

## Abstract

Charles River Analytics designs and develops intelligent, innovative technologies for use in space-based systems. We have extensive experience working with customers in the space domain and understanding their problems and the unique constraints imposed by this domain. We develop intelligent, innovative software to support planning, optimization, automated reasoning, machine learning, and data fusion. We have experience applying these technologies on both DARPA programs and on programs with space customers. We are looking to join a PHOENIX team that can leverage these capabilities to rapidly and predictively identify satellite repair needs and to provide intelligent re-use of limited satellite components.

