# Next Generation Data Warehouse and Data Integration Planning Phase

## The Vision for Planning the Next Generation of Data Warehouse and Data Integration

This project will develop strategic recommendations for the next generation platforms and architecture for the Harvard Data Warehouse and Informatica Data Integration tools.

## Objectives

1. Develop a multi-year strategic roadmap for realigning the Data Warehouse technology with functional needs.
   - Recommend tools and platforms
   - Architect future data warehouse
   - Plan implementation and budget
   - In conjunction with HBS, evaluate Master Data Management
   - Recommend Data Integration platform and data service options
   - Architect the future Data Integration platform
   - Plan implementation and budget
3. Plan to migrate from aging hardware and software before vendor end-of-life is reached.
4. Align Disaster Recovery strategy with HUIT Enterprise Architecture goals.

## Guiding Principles

1. Work with Enterprise Architecture to develop a holistic plan.
2. Support the HUIT goal of moving 75% of applications to the cloud over the next three years.
3. Gain cost-efficiencies through consolidating separate Informatica licenses into a University-wide agreement.
4. Engage users throughout the project.
5. Design an architecture that is extensible and scalable for the University and affiliates.
6. Transition from aging, obsolete hardware platforms and operating systems.

## Key Performance Indicators

1. Strategic roadmap incorporates functional feedback from Enterprise Application roadmaps, Schools needs and business partners.
2. Plan to move from physical hardware can be efficiently and effectively realized in FY17.
3. Total cost of ownership for each option is compared to our current hosting costs.
4. Future architecture recommendations align with HUIT architectural philosophy.
5. Deliver recommendations in time for next ITCRB.