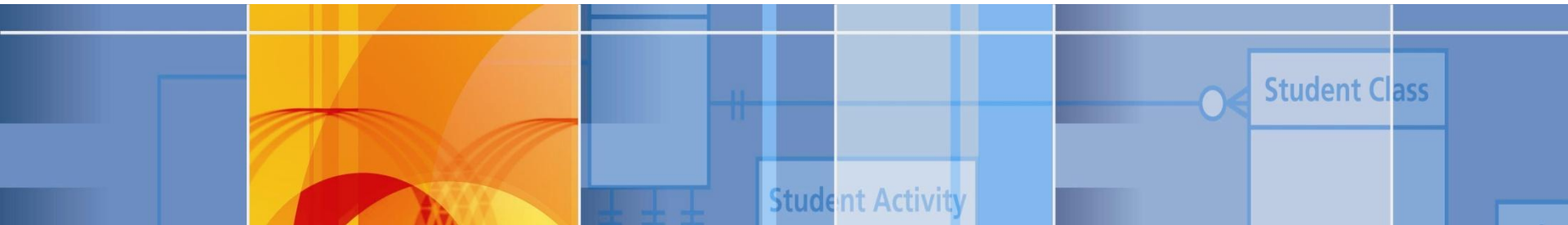
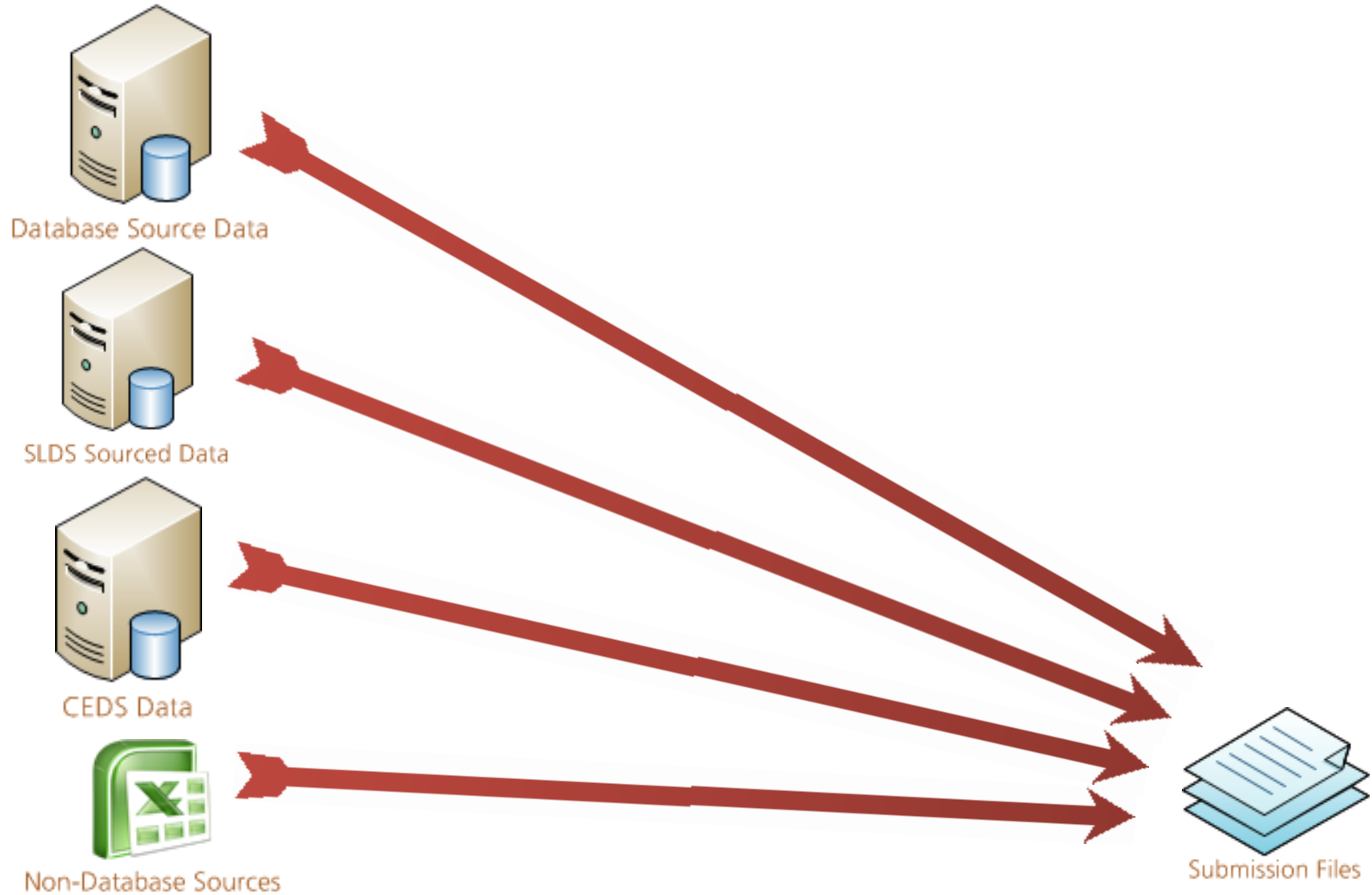


***EDFacts* Shared State Solution (ES3)**

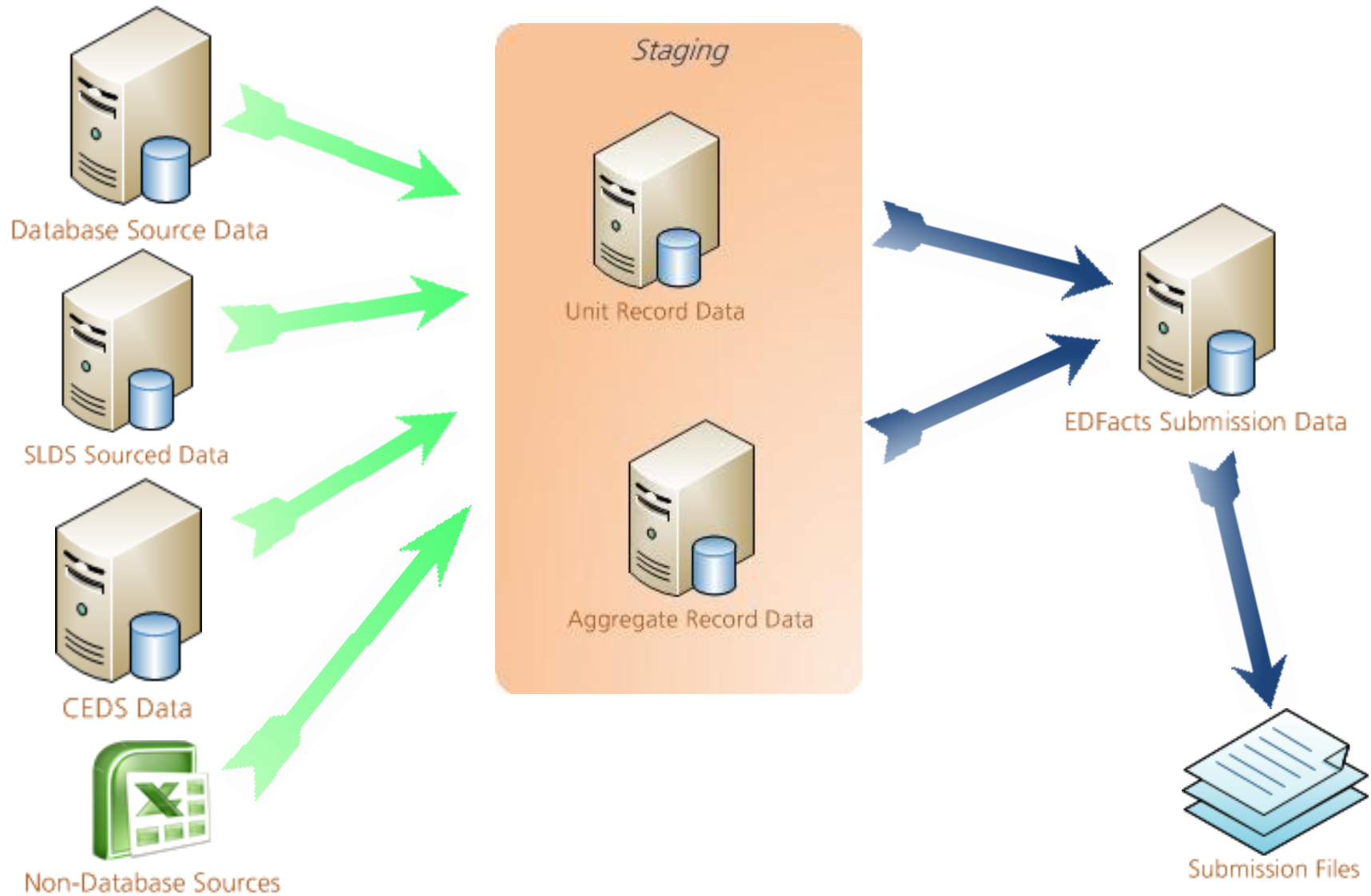
An Open Source Approach to doing *EDFacts*



Original ED*Facts* Data Flow



ES3 Architecture/Data Flow



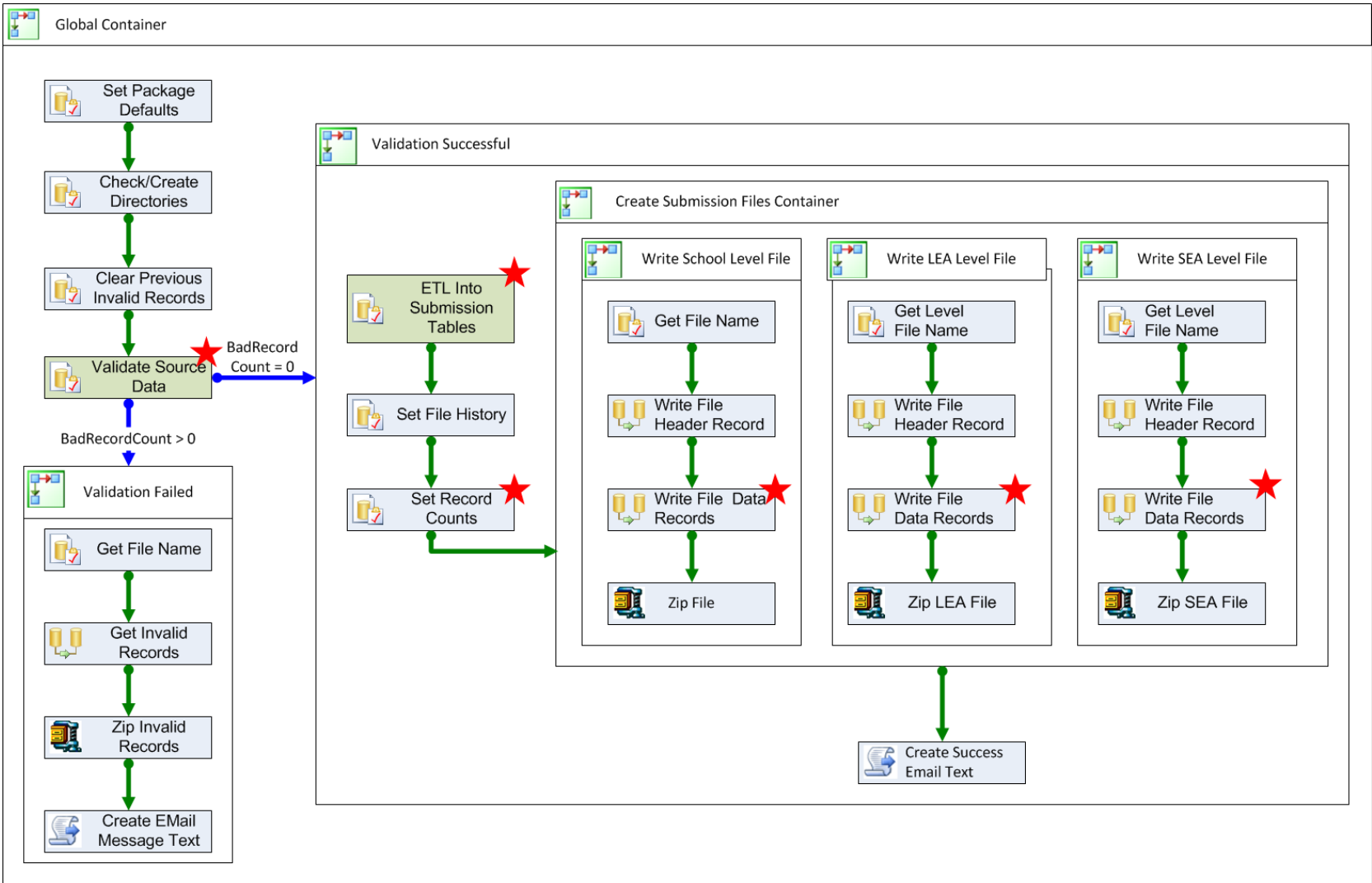
Why a Third Party Had To Do This

- States have been more than willing to share their efforts
 - State Specific Codes or Assumptions Built into the Routines
 - Documentation is “Spotty,” Especially State Assumptions
 - Most Solutions not Designed for Easy Customization
- ESP Had To Do This
 - Multiple Clients
 - Multiple Approaches
 - Each a “Work for Hire” with Public Funds
 - Deep Understanding of the Pain

Design Principles

- Standard Microsoft Stack
- Staging Tables Aligned with CEDS, Other Standards
- Modular and Designed Expecting Change
- Template Approach to Design
- Compartmentalize Customization for a Specific State
- Minimize Footprint and Security Exposure
- Email Notification of Processing Results
- Attachments are Zipped and can be Password Protected
- System Logging and Auditing
- Validation Reports
- Management and Operational Reports

Consistent and Robust Template



Web Management System

Welcome EDU\sking ! [[Log Out](#)]

EDFacts Shared State Solution (ES3)

- ⊕ [SSIS Package Execution](#)
- ⊖ [Directory Data Review/Edit](#)
 - ⊕ [LEA Directory Review/Edit](#)
 - ⊕ [School Directory Review/Edit](#)
- ⊖ [Configuration](#)
 - [State Code Translation Table](#)
 - [State Configuration](#)
 - [State Characteristics](#)
 - [Submission File Characteristic](#)
- ⊖ [Management Reports](#)
 - [EMail Log Review](#)
 - [Submission File Creation History](#)
 - [SQL Agent Job Status](#)
 - [SSIS Package Task Log](#)

[User Manual](#)

Welcome to the EDFacts Shared State Solution Management System

This solution was developed for Idaho State Department of Education

Version: 1.0



ESP Solutions Group



ESP Solutions Group

System Documentation



- Development Guide
- Deployment Guide
- Web Interface User Manual
- Web Interface Installation and Configuration Guide
- Submission Package Documentation

Benefits

- Based on CEDS and Other National Standards
- Shared Risk with Other States
 - ID, ME, MO, SD, TN, USVI
- Minimized and Shared Maintenance
- You Own and Can Manage
- Multiple Users and Development
- External Coordinator Back-up
- Distributable File Creation
- ES3 Partner Association

ESP *EDFacts* Experience

- Ground Floor EDEN/*EDFacts* Design Support to USED
- Designed and Built the *EDFacts* XML Validation Schemas and XSLT Transform system
- EDEN State Site Visits (2003 and 2004)
- Multi-state *EDFacts* Reporting
 - (DE, LA, NC, NH)
- SEISS Team
- ES3 used as reference model for CEDS and *EDFacts*

Nobody Has More Experience



ESP Solutions Group