials	WIOA AB 2148 SB 118
CCCCO	Postsecondary credentials Skills assessments Program participants	Quarterly wage matching	AB104 SB1402 AB 2148 SB 118
CDE	Secondary Credentials Skills assessment Program participants	Annual wage matching	WIOA AB 2148 AB104
DOR	Program participants	Quarterly wage matching, Postsecondary/Secondary Data	WIOA
CWDB	N/A	Program partner coordination	WIOA AB 2148 SB 118

AB104, SB1402, SWP, & SB118 Reporting Model

Types of Systems

Centralized
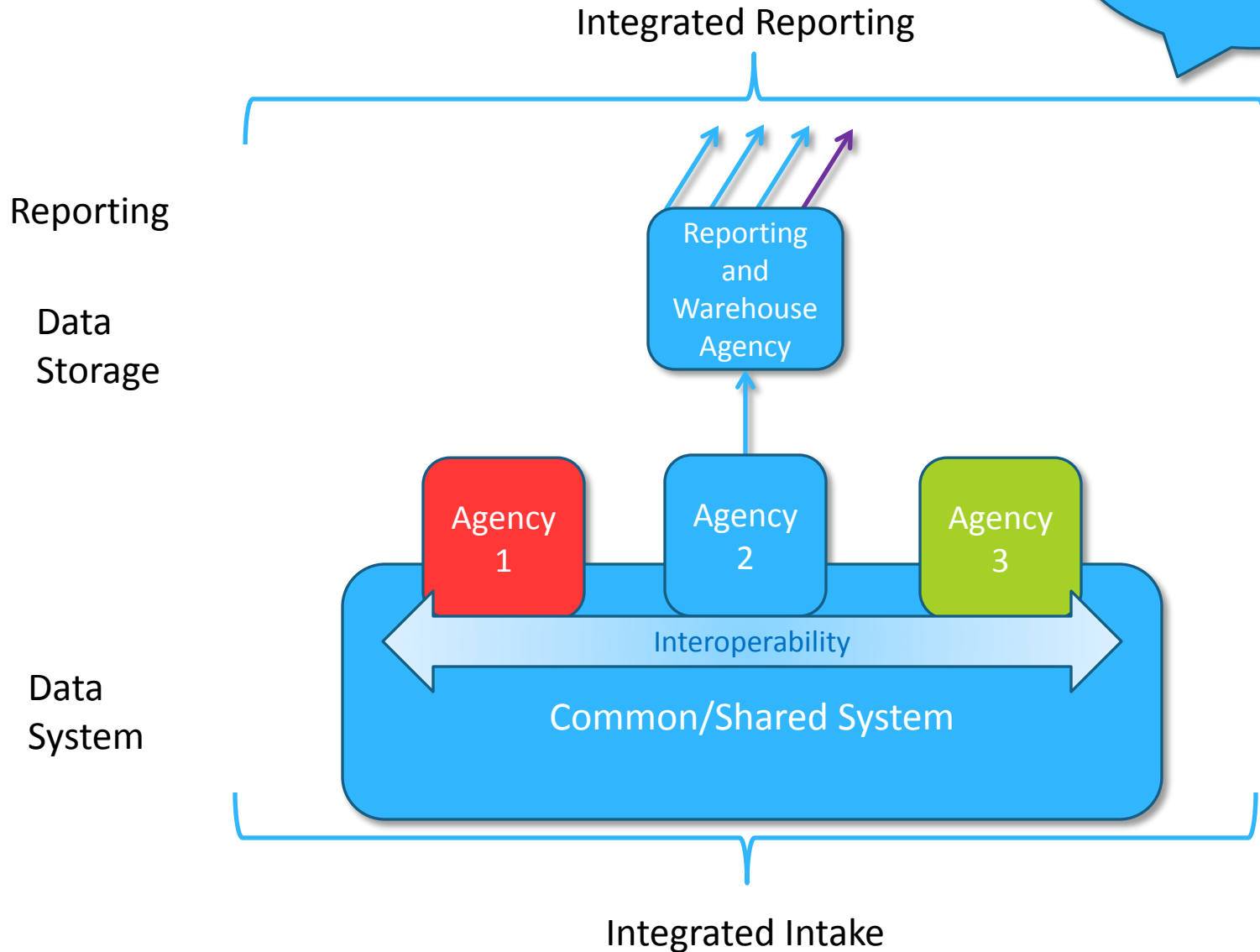
* Single agency may own all data
* Staff within centralized agency
* Single access point for data
* Established process
* Higher security risk
* Coordinating system for changes; time consuming
* Implementation is time consuming
* Higher long-term cost, up-front cost dependent on existing infrastructure

Federated

* Each agency owns their own data
* Staff within each agency
* Multiple access points for data
* Less established process
* Less of a security risk
* Less need for coordination; streamlined process
* Implementation is less time consuming
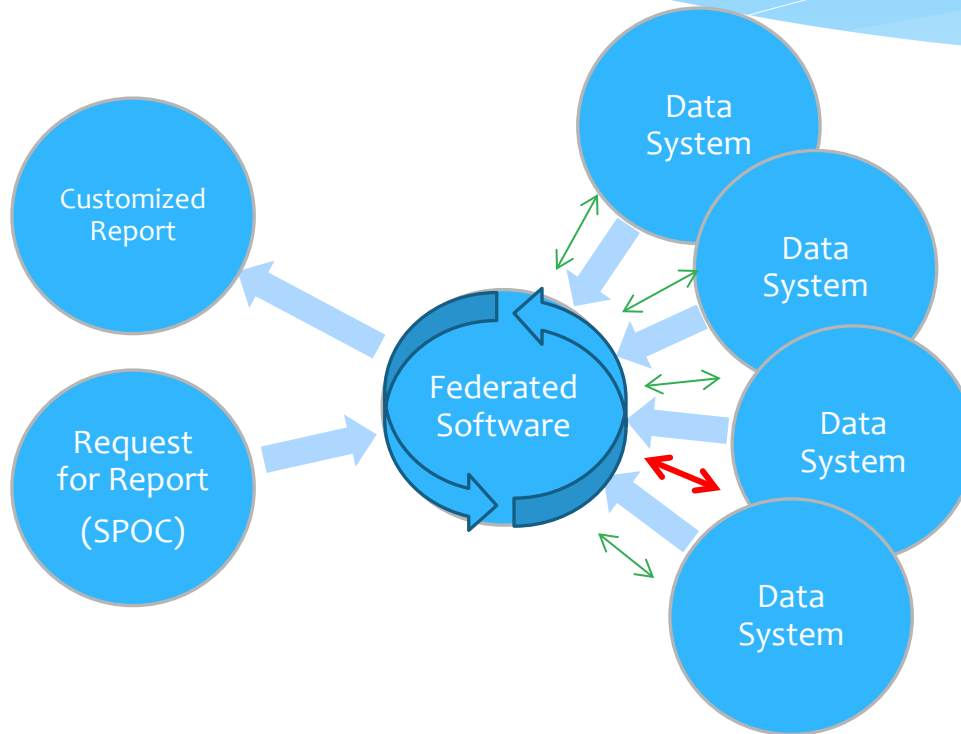* Higher up-front cost, less costly long term
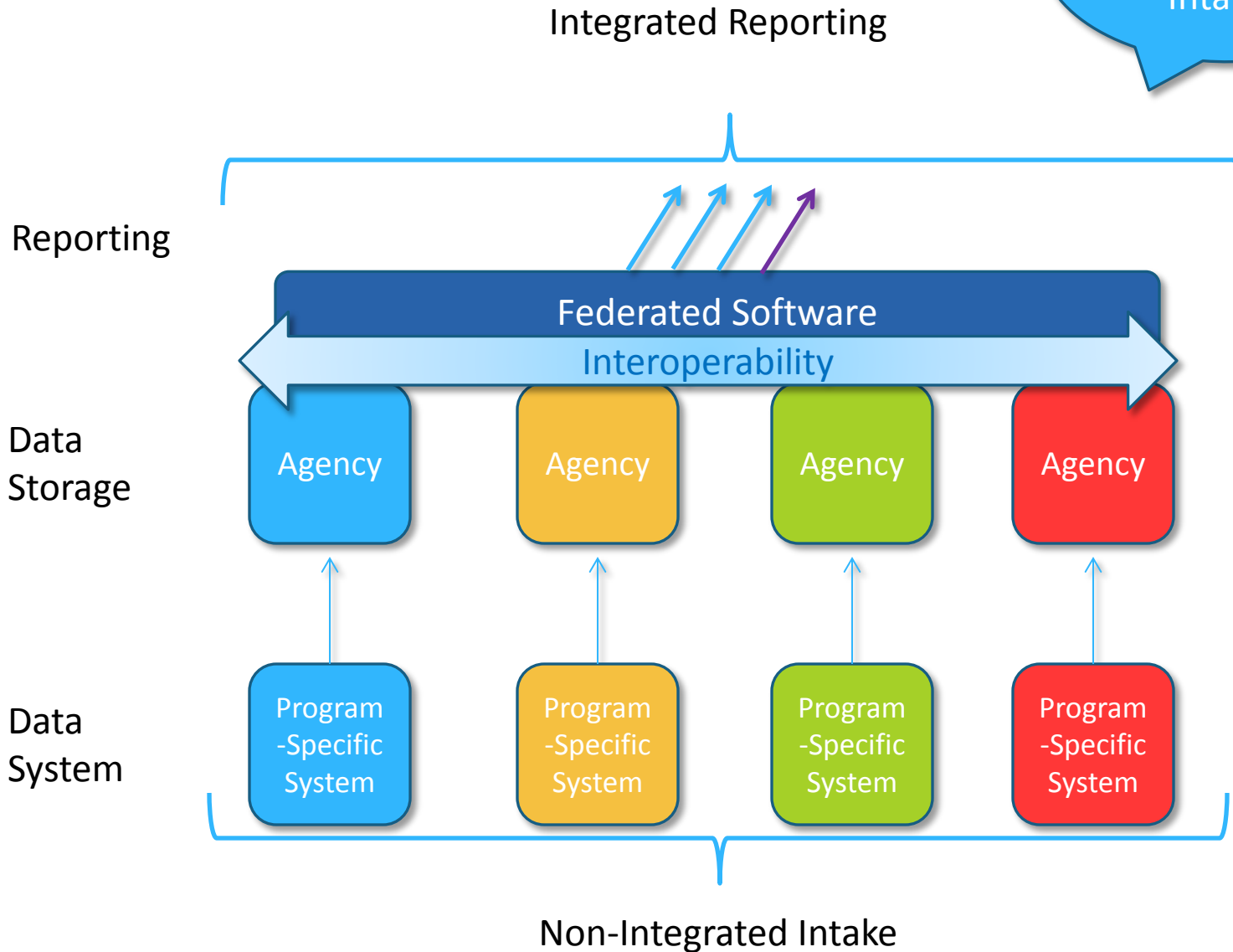
Centralized Data System

Federated Process

- **SPOC initiates**

- **Request for data is sent to all agencies;**

- **Software pulls and matches data;**

- **Matched data is not stored**

Customized Report

Request for Report (SPOC)

Federated Software

Data System

Data System

Data System

Data System

- **Agencies store their own data**

- **Agencies make a decision to fulfill request**

- **Request may be terminated at any time**

- **Each request is a one-time data pull**

- **Participant confidentiality maintained**
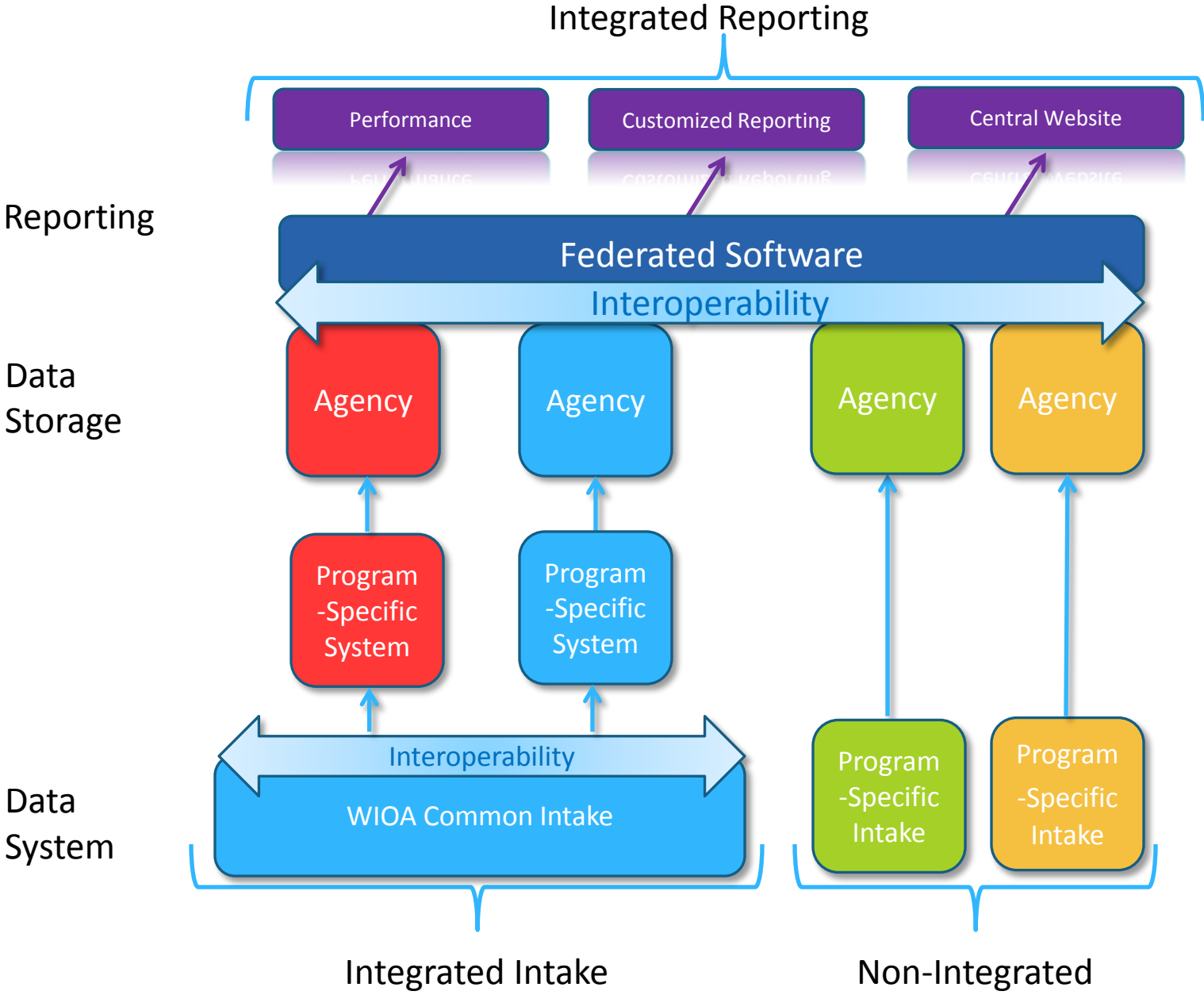
Recommendations

* How can the Brown Administration meet legal requirements while building a system that works for all the workforce and education partners?
* Integrated intake through AJCC's
    * Title(s) I-IV of WIOA
    * One-Stop Partners
    * Pragmatic – does not include TANF or CCCCO
* Customizable performance reporting
    * Federal and State requirements
    * Research
* Federated process through negotiated data governance structure
    * Participating agencies store their own data
    * Agencies share agreed upon program data
    * Capacity to build and expand in the future
* Negotiated clearinghouse for cached reports
* Shared website for workforce and education program outcomes

Hybrid Data System

Integrated Reporting

| Performance | Customized Reporting | Central Website |

Reporting

Federated Software

Interoperability

Data Storage

| Agency | Agency | Agency | Agency |

| Program-Specific System | Program-Specific System |

Interoperability

Data System

WIOA Common Intake

| Program-Specific Intake | Program-Specific Intake |

Integrated Intake

Non-Integrated

Questions