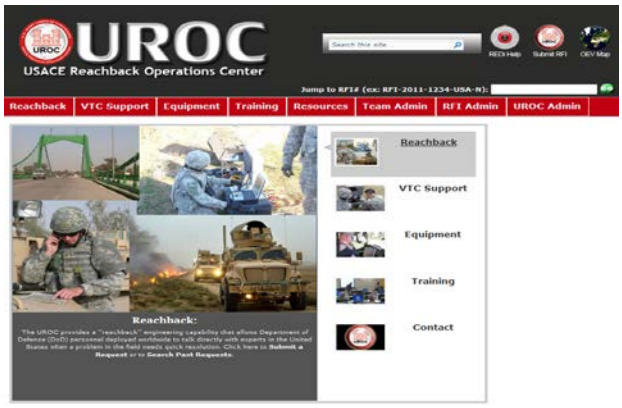
Reachback Engineer Data Integration (REDi)

Reachback Data Management

The Reachback Engineer Data Integration (REDi) system provides a common database, robust user interface and fully integrated mapping tools for receiving, managing, tracking and archiving all data and engineering reachback support conducted through the USACE Reachback Operations Center (UROC). The UROC REDi portal allows users to submit requests for information (RFI), receive updates and track status of RFIs, search the historical RFI database, and request support for other UROC capabilities such as reachback equipment, training and VTC support. REDi is also used by the UROC staff as a corporate tool for managing and documenting support for all UROC customers and supported elements.

System Features

REDi is developed within the Sharepoint environment and couples the wide array of standard Sharepoint features with custom-designed tools to provide a versatile web-based application for UROC customers and staff. Access to REDi on the unclassified network is available for Department of Defense (DoD) Common Access Card (CAC) holders, and a multilevel permission structure provides flexibility for various user groups. Upon submission of an RFI via REDI, automatic notifications are sent to the UROC staff, and an RFI tracking number is assigned to facilitate management of the RFI through its complete life cycle. Search and query tools are provided to enable users to search the extensive RFI archival database of engineering reachback topics. Fully integrated mapping tools allow for RFI and other reachback data to be spatially located, and data from external sources such as USACE project databases (RMS, P2) are merged to provide a complete picture of engineer-related activities. The REDi system is replicated on the unclassified and SIPR networks.



UROC REDi Web Portal – Access requires DoD CAC

Fully integrated mapping tools for reachback data.

Custom Portal Development and Support

The components of the REDi system are easily adapted to meet data management requirements for a variety of engineer missions. To date, the UROC has developed custom portals within the REDi architecture for the USACE G2, USACE Field Force Engineering Program, USACE Transatlantic Division, CENTCOM J4 Engineers, USARPAC DCSENG, Army Facilities Component System, and others. Custom features, tools, permissions and site layout are provided for each portal while taking advantage of a single common overall hardware and software system architecture. The UROC provides full system and customer support, data backups, replication to SIPR network as requested, and ensures compliance with applicable network and information assurance requirements and policies.

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