Ohio Department of Education

EMIS Redesign

‘The Continuing Saga’

Presented by: Nancy Haefeli, EMIS Project Manager
Office of Information Policy & Management
April 2010
Overview

- EMIS Redesign
  - Current Project Status
    - Data Conversion
    - Testing
    - ETL
    - Validations
    - SSID Enhancement
  - Performance Period
Current Project Status

• Current Focus Remains the Same
  – Top Three Areas
    • Data Conversion
      – Contractor responsible for FY06-FY08 data
      – ODE responsible for FY09 data
      – Level 2 Validations dependent on conversion
    • User Acceptance Testing (UAT)
    • ETL – Moving data from Staging to Operational Data Store (ODS)
      – Level 2 Validations
  – Additional Area – SSID Enhancement
Current Project Status

• Data Conversion
  – Two step process
    • Legacy ODS to Staging
      – This is the step where the majority of work is involved
        » Bad data issues
        » Changes in data requirements
    • Staging to New ODS
      – This uses the same basic ETL as will be used to move data submitted, via the Data Collector, by LEAs to the new ODS
Current Project Status

• Data Conversion
  – Currently moving FY06-FY08 data in Production environment
    • First step is completed
    • Based on current estimates 2\textsuperscript{nd} step may take up to 12 days to complete
  – Currently working on FY09 in QA
    • Should be going to Production as soon as FY06-FY08 data move completes
Current Project Status

– User Acceptance Testing continues
  • DASL/eSIS Agents
    – Includes manifests
  • USPS and USAS
    – UAT has been completed
  • Data Collector and Report Collector
    – Performance Period ready
Current Project Status

• ETL
  – Used to move data from the Staging to new ODS
    • Data Conversion
    • Submitted via the Data Collector
  – Performance improvements still needed
Current Project Status

• Validations
  – Level 1 – Contained in the Collection Requests (Manifests)
    • They are not 100% but these will not hold up the next phase – Performance Period
    • They will continue to be worked on throughout the remaining time of the contract
    • ODE will be responsible for the reporting period updates
Current Project Status

• Validations
  – Level 2 – Contained in the ETL
    • Still being worked on (Data Conversion has been main focus for IBM)
    • Cross year/reporting period checks are dependent on the Data Conversion to be completed
    • With Data Conversion going on in QA and PROD no current year data is being processed by the State in either environment at this time
Current Project Status

• SSID Enhancement – Student Locator Framework (SLF)
  – This past Friday, a new SLF agent was released addressing the issues identified when first released state-wide.
  – ITCs are being cautious about getting districts using the system until a suitable level of confidence is reached
Performance Period

– One Phase, One Collection Request Per Reporting Period

• Those that use DASL, eSIS, USPS should use the SIF Zone as a source for collection
  – Data Sources should also be selected for those files not in one of the three identified software above
    » Only the flat files record types need to be uploaded to the Data Collector

• Flat file submitters will simply chose Data Sources for their collections and upload their flat files
Performance Period

- Projected Start Date – ????
- Collection Requests – Potential
  - October
  - March
  - 5 Yr Forecast
  - Yearend
- Performance Period Plan will be updated