Public Education Business Intelligence (BI) by Bridging Funding Request

Business intelligence (BI) can be described as "a set of techniques and fully integrated data sharing systems" for the acquisition and transformation of raw data into meaningful and useful information for business (financial and student outcomes) analysis purposes.

**USBE Business Intelligence**

<table>
<thead>
<tr>
<th>$5,000,000.00 over a three year development and bridging period</th>
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<td><strong>PURPOSE of Funding:</strong> To Fully Integrate all of the state and LEA systems to ensure automated data standards, reporting, auditability, monitoring, and analysis for decision making purposes through identified solutions such as software, technology refresh, and/or programming (bridging strategies) that facilitate a fully functional Business Intelligence capability across the Utah State Board of Education Information Technology and Data and Statistics infrastructure</td>
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This could have been avoided had the USBE had end to end, real time, data monitoring capabilities either through one end to end system or a Business Intelligence (BI) capability with real time fully integrated expenditure and student outcome data (i.e. graduation rates) and correlations (follow the link): [https://www.sltrib.com/news/2018/03/04/a-salt-lake-city-principal-traveled-the-world-promoting-his-innovative-high-school-while-it-fudged-graduation-rates-and-spent-thousands-on-treats-and-video-games/](https://www.sltrib.com/news/2018/03/04/a-salt-lake-city-principal-traveled-the-world-promoting-his-innovative-high-school-while-it-fudged-graduation-rates-and-spent-thousands-on-treats-and-video-games/)

There is a high risk that similar situations or occurrences are happening across our State-funding this will allow for: **School Level Reporting Capabilities**

The $5,000,000.00 sets the path towards system integration by way of solutions and integration for real time, reliable data

Decision makers have indicated that investing *tens of millions of dollars* into one end to end system made up of all components is not an option due to cost, time, and effort

Our next best course of action is to integrate systems through bridging strategies using software, technology refresh, reprogramming, system procurement, and/or eliminating redundant systems over a three year period

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**Must fund procurement of or hire system architects/problem solvers to augment our day to day operations staff to get to what right looks like for BI capability**

$600,000 over three years

**Total $1.8M**

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**Must fund solutions to:**
- Integrate 9 SISs and their data
- Integrate 7 Financial Systems and data
- Integrate Procurement data
- Integrate Educator systems and data all into one BI warehouse capable of providing precise and real time data

**Total: $3M**

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**Must fund System architects/problem solvers troubleshoot systems and test system products for integration purposes**

They must have resources for materials and supplies to increase the ability to identify current system shortfalls and issues to identify fully integrated solutions and get to......

**Total: $200,000.00**