

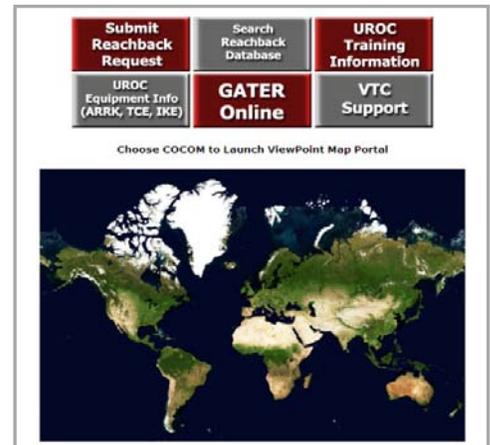


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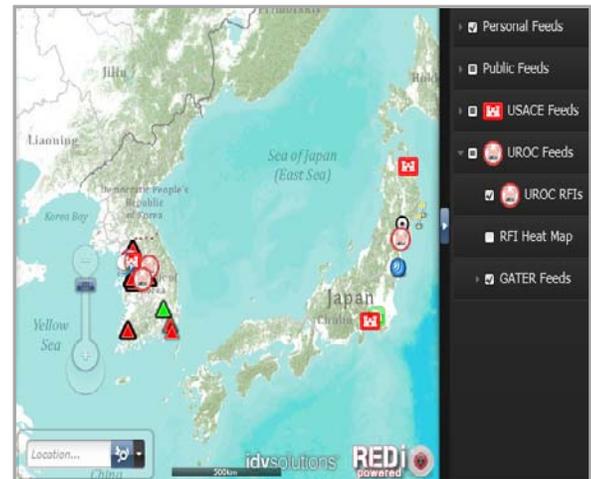
# Reachback Engineer Data Integration (REDi)

**Purpose** To provide a common database, mapping tool, and robust user interface for managing, tracking and archiving all data and reachback support managed through the USACE Reachback Operations Center (UROC) related to the engineer reachback process and the Field Force Engineering program.

**Background** From its origins of fielding requests for information (RFIs) in support of deployed engineers, the UROC has evolved to provide a variety of other capabilities under the USACE Field Force Engineering program including data collection tools, communications equipment, training, and video teleconference (VTC) support. Historically, multiple databases and portals were required for UROC customers to access the various UROC data, tools and support. To provide a more efficient solution, the REDi system was designed as a common database for all reachback engineer data. It is a single user interface through which those data sources and other services and tools provided by the UROC may be accessed and managed.



**Facts** REDi is developed within SharePoint and thus provides the full suite of standard tools and capabilities. Custom designed tools and menus are provided within REDi for UROC customers to submit a new RFI, search the RFI database for archived information, request training on UROC systems and equipment, request information or acquisition of UROC equipment, connect to the Geospatial Assessment Tool for Engineer Reachback (GATER) database, return UROC equipment for repair or replacement or request VTC support. Another powerful feature provided in REDi is a robust mapping tool that enables any data stored within REDi to be plotted geospatially. The system also provides the capability for data from external sources to be plotted. The user may choose from a variety of maps and imagery as the background layer on which to overlay these data feeds. A variety of standard SharePoint tools are also provided for users to store and manage documents, store and organize commonly used internet sources and links, post announcements or participate in online chat within REDi. Access to REDi is available to any CAC card holder, and REDi is available on both the unclassified and SIPRNET networks. Deployment of REDi on the CENTRIXS-K network for Korea is anticipated in the near future.



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