



Building or Improving Your Local Warehouse

**CDMs, LAMs, IDMs
and Other Stuff**

January 3, 2008

A decorative graphic consisting of overlapping colored squares (yellow, red, blue) and a black crosshair.

Key terms

- EDW – Education Data Warehouse – It actually means the warehouse with just the State/DOE data, but we often use it to describe the TetraData system in general.
- CDM – Common District Model – One type of local warehouse where the SU/SD is submitting course-class-schedule data as well as local assessment or other data.

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Key terms

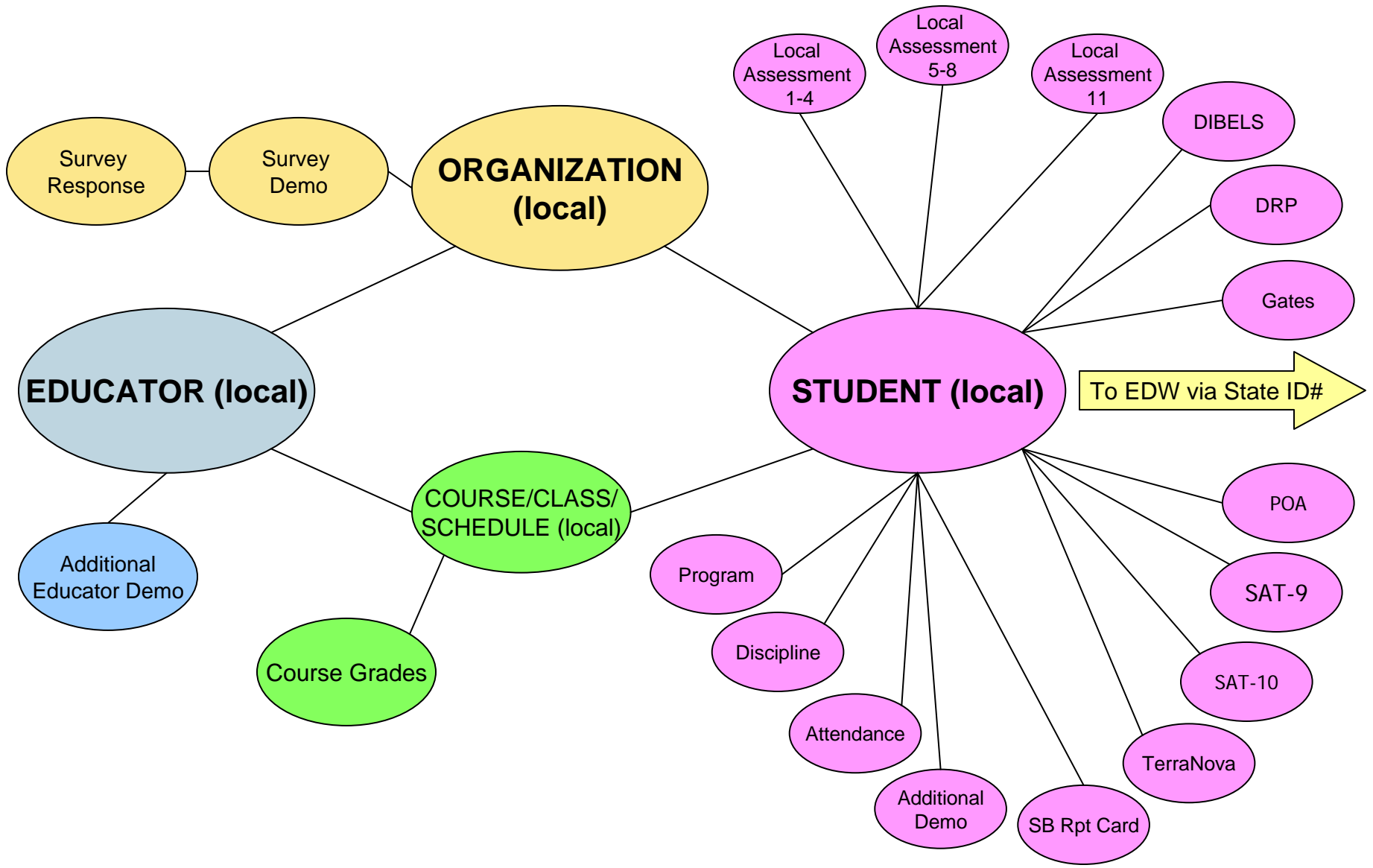
- LAM – Local Assessment Model only – Another type of local warehouse where the SU/SD only submits a local assessment and the other 'core' objects needed by the model are generated by a process TetraData developed.
- IDM – Integrated Data Model – A view of multiple warehouses that allow a user to work with both their CDM/LAM and the EDW connected by the state student id#.



Summary Timeline

- October 2005 - EDW online with DOE/State data and user accounts with security
- April 2006 – First Local Data Summit training for building local warehouses
- Spring/Summer 2006 - First local warehouses rolled out
- Fall 2007 - 10 SUs now have some level of a “released” local warehouses and 5 additional SUs are at various other stages of completing their initial local warehouses.

Complete Common District Model (CDM)



A decorative graphic consisting of overlapping yellow, red, and blue squares with a black crosshair.

CDM vs LAM

	CDM	LAM
Connect Teacher and Student through schedule data	✓	
Adds local assessment, demographic or other information	✓	✓



Minimum Required Objects

Required objects to add one local assessment or course grades to your local warehouse

	L_Class	L_Course	L_Educator	L_Organi- zation	L_Schedule	L_Student	L_Course_ Grade	L_Assess- ment_1
1) CDM for 7-12 SU/SD (i.e., all students have detailed schedules)	X	X	X	X	X	X	X or	X
2) CDM for K-12 SU/SD (i.e., some students have detailed schedules)	X*	X*	X	X	X*	X (w/ homeroom for students w/out detailed schedules)		X
3) CDM for K-6 SU/SD (i.e., students do NOT have detailed schedules)			X	X		X (w/ homeroom)		X
4) LAM (any grade configuration)				X				X

*Records in files only needed for students with detailed schedules.

Brief Summary of Data Flow

Prepare Extracts with local procedure and upload to FTP site

Work with VDC staff and tools to produce extracts and upload to the FTP site

Upload "raw" electronic files to the FTP site from SIS or other source and VDC staff will help prepare extracts

VDC staff works with the TetraData tools and the Oracle environment maintained by DOE to process the data. These steps will likely uncover data "exceptions" that will need to be corrected.

Once the "exceptions" are sufficiently low (<3%), the data will be loaded into your local warehouse for additional QA by VDC and local staff before it is "released" for local use.

CDM Directory Structure

- [-] SUXXX_XXSU
 - [-] CORE
 - L_CLASS
 - L_COURSE
 - L_EDUCATOR
 - L_ORGANIZATION
 - L_SCHEDULE
 - L_STUDENT
 - [-] PARA
 - L_ATTENDANCE
 - L_COURSE_GRADE
 - L_DISCIPLINE
 - L_EDUCATOR_DEMO
 - L_PROGRAM
 - L_SB_RPT_CARD
 - L_STUDENT_DEMO
 - [-] TEST
 - L_ASSESSMENT_1
 - L_ASSESSMENT_2
 - L_ASSESSMENT_3
 - L_ASSESSMENT_4
 - L_ASSESSMENT_5
 - L_ASSESSMENT_6
 - L_ASSESSMENT_7
 - L_ASSESSMENT_8
 - L_ASSESSMENT_11
 - L_DIBELS
 - L_DRP
 - L_GATES
 - L_POA
 - L_SAT9
 - L_SAT10
 - L_SURVEY_DEMO
 - L_SURVEY_RESPONSE
 - L_TERRANOVA



Local Warehouse Contact Info

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