



4.3 Current Environment Assessment: Application and Technology Infrastructure Assessed against SFA Modernization Technology Drivers

SFA Modernization Technology Drivers	Campus-Based Program
Use of automated development & testing tools - CASE Tools - COTS products	No No
Application dev. based on consistent standards - CORBA, JAVA BEAN,EDI - Data Dictionary/encyclopedia - DB Triggers/Stored Procedures (implement business rules) - Standard SQL	No Yes No No
Web-enabled technologies - Web-enabled - Thin Clients	No No
Network architecture provide standards-based means of linking systems - TCP/IP - ATM	Yes it is available No
Data storage - rapid access, update, and retrieval of data over period for which the data is stored	Ad hoc reporting done by periodic uploading data to PC
Decision support tools - relational database tech. - data warehouse - ad-hoc query tools (against real-time data)	No No No - Mainframe download to PC
Modernized N-Tiered computer infrastructure	No
Use of lightweight directory access protocol (LDAP) – repository for distributed objects	No
COTS middleware products which tie the N-tiered architecture together - Tuxedo	N/A
Assurance of data privacy (via Web) – business channels have access to relevant public data as well as their own private data	N/A