Enterprise Data Ecosystem
(Managed by Information Quest)

Authoritative Systems that Feed the IDS
Sample Mainframe-based legacy systems
Core Financials, Payroll and Faculty HR (FRMS)
Core HCM and Payroll (HRMS)
Student records (NRRECS)
Student Admissions (ADM)
Organizational Hierarchy (Department system)
Other On-Premise Systems
Facilities (FAMIS)
Service and Incident Reporting (Footprints)

Cloud-Based Systems
Core Financials, HCM and Payroll (Workday 2017)
Staff and Compliance Training System (UTLearn)

Mainframe
Footprints, FAMIS, ETC

Data Sources
Ongoing Research and Development
Big Data: Hadoop
Computing and Storage: Amazon Web Services
Data Virtualization: Capsenta

Infrastructure
Data Subject Areas Available:
Academic (Admissions, Instructional Reporting, Registrar, International Office)
Financial (Accounting, Budget, Fee Billing, Inventory, Plant Funds, Purchasing, HUB)
Financial Aid (Student Records, Award Details, Family Income)
Housing and Food (Family Account/Family Member, Res Hall and Apartment Contract info)
Human Resources (Employee Biographical/Compensation, Appointment, Assignment, Benefits, Job Applicant)
Payroll (Employees, Appointments/Faculties/Assignments, Dependents, Leave requests), JIS (Personalities, SIS/ERP)
Research (Proposals/Research, Research Expenditures)
Space (Facilities planning and reporting)

ETL
Discovery, Transformation, Validation

Institutional Data Store
(Oracle, Mongo DB)

Access Tools
Cognos Reporting (for unit-level authoring and pre-built cube and reports access)
Tableau as a service (hosting of unit and enterprise visualizations publicly and on campus)
Data integrations and services (for downstream systems)
Research and data analytics tools (SAS, SPSS)
Data Cookbook (authoritative institutional definitions and mapping)

BI Center of Excellence
Governance, Presentation, Documentation, Training

Customer Business Value
Overall:
Authoritative Source for Historical Data
Highly Available Institutional Data
University-wide for all units:
Financial/HR Reporting
Customer Access Tools
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University and State Partnerships
State of Texas Data Governance and Special Interest Group
Development Office (Cognos Reporting)
FAMIS (Cognos Reporting)
Athletics (Tableau/Enterprise Server)

Other Department Data
Others (AFR, AFR, ASMP)

Research and Development
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Customer Business Value
Overall:
Authoritative Source for Historical Data
Highly Available Institutional Data
University-wide for all units:
Financial/HR Reporting
Central units with Financial responsibility:
Annual Financial Report
Budget Development support
Transparency Reporting - Procurement & Contracts (Public)
Alumni/Donor:
Development Office: Cognos Reporting - Grants, Gifts, Endowments, Biographical
Central units with Human Resource and Payroll responsibility:
Institutional Equity Federal Reporting
Affordable Care Act/Equifax Federal Reporting
Central units with Faculty responsibility:
Faculty Web Portal (Provost Office, Customers)
Central units with Student responsibility:
Enrollment Analytics
Student Programs Database
Student Posting Plus Initiative Web Portal (Provost Office, Students)
Central units with overall reporting responsibility:
Institutional Reporting – Statutory/Regulatory/Mission Critical (IRRIS, Provost Office)
Facilities:
FAMIS (Cognos Reporting)
Academic units:
Academic PBIS Reporting
Matriculation Dashboard
Enrollment Analysis
TAC Web Portal

Updated March 2016