



# Information Technology Systems

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Utah State Board of Education

# USBE Current State of Systems and Data Collection

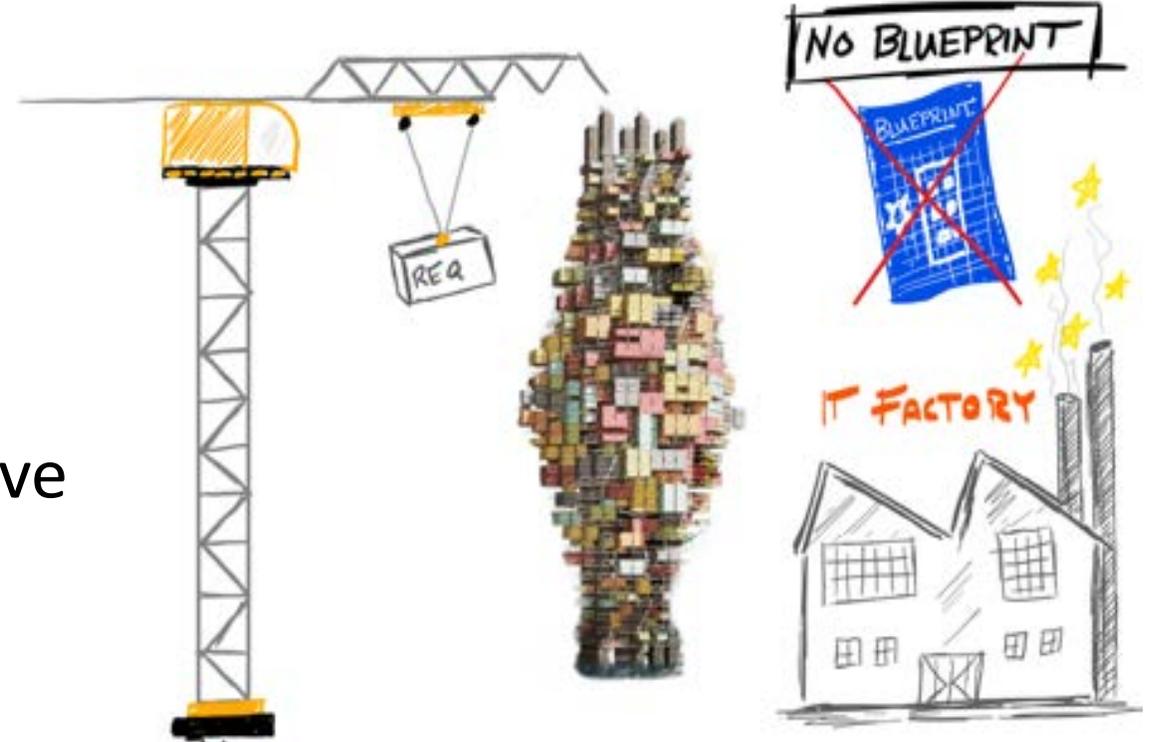
Large part of USBE time spent hunting, gathering, and cleaning data from LEAs and USBE systems rather than understanding and interpreting data:

- 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

## USBE and LEA Systems Bridging for Business Intelligence



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

