

Administration for Children and Families

Region IV State and Tribal Conference

Integrated Information Systems

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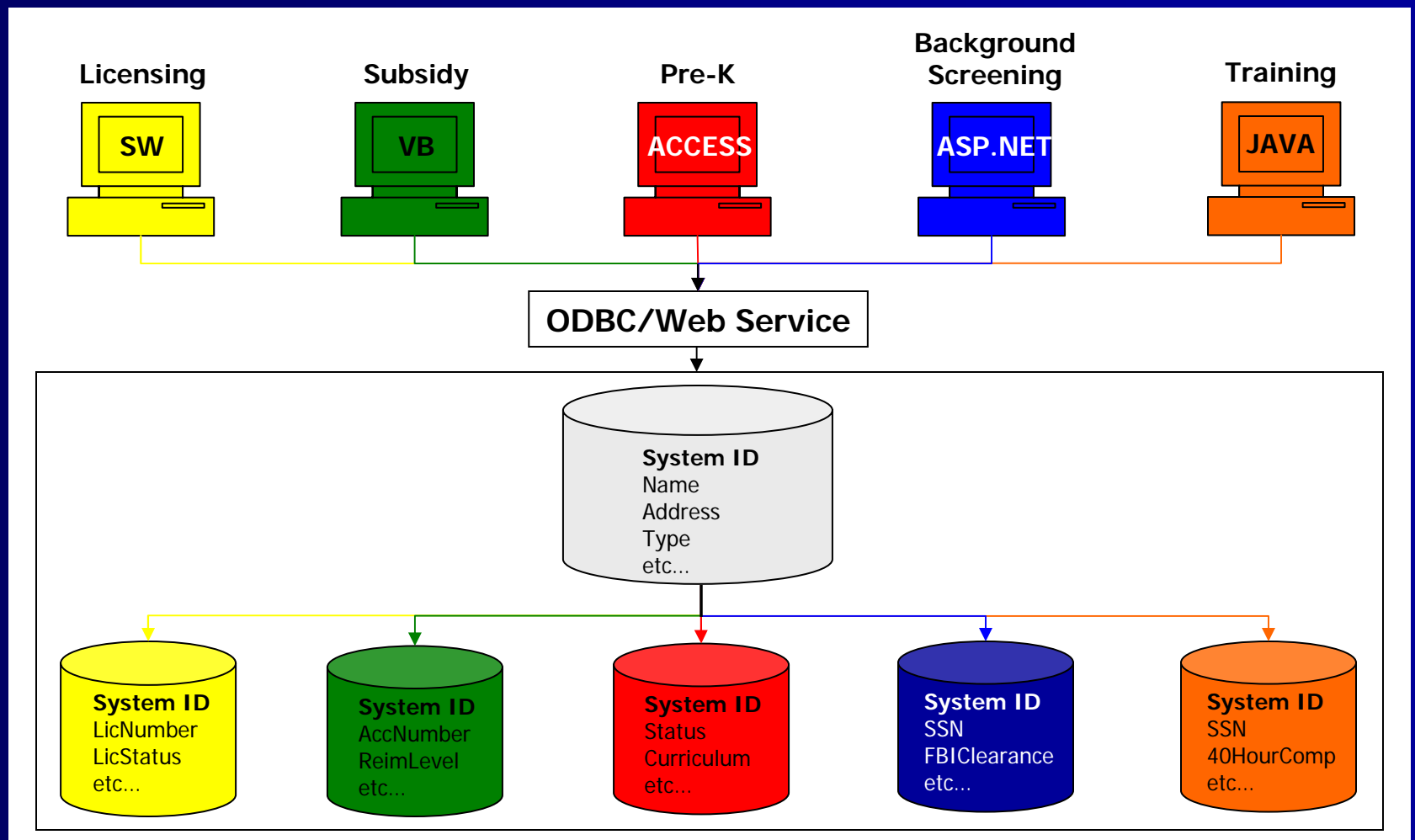
What is an "Integrated Information System?"

- Single Centralized Back-end Database
- A Variety of Localized Front-end Interfaces that Access the Centralized Back-end Database
- Common (or Shared) Data that is Accessible to Multiple Groups, Agencies or Departments
- Specific Data that is Only Accessible to Individual Groups, Agencies or Departments
- Access to Back-end Database is achieved by LAN, WAN, Intranet or Internet

Types of Information Systems

- Localized
 - A single back-end database and front-end interface used by a single group, agency or department.
- Enterprise
 - A single back-end database and front-end interface used by multiple groups, agencies or departments
- Integrated
 - A single back-end database with multiple front-end interfaces used by multiple groups, agencies or departments.

Integrated Information System Generalized Design



Integrated Information System Advantages

- Common Data Entered Once
- Data Accessibility
- Modular Architecture
- Short Development Cycle
- "Relatively" Inexpensive

Integrated Information System Challenges

- Database Design
- Establishing Data Standards
- Data Population (Conversion/Cleansing)
- Data Ownership
- Coordinating Modifications to Common Data Structure

Thank you

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