



UNLOCKING BUSINESS VALUE



SAVING LIVES THROUGH SYSTEMS OPTIMIZATION

Data Blueprint develops tailored solutions for donor information management

BUSINESS CASE

A marrow or blood cell transplant is performed to help patients with leukemia, lymphoma, and other life-threatening diseases live longer and healthier lives. The National Marrow Donor Program (NMDP) contains more than six million records. New donors continue to be added through organizations across the nation. Our client, a National Marrow Donor Center, adds between 50,000 and 100,000 donors every year. The NMDP increases the amount of transplants each year and is expected to double their capacity by 2015, thus increasing objectives for all national donor centers. Our client sought a way to improve workflows and migrate from an old system and database to a more stable system. This transition had to be accomplished without adversely impacting current day-to-day operations.

Data Blueprint's platform integrates the existing systems into one assimilated interface, which decreases turn-around times, errors, transfers and data redundancies. Overall, this solution increased the potential to make life-saving connections between patients and donors by 30%.

TAILORED SOLUTION

Data Blueprint developed and deployed three custom software solutions for lab interface, donor attributes and workflow management. These solutions provided faster, more automated systems that enabled more simplified workflows and decreased turn-around times between initial donations and life saving transplants in a faster, safer and more reliable manner.

Specifically, these solutions enabled:

- Integration of multiple, disparate databases into one
- Reduced errors in file naming, data transfers and updated records
- Decreased turn-around times to connect patients with potential donors

Our Solution was engineered to be functional and serve as an improvement of the existing processes for all lab divisions. We accomplished these goals without creating an entirely new system that interferes with time and performance restrictions by NMDP.

ORGANIZATION

A National Marrow Donor Center

INDUSTRY

Healthcare

TAILORED SOLUTIONS

_ Data Strategy
_ Enterprise Architecture
_ Enterprise Solutions

RESULTS

INCREASED PRODUCTIVITY

- Reduced resources hours required to complete the process by 40%
- Increased number of requests processed by a factor of 2

INCREASED TRANSPARENCY & CONTROL

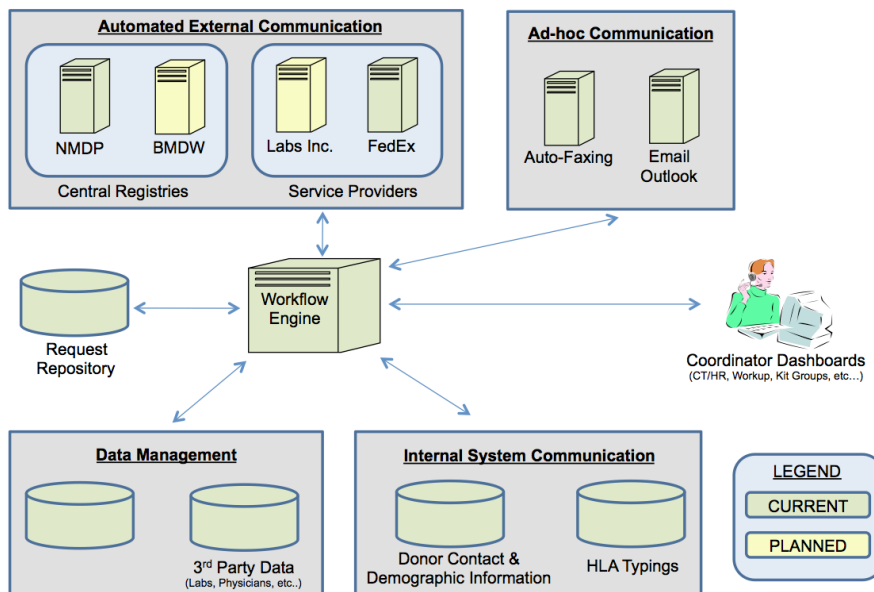
- Reduced number of missed payment milestones by 25%
- Improved performance through automated monitoring and feedback

INCREASED QUALITY OF SERVICES

- Minimized process errors and maximized reporting analytics with improved data quality
- Increased focus on quality of results by eliminating manual steps

INCREASED STANDARDIZATION

- Process changes are more easily addressed and identified
- Training new employees takes significantly less time and effort



"It is difficult dealing with complex systems and massive amounts of data. Data Blueprint has been very accommodating with our requirements. Previously, I had to look in many different databases to get the information that I needed – now all of that information is stored in one database. The Allelos software is able to communicate with other software applications so the different lab sections can import their results into the same database and we can see each other's results easily – no more cut/paste or typographical errors from manual entry."

SSO Large Volume Testing Supervisor,
National Marrow Donor Center

ABOUT DATA BLUEPRINT

Data Blueprint is a data management consulting firm that puts organizations on the right path to leverage data for competitive advantage and operational efficiency. We unlock business value. It is our belief that strong data management capabilities are the key to sustained long-term value creation. Our unique approach leverages core competencies in both foundational and technical data management practices. We help clients leverage data as a strategic investment and become data-driven.

