



Enterprise Architecture: Goals ⇨ Strategies ⇨ Business Change Requirements ⇨ Information Requirements ⇨ Technology Requirements ⇨ Solution Requirements

| Goals | Business Strategies | Business Change Requirements | Information Requirements | Technology Requirements | Solution Requirements |
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| <p>1. Improve Education for Arkansans</p> | <p>1A. Create a reliable, sustainable funding model for Accelerate Arkansas in the upcoming biennium.</p> <p>1B. Improve higher education enrollment by 3-5% over the next three years.</p> | <p>1A.i Recommend Accelerate Arkansas priority projects for funding.</p> <p>1A.ii Create a tax credit for companies that move R&D facilities to Arkansas.</p> <p>1A.iii Create an early enterprise development fund to help validate a technology for a new company or for an existing early stage company.</p> <p>1A.iv Support coordinated statewide cyber infrastructure efforts.</p> <p>1B.i Provide college scholarships to qualifying students through the Arkansas State lottery and other resources.</p> <p>1B.ii Reduce the age requirement from 60 to 55 years old for Arkansans to attend college with discounted tuition.</p> <p>1B.iii Recruit nontraditional students.</p> <p>1B.iv Increase courses offered online and after normal business hours .</p> | <p>1A.a A listing of programs currently supported and their funding levels.</p> <p>1A.b A listing of Accelerate Arkansas priority programs.</p> <p>1B.a A listing of the amount of funding available to be dispersed to scholarship recipients.</p> <p>1B.b A listing of the number of 60 year olds in Arkansas and the number of those 60+ taking advantage of the tuition discount.</p> <p>1B.c A listing of the number of 55 years old for potentially reducing the age requirement to 55.</p> <p>1B.d A listing of the enrollment in higher education and high school in each of the last five years.</p> <p>1B.e A listing of the number of students who have taken college entrance exams in each of the last five years.</p> | <p>1A. Create new opportunities in teaching and learning by integrating networking, digital, and audio visual technologies.</p> <p>1B For non-traditional students, consolidate educational transcripts (from secondary and post secondary schools).</p> | <p>1A. Requirements to be developed by Accelerate Arkansas.</p> <p>1B.1 Enhance the YOUNiversal portal for non-traditional students to apply for aid.</p> <p>1B.2 Develop a method for allocating some lottery scholarship funds to needs based qualified students.</p> |
| <p>2. Improve Economic Development</p> | <p>2A. Increase the per capita income growth rate, greater than the national average each year, with a goal of meeting the national average by 2020.</p> <p>2B. Support the Connect Arkansas funding request in the upcoming biennium session to promote</p> | <p>2A.i Increase higher paying jobs by creating a more educated workforce.</p> <p>2A.ii Attract new businesses and support existing businesses.</p> <p>2A.iii Increase the number of jobs in the green economy.</p> <p>2A.iv Create a marketing campaign to bring new business to the state.</p> <p>2A.v Monitor and apply for federal/</p> | <p>2A.a A listing of the number of unemployed</p> <p>2A.b A listing of how many unemployed are eligible for workforce training</p> <p>2A.c A listing of media outlets for publicizing the Elevate America program for workforce improvement</p> <p>2A.d A listing of the cost of living in Arkansas compared to national averages.</p> <p>2A.e A listing of existing infrastructure (roads, rail, air, broadband) and gaps – opportunity to</p> | <p>2A. Develop a website to provide information on infrastructure within Arkansas.</p> <p>2B. Request all ISP's providing service within Arkansas to report usage data to provide an</p> | <p>2A.1 Provide financial incentives for businesses within the green economy that locate in Arkansas and hire a minimum of 50 employees.</p> <p>2A.2 Gather information regarding the future</p> |



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| | <p>internet access and education, which will improve personal lives and the economic capabilities of all Arkansans.</p> <p>2C. Obtain funding from available grants/funding for a NOC/State Data Center by 2011.</p> <p>2D. Increase state government purchasing from Arkansas businesses by 2% per year by 2013.</p> <p>2E. Increase tourism spending within the state over each previous year.</p> | <p>state/private financial incentives that can enhance job growth.</p> <p>2A.vi Provide grants for individuals to complete the two year energy auditing program.</p> <p>2B.i Since budget limitations will likely prevent funding all of Connect Arkansas, define which portions of Connect Arkansas will be recommended for priority funding.</p> <p>2C.i Apply for ARRA and other available grants and obtain sufficient matching funds to process if awarded.</p> <p>2D.i Highlight Arkansas businesses for procurement.</p> <p>2E.i Increase promotion efforts to the state's target markets when economic indicators are favorable to more discretionary spending.</p> | <p>increase better paying jobs.</p> <p>2A.f A listing of retirees who come from other states whose incomes exceed Arkansas per capita income – recruit more, encourage them to bring small businesses to the state with them.</p> <p>2B. A listing of areas of the state that are unserved or underserved by broadband service.</p> <p>2C.a A listing of ARRA grant objectives to align the State's application with ARRA objectives to increase the likelihood of funding.</p> <p>2C.b A listing of the information necessary to begin the project if the grant is awarded.</p> <p>2C.c A listing of energy conservation opportunities in the new facility.</p> <p>2D.a A listing of Arkansas businesses.</p> <p>2E.a A listing of the number of tourists in Arkansas (in state and out).</p> <p>2E.b A listing of tourist target markets (demographics, socio-economic, geographic and type).</p> <p>2E.c A listing of the current level of tourist spending within the state.</p> <p>2E.d A listing of tourist dollars spent within the state over the last two years.</p> <p>2E.e A listing of the number of Arkansas residents who vacation out of state.</p> | <p>accurate map of the state's broadband infrastructure.</p> <p>2C.1 Pending funding approval, plan for appropriate infrastructure to host state data.</p> <p>2D. Provide an indicator or icon in the state shopping mall to identify goods and services that are provided by Arkansas businesses.</p> <p>2E. Develop mobile applications to increase tourism. Utilize quick reference (QR) codes.</p> | <p>state of infrastructure (all types) that can be used to recruit businesses to the State.</p> <p>2B.1 Establish a governance model to track spending and progress of grants awarded.</p> <p>2C.1 Deployment of state data center.</p> <p>2D.1 Highlight Arkansas businesses on the state shopping mall.</p> <p>2E.1 Expand marketing campaigns to attract tourists to the State.</p> |
| 3. Increase Efficiency in State Government | <p>3A. Establish state shopping mall by 2012.</p> <p>3B. Identify, standardize, improve and implement one statewide business process per year for the next biennium.</p> <p>3C. Create intranet for state</p> | <p>3A.i Publicize products that are green or have recycled content.</p> <p>3A.ii Provide the ability to identify and prioritize small and minority business.</p> <p>3A.iii Provide resources to implement and support the state shopping mall.</p> | <p>3A.a A listing of available domains such as Shop.AR.Gov & ShopAR.gov.</p> <p>3A.b A listing of spend analytics – identify high consumption items (office supplies) – include Arkansas businesses and small businesses.</p> <p>3A.c A listing of products we need.</p> <p>3A.d A listing of products currently offered.</p> | <p>3A.1 Reserve Shop.AR.gov & ShopAR.gov as a website for the state shopping mall.</p> <p>3C.1 Reserve Intranet.AR.gov as a website for the</p> | <p>3A.1 Implement a portal for the state shopping mall that integrates and passes expenditure information to the different financial systems.</p> |



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| | <p>employees to share information by 2012.</p> <p>3D. Ensure all vital state information is being backed up and is recoverable by 2013.</p> | <p>3A.iv Educate and publicize the existence of the state shopping mall.</p> <p>3B.i Standardize and require compliance of the state procurement process.</p> <p>3B.ii Streamline the process to hire extremely well qualified applicants (EWQA) for high demand, hard-to-fill job classifications.</p> <p>3B.iii Perform gap review of pay plan and job descriptions.</p> <p>3C.i Develop a business case to support state intranet.</p> <p>3D.i Ensure that vital state data is backed up and recoverable.</p> | <p>3A.e A listing of the different financial systems that would need to be integrated with the portal.</p> <p>3B.a A listing of information that can be digitized.</p> <p>3B.b A listing of record retention regulations requiring updates.</p> <p>3B.c A listing of common processes across organizations that can be automated. (What are the low hanging fruit for maximum efficiencies? – TR1, leave, time sheets, as examples)</p> <p>3B.d A listing of the number of employees who travel and the associated travel costs.</p> <p>3C.a A listing of the types of information employees want to share via an intranet.</p> <p>3D.a A listing of data that is classified as vital.</p> <p>3D.b A listing of data that has demonstrated recoverability.</p> | <p>state Intranet.</p> <p>3D.1 Vital state information needs to be in a recoverable format.</p> <p>3D.2 Establish an application process where agencies can apply to have their data managed.</p> | <p>3B.1 Establish a state working group to identify process candidates for standardization and improvement.</p> <p>3C.1 Implement a State Intranet.</p> <p>3D.1 Provide a process where all vital data could be backed up and establish and test recovery processes.</p> <p>3D.2 Establish policy for data recoverability.</p> |
| <p>4. Improve Citizen Access</p> | <p>4A. Increase utilization of library services by 10-25% through 2014.</p> <p>4B. Create a shopping mall for citizens of state services by 2012.</p> <p>4C. Increase the number of services available through the portal by 10-25% over the next two years.</p> <p>4D. Increase the number of applications that are optimized for mobile devices by 25-50% over each of the next two years.</p> | <p>4A.i Increase library funding in communities, and opportunities to extend or modify hours of operation, create new facilities and increase staffing.</p> <p>4A.ii Coordinate library operations with emergency management to act as emergency communications centers. Apply for FEMA funding to help establish them.</p> <p>4C/D. Research priority for services to be offered (survey?)</p> | <p>4A.a A listing of current broadband accessibility levels and availability.</p> <p>4B.a A listing of goods and services commonly procured or requested.</p> <p>4C.a A listing of what exists and potential needs.</p> <p>4D.a A listing of what exists and potential needs.</p> | <p>4A.1 Increase the number of public access computer centers in public libraries across the state by 10-25% each year through 2014.</p> <p>4A.2 Increase wireless capabilities.</p> <p>4A.3 Provide library patrons a method to check out materials in a self-service manner potentially using RFID.</p> <p>4B.1 Establish a portal</p> | <p>4A.1 Provide training to library patrons to help them serve themselves.</p> <p>4A.2 Utilize service organizations, interns and high school students to assist constituents.</p> <p>4B Track goods and services procured through the shopping mall and identify opportunities for increasing the number and types of services offered.</p> |



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| | | | | <p>with appropriate authentication controls to allow secure online procurement.</p> <p>4C/4D.1 Leverage existing services and reuse technology wherever possible.</p> <p>4C/4D.2 Implement context aware applications that leverage end user information to improve the quality of user interaction.</p> | <p>4C/4D Implement citizen facing solutions that</p> <ul style="list-style-type: none"> ◆ Save money. ◆ Automate or streamlines processes. ◆ Decrease the requirement for citizen services to be procured in-person. ◆ Reduce the need for state employees in field offices. |
| <p>5. Protect the Environment</p> | <p>5A. Reduce energy consumption (in KWH) annually to meet the goal of 20% in next five years.</p> <p>5B. Recycle suitable materials.</p> | <p>5A.i Comply with Governor's Executive Order 09-07.</p> <p>5B. Comply with Act 1494 of 2009.</p> | <p>5A.a A listing of non essential devices.</p> <p>5A.b A listing of current levels of usage.</p> <p>5A.c A listing of older IT resources and other equipment that is less energy efficient.</p> <p>5A.d Consider energy star rating when replacing electronic equipment.</p> | <p>5A.1 Implement cloud computing for appropriate applications.</p> <p>5A.2 Deploy virtualization where applicable.</p> | <p>5A.1 Establish a monitoring program to measure power usage reductions.</p> <p>5A.2 Create a refresh strategy for IT resources and other electronic equipment older than 5 years that are not energy efficient.</p> <p>5B Implement an agreement with a vendor to accept recyclable materials.</p> |