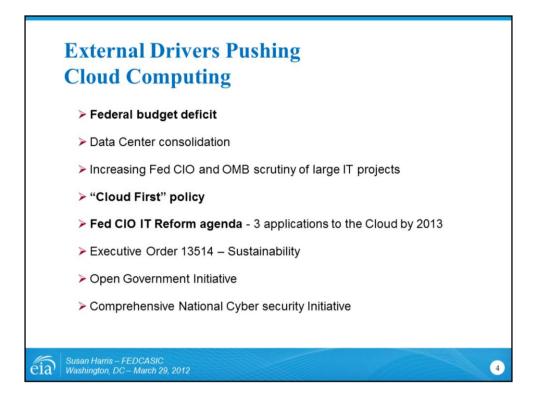


1. EIA is the independent statistical agency with the Depart of Energy. It is the nation's trusted advisor for energy statistics

2. EIA has a comprehensive data collection program. EIA collects energy data using approximately 60 forms which are administered to establishments working in the energy industry. Some of the establishments we collect data from include oil companies, refineries, natural gas companies, terminal operators, companies importing crude and products into the United States, coal companies, nuclear power plant operators, and renewable and alternative fuels production facilities.

3. EIA also prepares informative energy analyses, monthly short-term forecasts of energy market trends, and long-term U.S. and international energy outlooks.

4. Our primary method for disseminating our data is through our website but we have recently launched a Facebook page and we also use Twitter.



There are several external drivers pushing federal agencies towards cloud computing

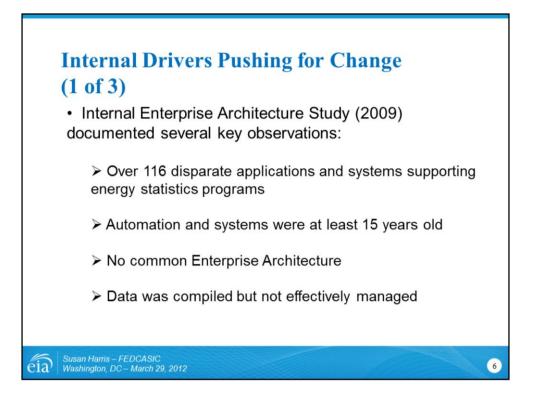
1.Federal budget deficit --- budgets have been declining for several years

2.Cloud First --- This policy is intended to accelerate the pace at which the government will realize the value of cloud computing by requiring agencies to evaluate safe, secure cloud computing options before making any new investments.

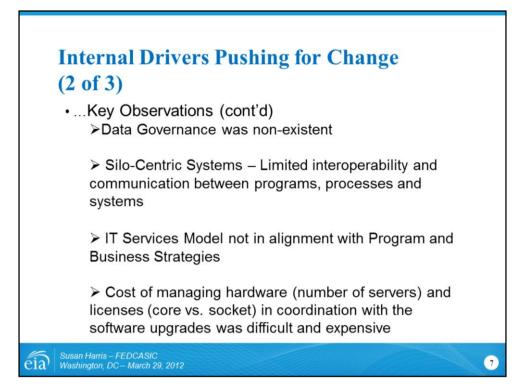
The Federal Government's current Information Technology (IT) environment is characterized by low asset utilization, a fragmented demand for resources, duplicative systems, environments which are difficult to manage, and long procurement lead times.

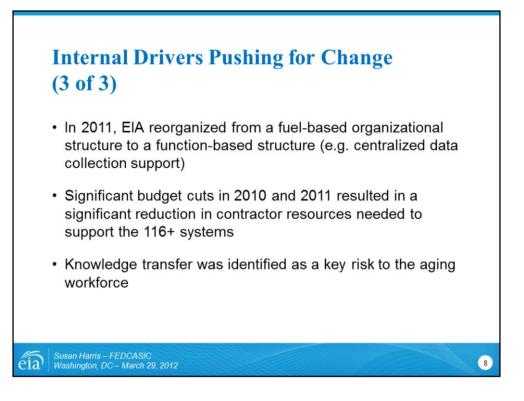
3. Fed CIO IT Reform agenda --- Shift to "Cloud First" policy. Each agency will identify three "must move" services within three months, and move one of those services to the cloud within 12 month and the remaining two within 18 months.

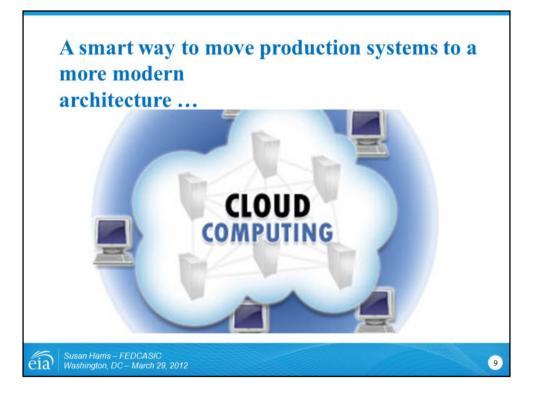
Cost	<ul> <li>Cloud-Based Computing</li> <li>Reduces IT capital spending</li> <li>Pay only for what you use</li> <li>Shift IT costs from expenditures to actual usage</li> <li>Significantly reduces lifecycle sustainment cost</li> </ul>	
Technology	<ul> <li>Increases flexibility and speed in IT implementations</li> <li>Scale up and down to meet immediate demands</li> <li>Real time deployment capabilities</li> <li>Improve COOP and disaster recovery operation capabilities</li> </ul>	
Mission	<ul> <li>Allows Efficient use of resources</li> <li>Allocate resources to mission-critical activities as IT requirements are reduced</li> <li>Aligning to OMB practices</li> <li>Responding in a timely manner to federal mandates and agency requirements</li> </ul>	
Eia Susan Harris – FEDC Washington, DC – Ma		5

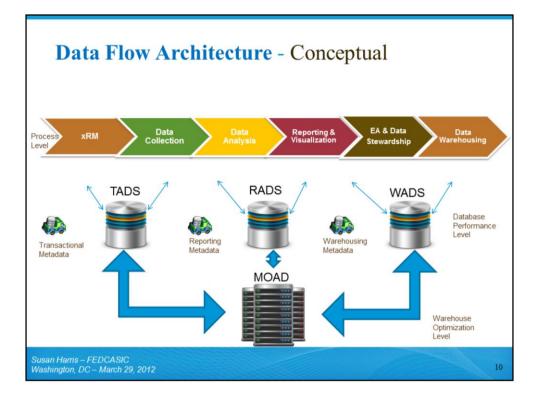


In 2009, an Enterprise Segment Architecture Study was conducted that documented the systems and applications used throughout EIA in support of survey collection, processing, reporting and publication



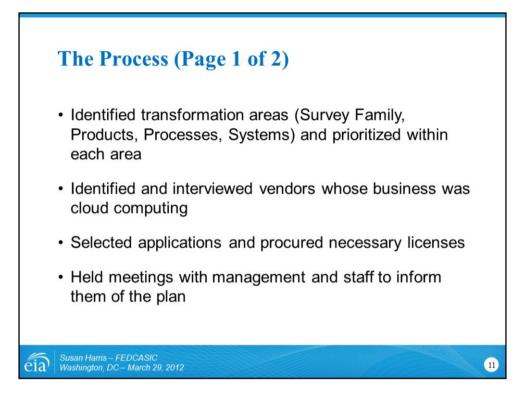


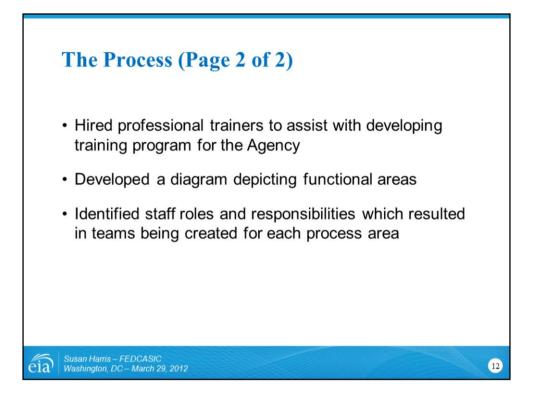




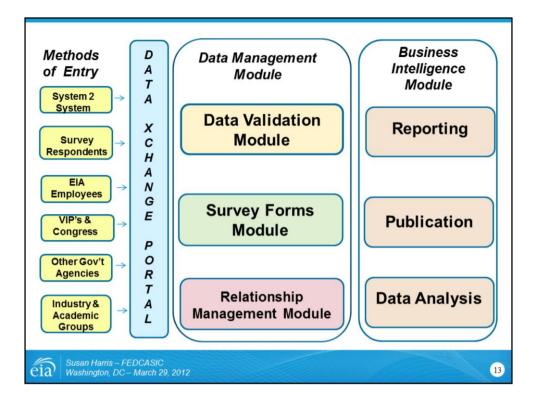
Developed a conceptual data workflow diagram

Data do not move from system to system RATHER data are stored in a central database and





•Recognized that training was crucial so we hired professional trainers to assist with developing a comprehensive training program and to assist with training staff



This diagram depicts each of the functional areas which were determined by conversations with stakeholders.

These functional areas are:

**Method of entry** 

**Data Exchange Portal** 

**Data Management Module** 

**Business Intelligence Module** 

