

## Business Intelligence and Small Scale Applications in Human Services

April 14, 2014

Q: Are there any specific development tools DHS prefers or requires?

A: For application development .net Framework is used; however this tool is not required.

Q: Are there specific technologies or systems the applications would need to integrate with? As an example, in a scenario where a child welfare case worker is working across departments to make a decision about family placement or another high value decision, would DHS be looking for a tool that can provide the case worker a single view of all data for that child and family across the relevant existing data tools relevant to the case (i.e., Mainframe, KIDS, ALDA, CCBH, eCaps, and LIFT)?

A: DHS currently has a tool that displays integrated data from the data warehouse for decision-making, and has developed requirements for a new version of this tool that would be made available to external providers and clients, in addition to internal users. This tool has not been built yet. DHS looks to integrate systems and technologies based on business and operational needs. This integration does not happen at the source system level or through an application mechanism; rather information to be integrated is extracted from the source system into the data warehouse, and thus the warehouse is the repository of integrated data. Any system seeking to display or use this data would only need to access the warehouse database.