

## **PRICE Creates Business Case for Federal Agency Modernization Program**

Working as a partner with Altarum ([www.altarum.org](http://www.altarum.org)), PRICE Systems provided the United States National Archives and Records Administration (NARA) cost estimating and analysis support for the ERA Business Case Analysis (BCA). This BCA was required as part of a submission to the organizations Investment Review Team as well as the U.S. Office of Management and Budget.

PRICE developed hardware and software life cycle cost estimates of three alternatives identified by NARA. The life cycle was defined as investment, systems operations and support and phase out. The PRICE team identified costs for the preferred acquisition scenario for elements in each of the life cycle phases.

As part of this process, PRICE supported the collection, analysis and normalization of cost data, developed a technical & programmatic baseline, defined the cost estimating methodology, mapped the estimate to ERA Cost Estimating Structure and assisted NARA management with the development of cost/benefit issues.

### **PRICE's Approach**

PRICE Systems' methodology involved...

- The identification of key functional mission areas that could be eliminated or made more efficient through ERA implementation.
- Interviewing Subject Matter Expert and data gathering on current systems, processes, procedures and costs.
- Projections of future workload based on historical data.
- Estimation of future costs to perform key mission functions using current technology, processes and procedures.

### **Costs Avoidance Opportunities**

PRICE's analysis identified and quantified several internal and external cost avoidance opportunities, some of these include:

- The new system would provide the ability to ingest Census files in their native format and store them digitally, drastically reducing the cost to convert, ingest and store the data in a usable form.
- The system would enable NARA to better meet statutory requirements to save copies of all Federal Web sites, which presently is over 30M web pages, and over 6,000GB of data.
- The system would enable NARA General Counsel to reduce their costs and improve responsiveness in supporting litigation during the discovery phase of lawsuits involving the U.S. Federal Government.

### **About NARA**

The National Archives and Records Administration (NARA) is an independent federal agency that preserves our nation's history and defines us as a people by overseeing the management of all federal records. Enshrined for posterity in the original building in Washington, DC, are the cornerstone documents of our government, the Charters of Freedom: the Declaration of Independence, the Constitution of the United States, and the Bill of Rights.

But the National Archives and Records Administration is more than famous documents. NARA is a public trust upon which our democracy depends. NARA enables people to inspect for themselves the record of what government has done. NARA enables officials and agencies to

review their actions and helps citizens hold them accountable for those actions. And NARA ensures continuing access to essential evidence that documents the rights of American citizens, the actions of federal officials, and the national experience.

[www.archives.gov](http://www.archives.gov)

### **About ERA**

In the Federal Government, electronic records are as indispensable as their paper predecessors for documenting citizens' rights, the actions for which officials are accountable, and the nation's history. Effective democracy depends on access to such records. But we will lose the millions being created in electronic forms unless we find a way to preserve and keep them accessible indefinitely. Research promoted by NARA within a major coalition of research partners has at last demonstrated that an Electronic Records Archives (ERA) can be built. And with support from the Administration, the Congress, Federal agencies, communities of concerned professionals, and other financial, technological, and implementation partners, NARA is at work to build it. The ERA will give increased reality to e-Government. And the technology promises to be useful to many kinds of archives, libraries, agencies, and businesses, regardless of size. ERA technology will make crucial records and other information safer and more accessible in every sector of society.

### **About Altarum**

Altarum defines the field of informatics as the seamless integration of data collection, data and information management, and unique domain expertise that enables our customers to better understand and manage complex, dynamic systems. Our systems solutions – which often take the form of customized decision support and knowledge tools – are applied to the national security, healthcare, and energy, environment and transportation sectors. We deliver the knowledge that makes for better business models, more efficient decision making, and improved process design.

As an institution with deep research roots, strong collaboration skills and a long tradition of providing customized technology solutions, Altarum's innovation roadmap begins with a concept and ends with our customer. As an innovation institution, Altarum is continuously looking to find new technologies – or new uses for existing technologies – that better meet the needs of our customers and society. [www.altarum.org](http://www.altarum.org)