



ASSIST

Arizona State System for Information on Student Transfer

*APASC Presentation
September 10, 2002*



What Is ASSIST?

A statewide data warehouse with student records from all Arizona public community colleges and universities....

CC Data: Annual Files

UNIV Data: Semester Files

ASSIST

File Submission Status

As of August 2002

University	UNITID	94-95	95-96	96-97	97-98	98-99	99-00	FA00	SP01	FA01	SP02
ASU	104151	O	O	O	O	O	O	O	O	O	O
NAU	105330	O	O	O	O	O	O	O	O	O	O
UA	104179	O	O	O	O	O	O	O	O	O	O

Shaded areas indicate files have been loaded into ASSIST.

O = All Data Submitted

E = 21-Day Enrollment Only

ASSIST

File Submission Status

As of August 2002

Comm College	UNITID	93-94	94-95	95-96	96-97	97-98	98-99	99-00	00-01
Az Western	104160	O	O	O	O	O	O	O	O
Central	104346	O	U	O	O	O	O	O	X
Cochise	104425	O	O	O	O	O	O	O	O
Coconino	404426	U	U	U	U	O	O	W	W
Eastern	104577	O	O	O	O	O	O	O	O
Maricopa		O	O	O	O	O	O	O	O
Mohave	105206	O	O	O	O	O	O	O	O
Northland Pioneer	105349	O	O	U	U	U	U	O	O
Pima	105525	O	O	O	O	O	O	X	W
Yavapai	106148	O	O	O	O	O	O	O	O

Shaded areas indicate files have been loaded into ASSIST.

O = ASSIST team received original file

R = Historical ASSIST file submitted with corrections (Original submission currently loaded)

U = Unavailable for submission (Not recoverable)

W = Work-in-progress at institution

X = Original ASSIST file rejected due to format errors. ASSIST file needs to be resubmitted with corrections.



Who Makes Up the ASSIST Community?

- **Steering Committee**
 - *One member from each institution*
 - *Directs and monitors the administration of ASSIST*

- **Technical Committee**
 - *Extension of the Steering Committee*
 - *Addresses issues related to data quality and reporting*



Who Makes Up the ASSIST Community?

- Production Team
 - *Project Leader (Joseph Matt)*
 - *Project Coordinator (Melinda Gebel)*
 - *Principal Technical Analyst (Dan Moore)*
 - *User Support and Training (Nancy Dickson)*
 - *Database Administration (John Rome)*
- ASSIST Users at Each Institution



History of ASSIST

- 1988 Community colleges established goals and objectives for a statewide database (ASSIS)
- 1995 Community colleges began submitting data to ASSIS
- 1996 Universities began submitting data to individual community colleges



History of ASSIST

- 1996 TATF released report on the New Transfer Model, recommending the implementation of a Transfer Student Data Warehouse (TSDW)
- 1997 University and community college boards signed MOU to build the data warehouse under the direction of ASU



History of ASSIST

- 1998 State legislature appropriated funds, matched by institution resources, to build prototype (ASSIST)
- 1999 Security plan was approved by legal counsel and adopted by APASC, the community college districts, and the governing boards
- 2000 ASSIST fully implemented



ASSIST Security Plan

Joint Resolution

- Arizona Board of Regents
- CC State Board of Directors
- CC District Boards

ASU Agreement

- ASU Sr Vice Pres/Provost
- CC District Presidents

Nondisclosure Agreement

- Researchers with access



Security Issues

- How to Protect Student Privacy (FERPA)
 - *Personally identifiable data elements replaced with anonymous ASSIST ID*
- How to Prevent Misuse of Data
 - *ASSIST to be used solely for research and activities consistent with research, with focus on transfer-related issues*

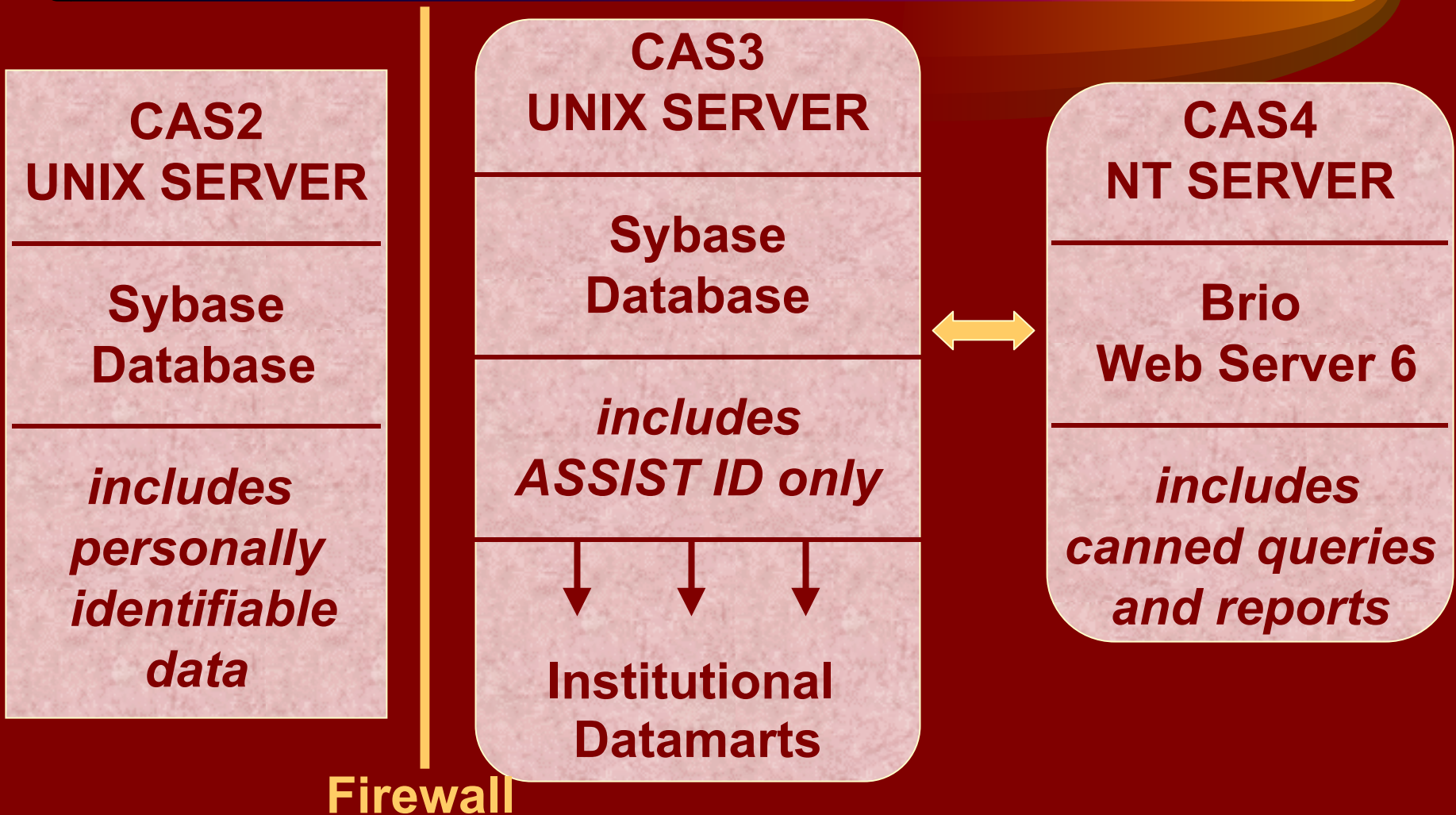


Security Issues

- How to Retain Institutional Control
 - *Individual datamarts created for each institution*
 - *Institutions can only access the records of students who attended their institution*
 - *Only employees of the institution can obtain authorization to access that institution's data*



ASSIST Architecture





What Does ASSIST Do?

- Allows community colleges to track their students through the transfer process and to assess the effectiveness of the new transfer pathways
- Provides the means to meet state and federal reporting requirements in a cost-effective way



What Does ASSIST Do?

- Serves as a valuable decision support tool for institutional policy makers who need answers to help them address curricular reform issues



What Does ASSIST NOT Do?

- Does not allow an institution to have access to ALL records from another institution
- Does not allow an institution to match records from ASSIST against their own student information systems



What Does ASSIST NOT Do?

- Does not provide access to system-level data, only to institution-level data



ASSIST Website

www.asu.edu/assist



What Questions can ASSIST Answer?

- How many community college students transfer to an Arizona public university?
- What majors do they select?



What Questions can ASSIST Answer?

- How well do community college students perform in their first semester at the university?
- How well do they perform in specific university classes?



What Questions can ASSIST Answer?

- How many community college students complete a baccalaureate degree?
- What types of degrees do they complete?



What Questions can ASSIST Answer?

- What is the completion rate for new full-time degree-seeking community college students? (SRK/GRS)



What Questions can ASSIST Answer?

- How many vocational program completers enroll at a university within three months? (Carl Perkins)



What Questions can ASSIST Answer?

- How many community college students enter a university with an AGEC or Associate Degree?
- What pathways do they select?



What Questions can ASSIST Answer?

- How many students begin at a community college, complete an associate degree.....transfer to a university, and complete a baccalaureate degree?