

Cancer Center caBIG™ Goals Outline

1 Executive Summary of Center caBIG™ Goals

This section should summarize, in 500 words or less, the overall Research Programs at your Cancer Center and how caBIG™ will advance and align with those programmatic research goals. Please highlight the various collaborative research benefits expected from integrating caBIG™ at the Center. Specifically, be sure to include in this section:

- A brief summary of the strategic goals and objectives of the Research Programs at the Center (This should come from existing strategic documentation on the Research Programs at the Center)
- A brief overview of specific areas where caBIG™ will offer distinct benefits in furthering the Research Programs at the Center
- A list of potential biomedical research benefits expected from collaborating with researchers at your Center and other Cancer Centers

2 *Getting Connected with caBIG™* Mission Statement

This is a short, one-paragraph statement which should clearly state what the Cancer Center would like to accomplish through the *Getting Connected with caBIG™* program. It should clearly identify the desired target state, in a manner appropriate for sharing with institutional stakeholders and beyond. Specifically, each Center should explicitly state what type of data sharing will occur via the caBIG™ infrastructure.

3 Benefits of caBIG™ Implementation

This section should describe in detail how caBIG™ implementation will help achieve the Cancer Center's overall Research Program goals and objectives.

4 Relevant caBIG™ Implementation Opportunities

This section should identify where the Center will focus implementation efforts. Although the analysis output from the caBIG™ Self Assessment, namely, the Center caBIG™ Capability Analysis Report, will provide a comprehensive set of options available to the Center around caBIG™ infrastructure, tools, and standards, each Center should evaluate the relevancy of these opportunities against the Center's own goals and mission. This section should describe only those caBIG™ components that the Center plans to pursue.

5 caBIG™ Implementation Goals

This section should identify at a high level how the Center will implement the following three caBIG™ goals at the Center:

- Deploy a functional caGrid node that will connect to the national infrastructure to enable data sharing
 - Meaningfully deploy caBIG compatible tools and infrastructure through adoption and/or adaptation
 - Participate in developing the caBIG™ Data Sharing and Security Framework
- The ultimate goal of caBIG™ implementation is to use caBIG™ compatible infrastructure and tools to promote collaborative research within and between Centers.

5.1 caGrid node goals

This section should identify when the caGrid node is expected to be functional at the Center.

5.2 Clinical Trials Compatibility Framework goals

This section should include a list of goals for adopting or adapting tools that support clinical trials at the Center. If adopting the caBIG™ Clinical Trials Compatibility Framework at the Center, goals should be aligned with specific caBIG™ tools (e.g. caAERS, C3PR, etc). Additional details on the caBIG™ Clinical Trials Compatibility Framework can be found at https://cabig.nci.nih.gov/1_ClinicalTrial_bundle_LOWres.pdf

5.3 Life Sciences Distribution goals

This section should include a list of goals for adopting or adapting tools that support life sciences research at the Center. If adopting the caBIG™ Life Sciences Distribution at the Center, goals should be aligned with specific caBIG™ tools (e.g. caArray, caTissue Core, etc). Additional details on the caBIG™ Life Sciences Distribution can be found at https://cabig.nci.nih.gov/2_LifeSciences_bundle_LOWres.pdf

5.4 Data Sharing and Security Framework goals via caBIG™

This section should outline the Center's plans for participating in the caBIG™ Data Sharing and Security Framework. Specifically, the Center should identify how its regulatory staff will contribute to the development of data sharing policies and guidelines. The Center should also describe what data it will share with the caBIG™ community at two different time points (example, at 12 months and 24 months) of caBIG™ implementation. Please include any data that is already being shared and what data is being planned to be shared by the Center. Additionally, the Center should identify the different institutional stakeholders and what they are expected to gain via data sharing. More details on the caBIG™ Data Sharing and Security Framework can be found at: https://cabig.nci.nih.gov/3_DataSharing_bundle_LOWres.pdf

6 Managing Capabilities and Potential Challenges for caBIG™ Implementation

This section should describe the capabilities of the Center and potential challenges that will need to be addressed in order for the Center to achieve its caBIG™ goals. When assessing these capabilities and potential challenges, please refer to the Center caBIG™ Capability Analysis Report (the output from Center Self Assessment), as well as consider the following:

- Adequacy of the technical infrastructure
- Adequacy of policy and procedures
- Adequacy of resources
- Capabilities/experience of the staff
- Degree to which coordination between various groups, departments, or institutions is required to complete the work
- Number of departments or institutions required to complete decision- making and/or to gain approval
- Ability of Center to make project decisions quickly and efficiently

For each of the above areas, critical success factors should be derived from the capabilities and potential challenges.

6.1 caGrid node

This section should identify the success factors required to install the caGrid node on time.

6.2 Clinical Trials Compatibility Framework

This section should identify the success factors required for a Cancer Center to achieve its Clinical Trials Compatibility Framework goals. For each goal, critical success factors should be explicitly identified. Particular attention should be paid to identifying challenges that might exist in achieving specific goals and how the Center plans to address those challenges.

6.3 Life Sciences Distribution

This section should identify the success factors required to achieve its Life Sciences Distribution goals. For each goal, the critical success factors should be explicitly identified. Particular attention should be paid to identifying challenges that might exist in achieving specific goals and how the Center plans to address those challenges.

6.4 Data Sharing

This section should identify the success factors required for the Cancer Center's data sharing goals. Additional areas to consider when identifying success factors for data sharing include:

- Privacy issues
- Legal issues
- Regulatory barriers
- Existing security frameworks
- Implementation of supporting security framework
- Level of experience with data sharing in the past
- Ease to which the Center will be able to adopt/adapt security framework, procedures, and model documents

Particular attention should be paid to identifying challenges that might exist in achieving specific goals and how the Center plans to address those challenges.