



The NSABP is a Clinical Trials Group funded by the National Cancer Institute (NCI) to perform breast and colon cancer research. A non-profit membership cooperative the NSABP tracks information on over 6,000 member sites with more than 28,000 people through their membership roster.

Customer challenge	Value proposition	Value imagined	Value realized
<p>The legacy system for tracking the membership roster is antiquated and inflexible.</p>	<p>The organization must switch to a more flexible and modern architecture which will allow for changes and improvements in the maintenance of the membership roster.</p>	<p>Design, create and implement a custom application to track and report changes to the organization's membership roster using a more modern and flexible architecture.</p>	<p>A membership tracking and reporting system using Microsoft SQL Server now maintains information on 28,000 people at 6,000 member sites.</p>
<p>Per case payments for member sites are issued using a manual check request for each payment.</p>	<p>The volume of per case payments is growing significantly and can no longer be processed manually. An electronic process for calculating these per case payments and importing the amounts into the accounting system is required.</p>	<p>Import a file from the organization's bio statistical research system into Microsoft Excel. This information is then reviewed and approved in Excel and imported into the company's accounts payable system</p>	<p>Each week this process electronically interfaces hundreds of per case payments to the organization's accounts payable system creating the necessary payment requests and updates to payee information.</p>
<p>Travel and expense payments for membership reimbursement are issued using a manual check request for each payment. The volume of transactions causes delays in timely payment of these reimbursements.</p>	<p>Create an electronic system that manages and processes payments for member travel and expense reports.</p>	<p>Design, create and implement a custom application to process travel and expense reports. This system must allow for electronic approval and creation of payment requests to the company's accounts payable system.</p>	<p>After each membership event this process allows the user to electronically manage and approves membership travel and expense reports. Once approved the transaction is electronically interfaced in the organization's accounts payable system creating the necessary payments requests and updates to payee information.</p>

<p>The NCI (National Cancer Institute) regulatory support system electronically reports changes to the organization's membership roster. These changes are entered into the membership system manually.</p>	<p>Create a process that receives the electronic file from the NCI and compares the changes to the membership roster. This comparison can then be reviewed by the user to accept or deny any changes.</p>	<p>Design, create and implement an electronic process to read the XML files from the NCI and compare the changes to the membership roster database. Display the information in a user interface that allows the user to evaluate the change and approve or reject the change. If approved then update the change to the membership system electronically and document all approved and rejected changes.</p>	<p>Each night the XML change files are copied to the NSABP file server through an FTP process. A designated user reviews the changes through a custom application screen and either accept or reject the change. Each transaction is then summarized to a log file that documents the results of the user review.</p>
<p>Member sites fax clinical trial forms on cases to the NSABP operations center. A manual file of all forms is maintained by the user for these faxes. There is no automated way to follow the status of missing forms.</p>	<p>Create an automated process to store and process clinical trial forms.</p>	<p>Design, create and implement a custom application that allows the user to attach TIF file (the electronic version of the FAX) to a database by site, by study, by case. Allow easy access to the forms through a Sharepoint document library. Report missing forms past their due date.</p>	<p>Each day a user reviews the electronic version (TIF file) of the faxes of clinical documents. Each new file displays in a user interface that allows the user to associate the document with a member site, clinical trial and case. The document is then moved to the appropriate Sharepoint document library. An exception report is generated which compares the actual forms received to the expected due date of the form.</p>
<p>Clinical trial forms are created in Microsoft Word emailed to sites and collected via fax.</p>	<p>Create an interactive method that allows each site to complete the form and submit it electronically to the Sharepoint site.</p>	<p>New clinical trial forms will be created using Microsoft Infopath and provided to the sites through a secure login. The completed form will be electronically transferred to the Sharepoint document library.</p>	<p>New Infopath forms are completed by the site through a secure login. When the form is submitted they are queued for review by a designated user. Once the user approves the form the form is marked complete and stored in Sharepoint.</p>