

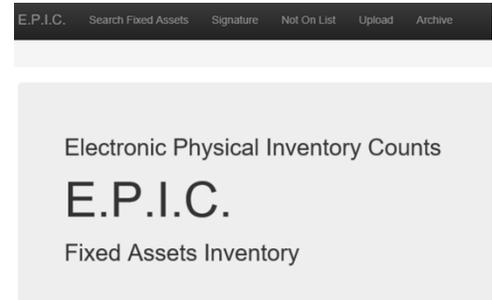
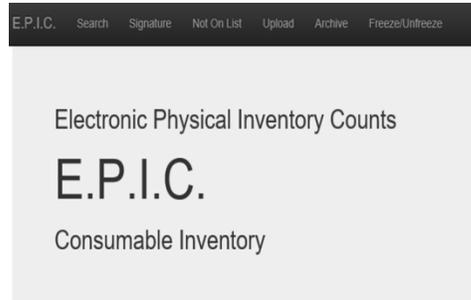


Productivity First-Round Winner
Innovations Challenge

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Prepared by Transportation Planning
Missouri Department of Transportation

Electronic Physical Inventory Count System (EPIC)



Description

Financial Services requested an application to assist with the annual consumable and fixed asset inventory process. Information Systems developed two applications called EPIC - Consumable Inventory and EPIC - Fixed Asset Inventory. Prior to the development of EPIC, the statewide physical inventory count process for both consumable inventory and fixed assets was a manual process involving paper documents. This involved employees statewide taking count sheets to locations such as divisions, district offices, project offices and maintenance sheds and physically locating the items on their sheet. Once the information was gathered from the field, Financial Services employees returned to their office and had to reconcile the information they gathered. The entire process starts the end of February or beginning of March and continues until the end of May. All counts must be complete by the end of June. These two applications were developed in-house to electronically capture the physical inventory for both areas and feed needed data into SAM II Financial, which ultimately lands in our annual financial statements.

Benefit

EPIC saves money, time, and simplifies work by having all the data in electronic form. The paper inventory reports are no longer needed, so money and time are saved by not printing the reports. The inventory process is simplified by not marking paper, manually running adding machine tapes and sending stacks of paper to Central Office for reconciliation. All files are electronic and archived for reference. The application interfaces with SAM II Financial and saves time and money by improving accuracy with the data being entered one time in the application. EPIC creates an estimated total cost savings of approximately \$40,000 per year in labor and paper usage. The applications should pay for themselves in two years' time.

Materials and Labor

Total cost of materials was \$44,758.65 for 45 laptops and 31 docks. The amount of time spent on the project was roughly 900 hours for Information Systems staff for about \$38,000. The consultant time was 150 hours with a cost of \$21,900.

For More Information Contact

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Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>