

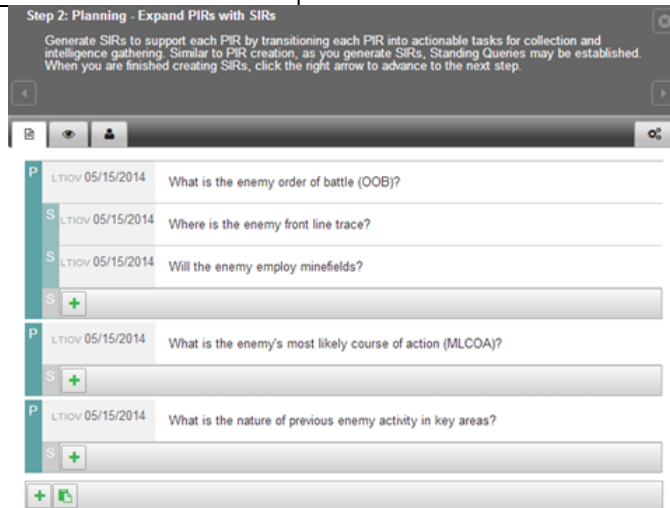
**Charles River Analytics**

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**SINCE ITS FOUNDING IN  
1983****496 SBIR Awards****175 Employees****N/A Socioeconomic Category****No Patent from SBIR/STTR****Solicitation:***Common Operating Picture for Information Operations***DARPA SBIR Sponsor****SB072-033 Topic Number****Human Impact Primary Innovation****Improved Performance Secondary Innovation****Streamline Intelligence Activities to Overcome  
Data Overload**

To augment the tools currently available to intelligence analysts, this SBIR topic addressed development of software tools to visualize, reconcile, and synthesize data, assisting analysts in producing a diverse range of intelligence assessment products.

Charles River Analytics developed a linked, integrated, visual system for intelligence operations (LIVIO), with a specific focus on providing a single clearinghouse for tactical intelligence. It provides workflow automation and guidance to intelligence analysts to assist in assembling and standardizing intelligence procedures at the tip of the spear. Its common data structure encourages dissemination of best practices and enables customization of assessments for individual needs and audiences.

**IMPACT TO MISSION**

Company Intelligence Support Teams (CoISTs) personnel has the daunting task of synthesizing information from numerous sources for different audiences, generally without formal intelligence training. LIVIO enables tactical units to develop intelligence products uniquely tailored to their environment and mission, while simultaneously providing superior and subordinate commanders with the information required to form a coherent common operating picture.

**BEYOND PHASE II**

Under a Rapid Innovation Fund effort, LIVIO has successfully transitioned to the US Army Combat Capabilities Development Command C5ISR Center (previously Communications-Electronics Research, Development, and Engineering Center) to provide an integrated and customized solution.