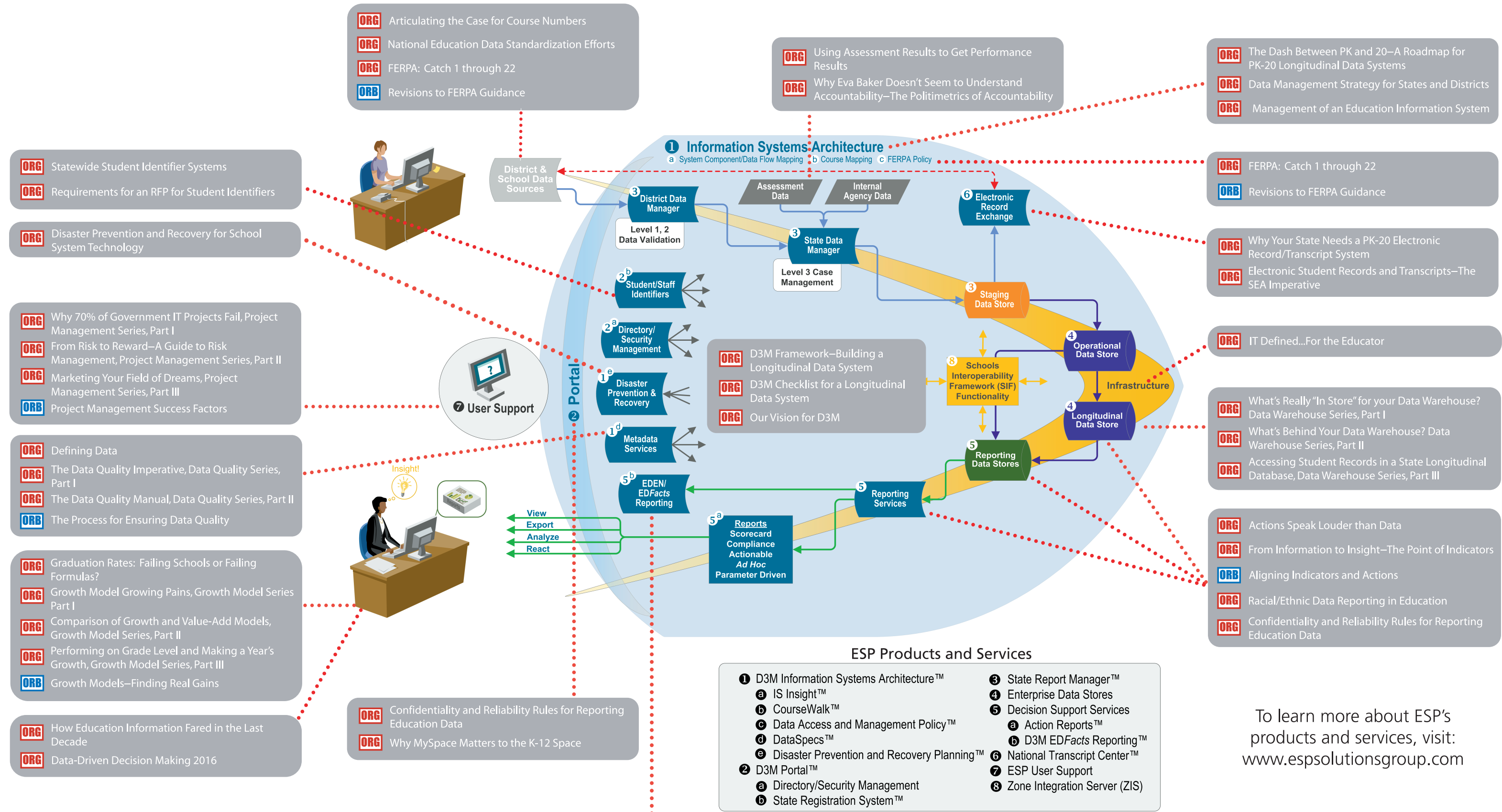# D3M Framework – Library of Resources

What does an education agency need for a successful implementation of a longitudinal data system? ESP's Optimal Reference Guides **ORG** and Optimal Reference Books **ORB** explain best practices from our extensive work with education agencies nationwide. Download these free at www.espsolutionsgroup.com/resources.

ESP Solutions Group

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- **ORG** FERPA: Catch 1 through 22
- **ORB** Revisions to FERPA Guidance

- **ORG** Using Assessment Results to Get Performance Results
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- **ORG** The Data Quality Imperative, Data Quality Series, Part I
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- **ORB** The Process for Ensuring Data Quality

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- **ORG** Comparison of Growth and Value-Add Models, Growth Model Series, Part II
- **ORG** Performing on Grade Level and Making a Year's Growth, Growth Model Series, Part III
- **ORB** Growth Models—Finding Real Gains

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- **ORG** Data-Driven Decision Making 2016

- **ORG** Confidentiality and Reliability Rules for Reporting Education Data
- **ORG** Why MySpace Matters to the K-12 Space

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- **ORG** Why Your State Needs a PK-20 Electronic Record/Transcript System
- **ORG** Electronic Student Records and Transcripts—The SEA Imperative

- **ORG** IT Defined...For the Educator

- **ORG** What's Really "In Store" for your Data Warehouse? Data Warehouse Series, Part I
- **ORG** What's Behind Your Data Warehouse? Data Warehouse Series, Part II
- **ORG** Accessing Student Records in a State Longitudinal Database, Data Warehouse Series, Part III

- **ORG** Actions Speak Louder than Data
- **ORG** From Information to Insight—The Point of Indicators
- **ORB** Aligning Indicators and Actions
- **ORG** Racial/Ethnic Data Reporting in Education
- **ORG** Confidentiality and Reliability Rules for Reporting Education Data

❶ Information Systems Architecture
a System Component/Data Flow Mapping   b Course Mapping   c FERPA Policy

District & School Data Sources

Assessment Data

Internal Agency Data

❸ District Data Manager

Level 1, 2 Data Validation

❸ State Data Manager

Level 3 Case Management

❻ Electronic Record Exchange

❷b Student/Staff Identifiers

❷a Directory/Security Management

❶e Disaster Prevention & Recovery

❶d Metadata Services

- **ORG** D3M Framework–Building a Longitudinal Data System
- **ORG** D3M Checklist for a Longitudinal Data System
- **ORG** Our Vision for D3M

❽ Schools Interoperability Framework (SIF) Functionality

❸ Staging Data Store

❹ Operational Data Store

Infrastructure

❹ Longitudinal Data Store

❺ Reporting Data Stores

❷ Portal

❼ User Support

Insight!

❺b EDEN/EDFacts Reporting

❺ Reporting Services

View
Export
Analyze
React

❺a **Reports** Scorecard Compliance Actionable *Ad Hoc* Parameter Driven

ESP Products and Services

- ❶ D3M Information Systems Architecture™
  - a IS Insight™
  - b CourseWalk™
  - c Data Access and Management Policy™
  - d DataSpecs™
  - e Disaster Prevention and Recovery Planning™
- ❷ D3M Portal™
  - a Directory/Security Management
  - b State Registration System™
- ❸ State Report Manager™
- ❹ Enterprise Data Stores
- ❺ Decision Support Services
  - a Action Reports™
  - b D3M EDFacts Reporting™
- ❻ National Transcript Center™
- ❼ ESP User Support
- ❽ Zone Integration Server (ZIS)

To learn more about ESP's products and services, visit:
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- **ORG** Recommended Data Elements for EDEN Reporting

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