Information Technology Systems

Utah State Board of Education
Large part of USBE time spent hunting, gathering, and cleaning data from LEAs and USBE systems rather than understanding and interpreting data:

- Large margin for costly errors
- Inefficiencies in staff time and wasted resources (USBE and LEAs)
- Difficulty standardizing reports
- Data security issues
Path to the Current State

• Single system points of failure
• Ad hoc development
• Ad hoc modification
• Lack of architectural design standards, tools, and processes have led USBE systems to current state
End State

Planned funding use for application untangling or rebuilding

• Untangle requires rebuilding various aspect of applications
  • May be expensive - impacts all USBE systems
• Complete rebuild requires reimagining operations
  • May be less expensive - permits USBE to achieve end state
Detailed Plan

To explore, develop, implement USBE System Bridging and Business Intelligence

- Hire a Pathfinder Team 3+ program managers to define stakeholder requirements 1-2 years ($500K - $1M/per year)
- Hire systems architect team to design enterprise USBE solution architecture 1 year ($500K - $800K)
- Identify and procure system integration tools to implement plan $200k+
- Solution Roadshow - To communicate plans and progress to LEA’s
- Bridging/BI solution development and implementation ($ Unknown)
- Decommission integrated, replaced, and obsolete systems ($ Unknown)
Detailed Plan

- Pathfinder Team: Stakeholder requirements
- 2020: System integration tools
- 2020: Enterprise architecture
- 202X: Decommission integrated, replaced, and obsolete systems
- 202X: Bridging/BI solution development and implementation