

Data Warehousing

Unify systems to optimize efficiency and increase collaboration

CHALLENGE

Disaster planning and response. Infrastructure construction and maintenance. Flood control. Humanitarian assistance. War zone construction. The **US Army Corps of Engineers (USACE)** plays a leading role in engineering solutions for our Nation's toughest challenges, yet each mission has its own information system, making it difficult to collect, process, and share critical data.

SOLUTION

We developed the USACE Enterprise Data Warehouse (EDW) to pull information from a variety of sources, then aggregate the data into one secure, reliable location. Federal, state, and local agencies can look across ALL data to visualize the entire picture.

Users work seamlessly across systems, increasing cost efficiency and improving the USACE's ability to complete reporting tasks and make informed decisions. We maintained their EDW environments at a 99% availability level with no unplanned outages and integrated new system components, enabling the processing of greater amounts of data while improving delivery timeliness by more than 90%.

DATA POINTS


100%
USER
DRIVEN


ONE
SECURE REPORTING
SYSTEM


100+
SUNSETTED APPS

NT Concepts worked closely with users to develop a solution that consolidated 100+ applications into a SINGLE enterprise reporting system.

DELIVERED EXPERTISE

- Data management / governance
- Data quality
- Data security (IA / A&A)
- Geoanalytic tools
- Reporting dashboards
- O&M
- Agile delivery
- Help desk

TECHNOLOGY

- SAP Business Objects
- IBM Netezza
- SAP Xcelsius
- Microsoft .NET
- Java