

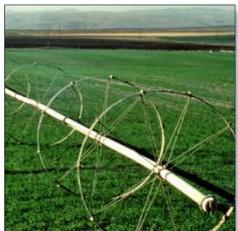
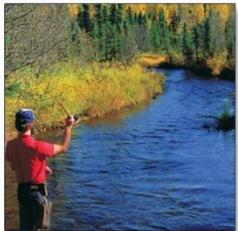


Water Banking & Modeling

ESHMC Meeting

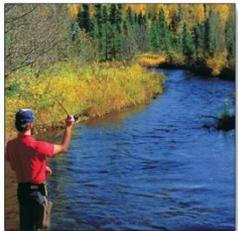
Remington Buyer
Water Supply Bank Coordinator
May 6, 2014





Water Supply Bank

1. Program Overview
2. Current Modeling Operations of the Bank
 - A. Modeling Requirements
 - B. Utilizing the Transfer Tool,
3. Bank IT Development
 - A. Future Modeling Improvements



Bank Organizational Structure



Water Supply Bank

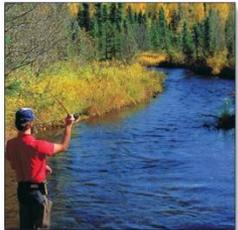
Board's Bank

The water supply bank shall make use of and obtain the highest duty for beneficial use from water, provide a source of adequate water supplies to benefit new and supplemental water uses, and provide a source of funding for improving water user facilities and efficiencies.

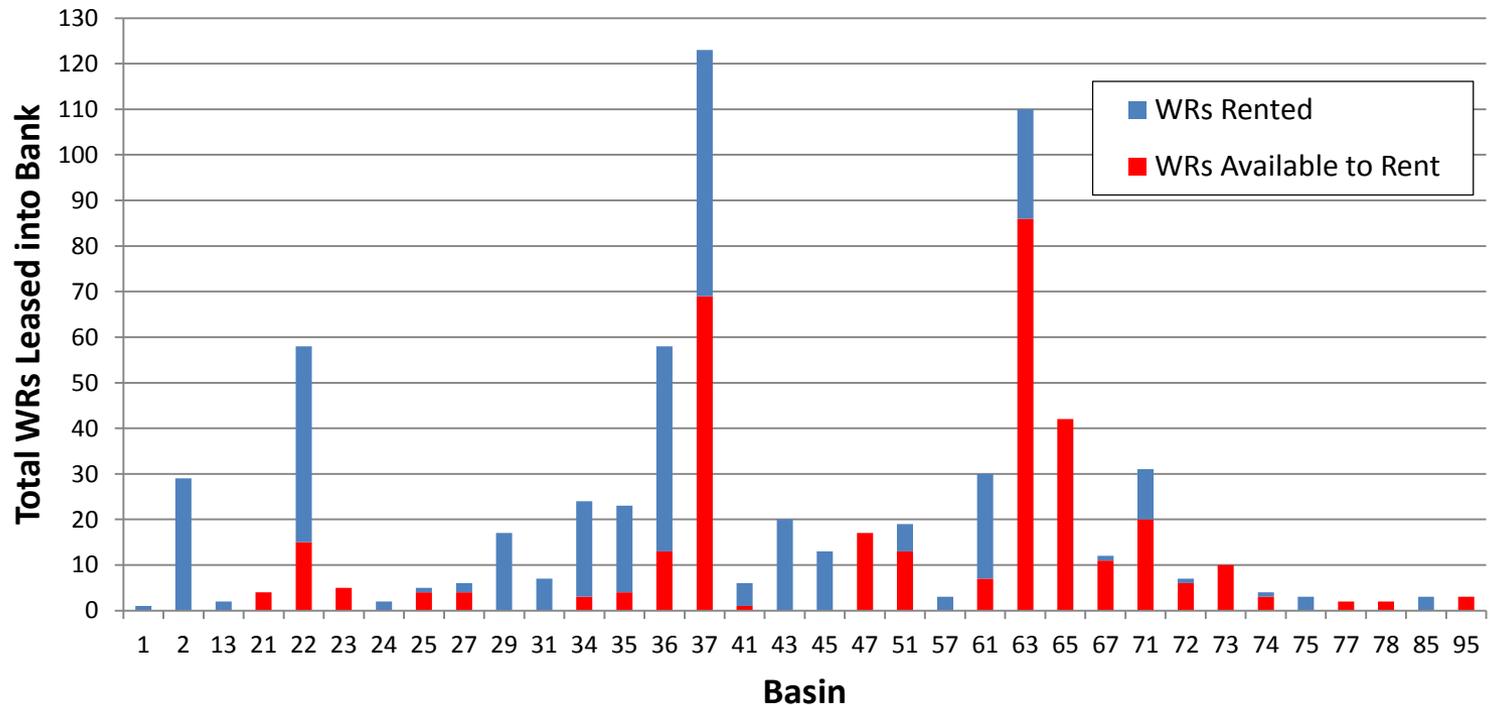
Rental Pools

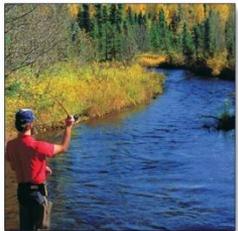
I.C. § 42-1764

2013 Water Availability by Basin



Available WRs by Basin



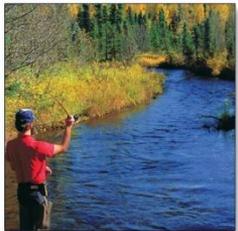


Bank Modeling Operations

Whereas Idaho Code 42-222 requires IDWR (use modeling) to evaluate whether a transfer would injury another water right,

“the approval of a rental of water from the Water Supply Bank may be a substitute for the transfer proceeding requirements of section 42-222.”

I.C. 42-1764



Bank Modeling Operations

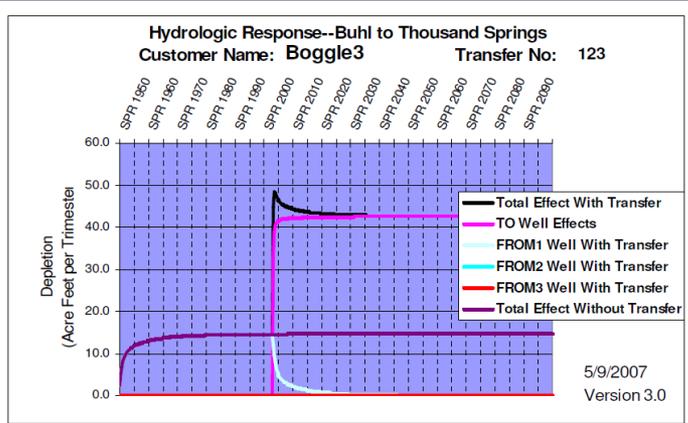
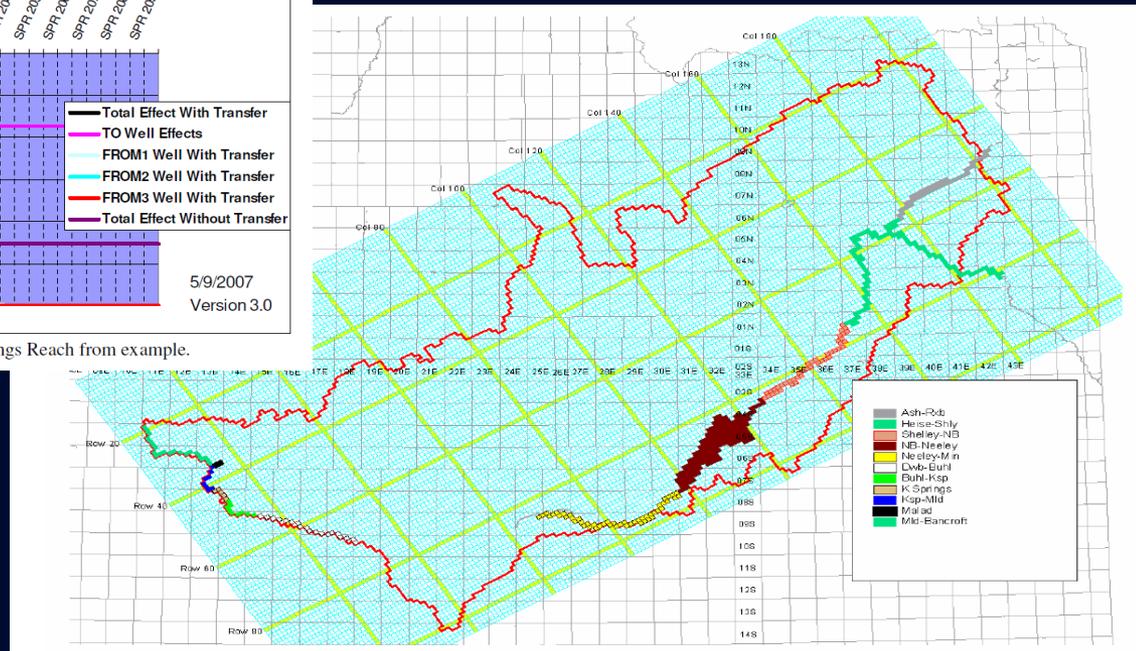
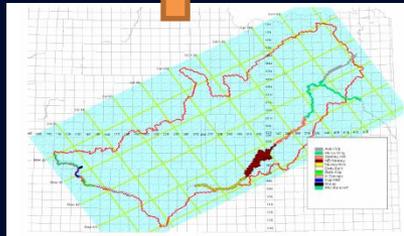
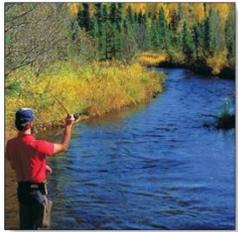


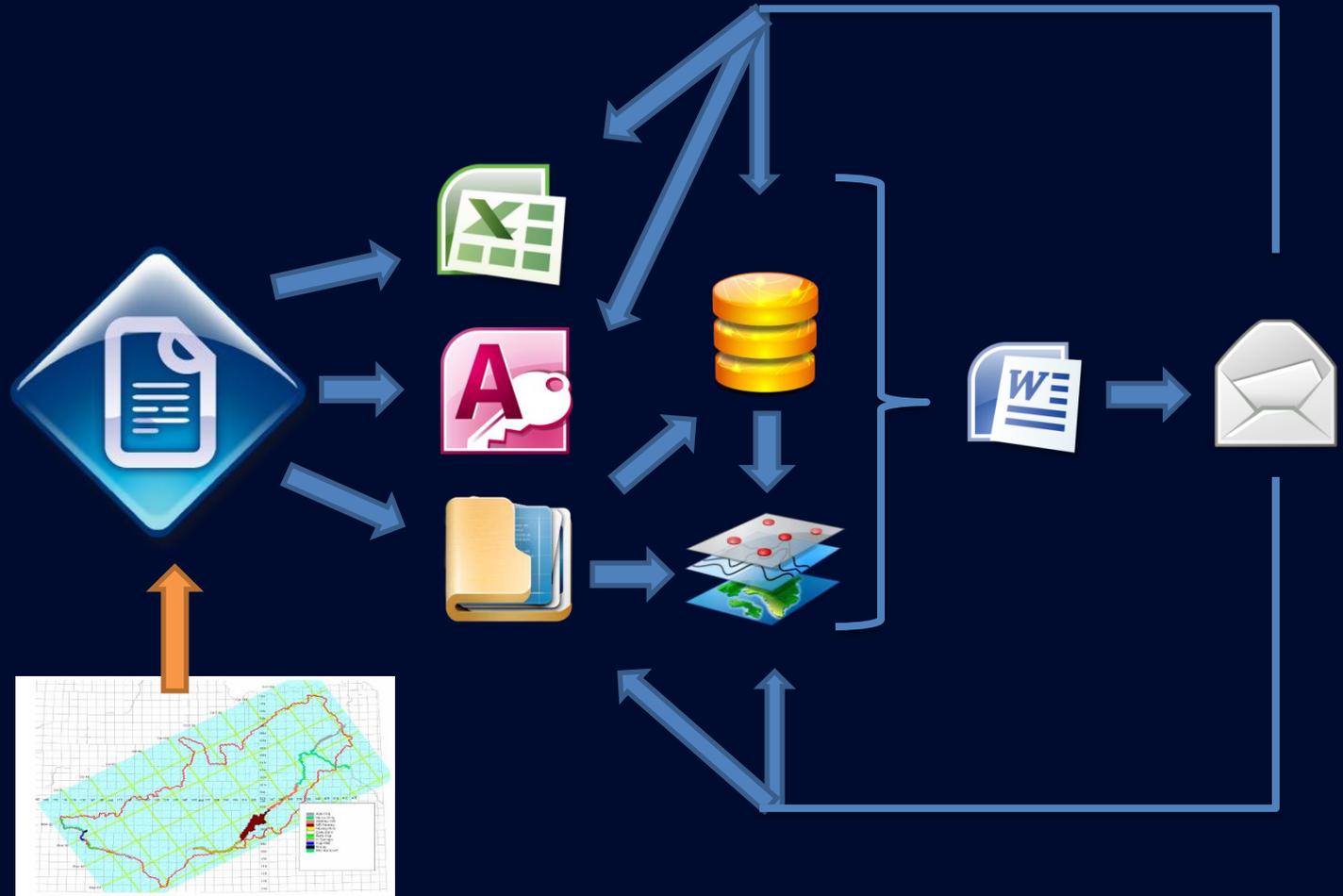
Figure 2. Impacts to Buhl to Thousand Springs Reach from example.

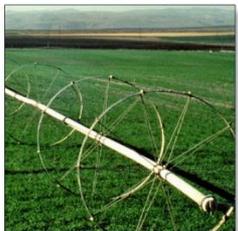
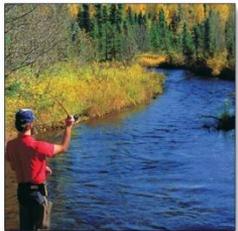


The Bank requires modeling for applications to rent water within or from areas ground water measurement and management areas (eg. ESPA).



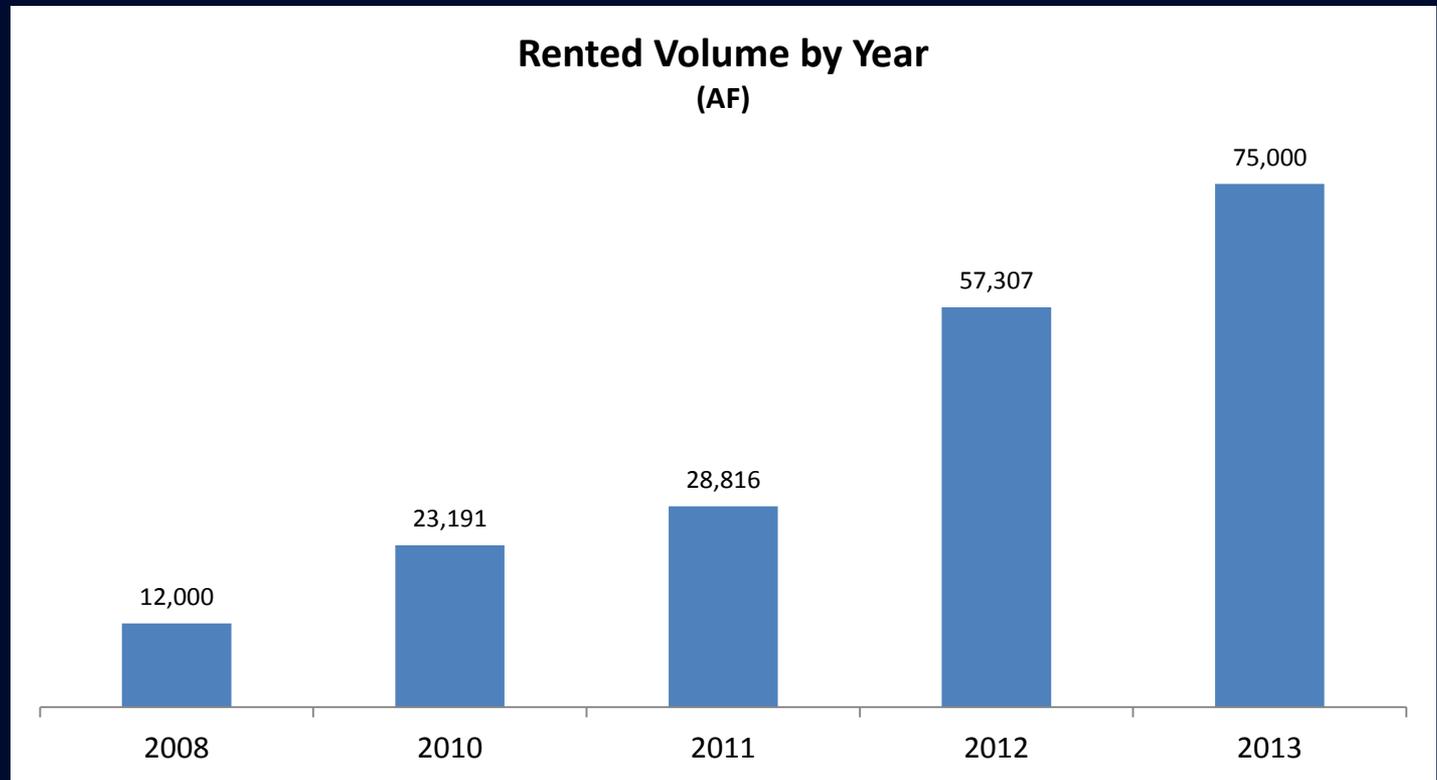
Bank Current IT Framework

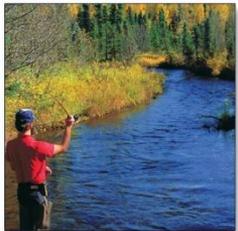




Recent Rental Activity

Rented Volume by Year
(AF)

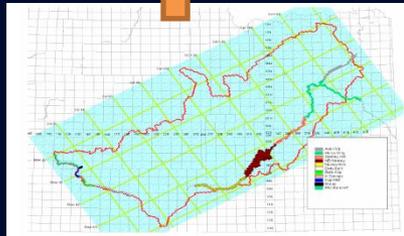
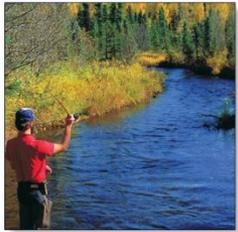




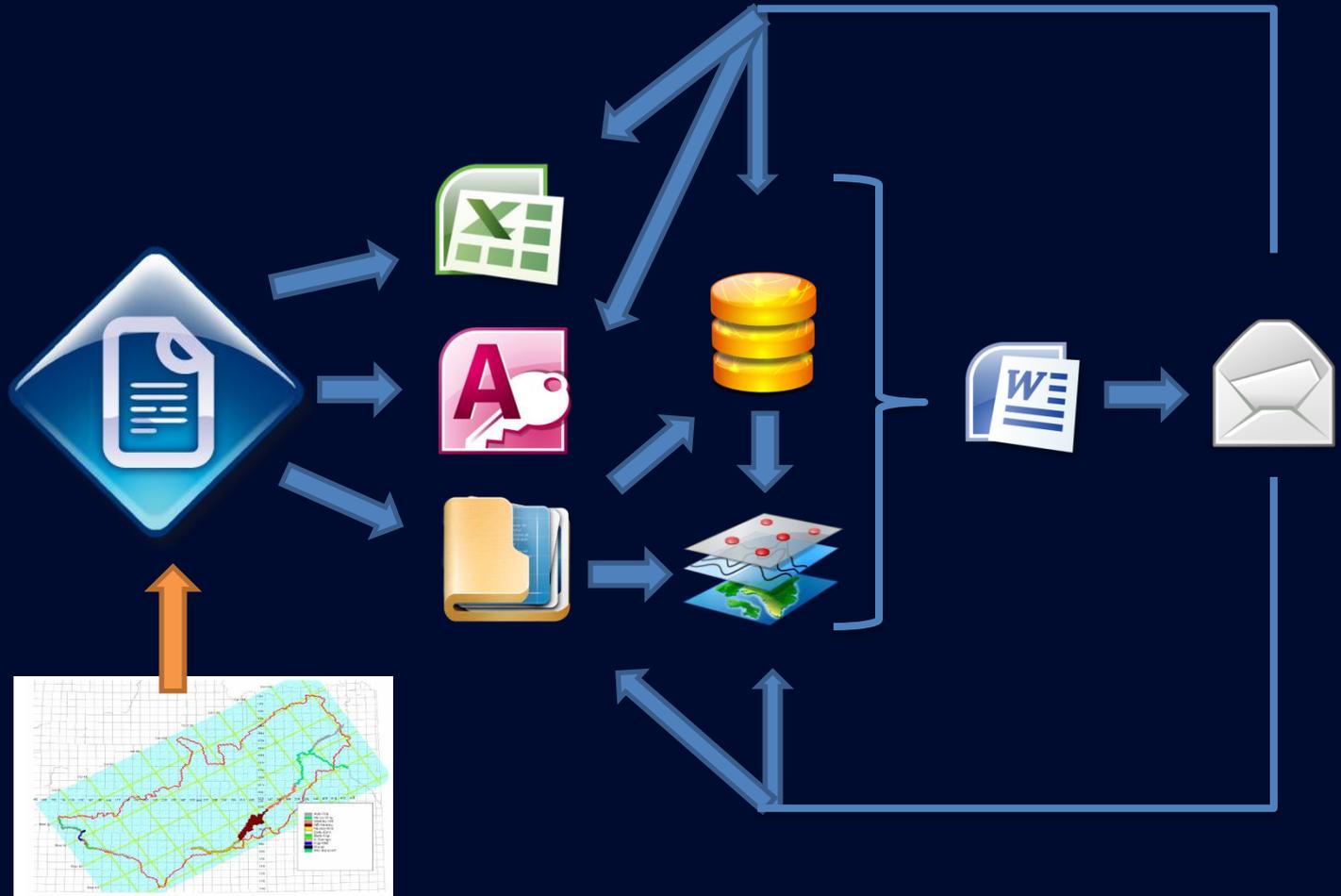
Recent Rental Activity

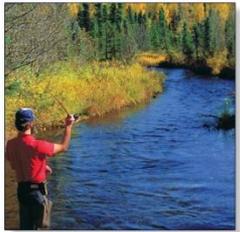


Scottie, the Bank needs to process more lease applications and rental agreements!

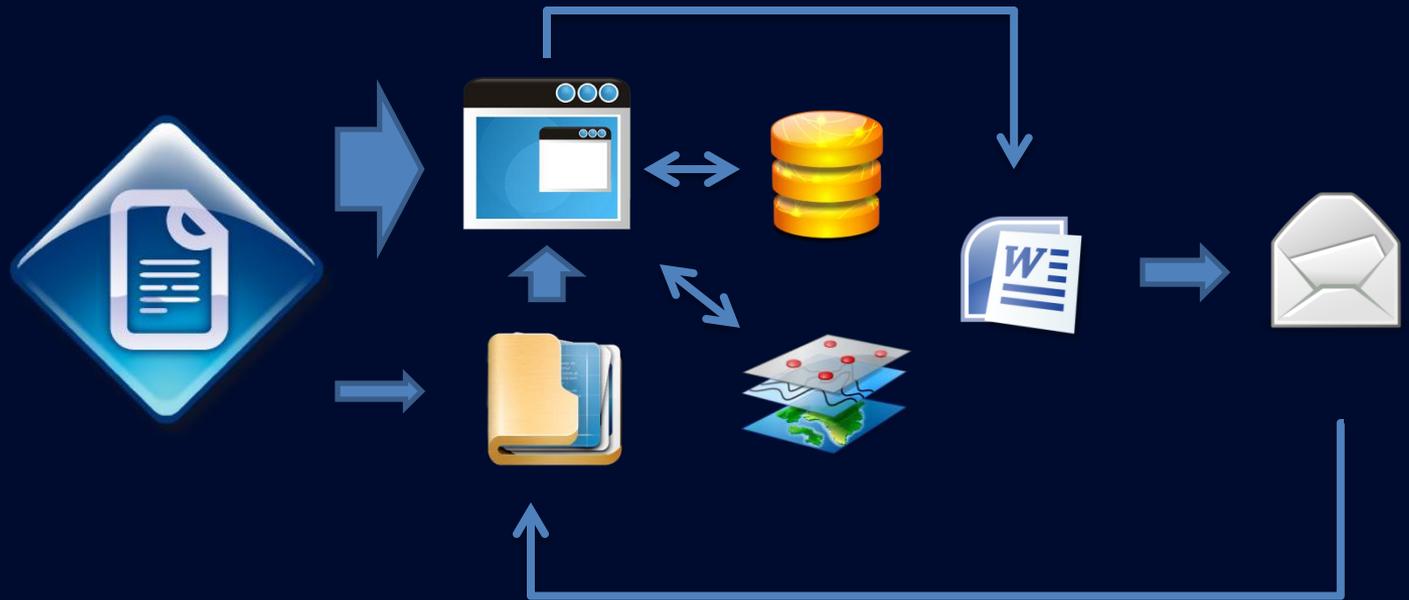


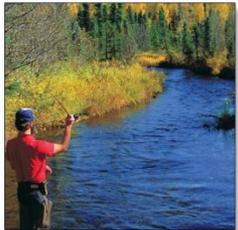
Bank Current IT Framework



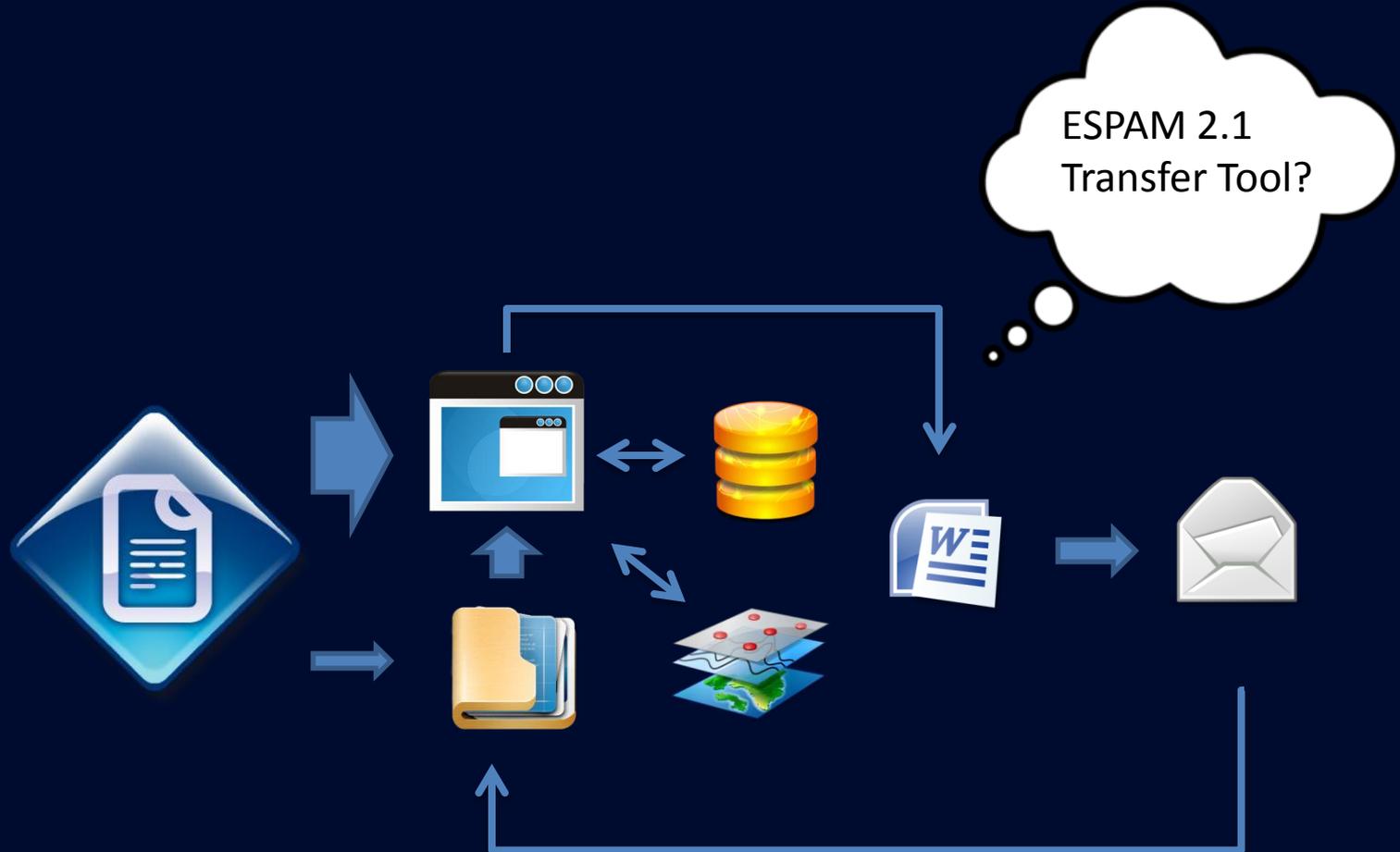


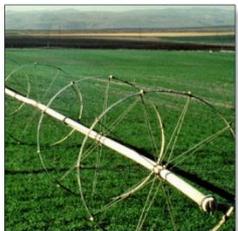
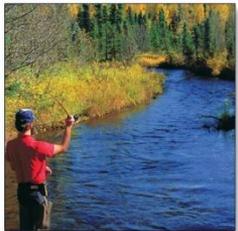
Bank Current IT Framework





Bank Current IT Framework





Thank you for Your Time