



caBIG Strategic Vision & Goals

caBIG Strategic Vision

The caBIG pilot is being coordinated through the National Cancer Institute (NCI) and the NCI Center for Bioinformatics (NCICB) to support the following vision:

Provide cancer research infrastructure via a virtual web of interconnected organizations and individuals to leverage the combined strengths of Cancer Centers and investigators and enable the redefinition of:

- The methodology of cancer research
- The delivery of patient care
- The interaction and relationship of the patient/participant with the biomedical research enterprise

This will be achieved through the sharing of cancer research tools and cancer research data that meet common needs.

caBIG Strategic Goals

The caBIG initiative aligns with key strategic goals and priorities of the US Department of Health and Human Services (HHS), the National Institutes of Health (NIH), the NCI and the NCICB. The primary strategic goals of caBIG are highlighted below:

- Illustrate that a spectrum of Cancer Centers with varying needs and

capabilities can be joined in a common network or grid of shared data, applications, and technologies

- Demonstrate that Cancer Centers, in collaboration with NCI, will develop new enabling tools and systems that could support multiple Cancer Centers
- Demonstrate that Cancer Centers will actively use the network or grid and realize greater value in their cancer research endeavors by using the network
- Create an extensible infrastructure that will continue to be expanded and extended to members of the community
- Develop (or modify) biomedical research tools to support cancer research efforts and to meet needs identified by the cancer research community, including standards-based and components-based clinical trial management systems, tissue banks and pathology tools, and integrative cancer research applications
- Share biomedical research data according to agreed upon common standards and in a manner that protects data privacy and security
- Foster common usage of vocabularies, common data elements and the formation of a unifying architecture for the caBIG

For more information, please visit <http://caBIG.nci.nih.gov>