The Business Challenge.
Reduce the number of hospital readmissions for congestive heart failure (CHF) patients, thereby improving patient care, substantially decreasing costs (an average of $60,000 per CHF readmission) and increasing Centers for Medicare and Medicaid Services (CMS) reimbursement rates for a US-based 18-hospital system.

The Solution.
Unisys Advanced Analytics services to develop a Social Determinants of Health (SDoH) Readmission Risk model that determines 30-day readmission risk for individual CHF patients (incl. home/work environment, age, activity, income, diet, education, and access to care).

Results and Benefits.
- Identified patients at risk of readmission with 78% accuracy, improving upon a clinical-only readmission predictive model that was 60% accurate
- Achieved the potential to decrease CHF costs by $12M-$24M annually (10-20%) for the four hospitals in the pilot program
- Gained a healthcare analytics platform that can include other disease states
- Enabled proactive care by identifying SDoH risk at an individual patient or member level

“The partnership with Unisys has enabled us to develop innovative advanced-analytics solutions that help our clients reduce cost and improve patient care.”

Bill Pocklington
CEO, Bellrock Intelligence

For more information visit www.unisys.com