Our current project is quite complex and... I am very impressed with the quality of the people involved and the excellent teamwork demonstrated.
of the GIS environment for processing. To achieve an optimum balance in respect of quality and efficiency, a semi-automated approach to re-alignment has been taken, the first stage of which is to automatically shift the network data in accordance with business rules defined by United Utilities and the control vector link files provided by the Ordnance Survey, defining the precise shift patterns for each map tile affected with before and after coordinate positions of points on the map tile as well as the feature code of the feature to which the link relates.

APIC-Shift software from vendor STAR-APIC was selected as an efficient and cost-effective solution for the automated shift. Having performed the shift, the software is configured to highlight areas of the network which may require the attention of a Data Engineer in accordance with the business rules agreed. The Data Engineer is then responsible for either accepting the changes made or making manual modifications as appropriate. Any changes made by a Data Engineer are recorded by the APIC-Shift software, providing a complete audit trail which can be used for reporting purposes.

Once re-aligned, each batch is then subject to a series of quality checks prior to release to United Utilities. In this regard, each batch is organised into a number of sub-grids and checked on a grid-by-grid basis.

As utilised on previous other data capture and conversion projects undertaken for United Utilities, Cad-Capture has implemented an Electronic Document Management and Workflow System (EDMS) to facilitate effective communication during the project lifecycle.

Based on market leading technologies from Open Text's LiveLink ECM eDOCS™ content management platform, the system provides a centralised and secure environment for organising, managing and accessing project related information. Hosted by Cad-Capture for the duration of the contract, the EDMS enables up-to-date accurate information to be readily obtained regardless of geographic location or time zone and is used to manage and communicate Problem Resolution Queries (PRQs) raised during the contract. As the first 'port-of-call' for project team members with a query, this knowledge base acts to improve efficiency and consistency by preventing duplicate questions being raised by different team members.

“As a result of this and other projects undertaken, Cad-Capture has developed extensive knowledge of distribution network modelling and has proven expertise in the set-up and training of specialist project teams”, said Simon Watts, Managing Director of Cad-Capture. “Once again, we are delighted to further extend the scope of services provided to United Utilities”.

Brian O’Neill, Projects and Data Manager at United Utilities said, “United Utilities has successfully utilised Cad-Capture UK services on a number of utility GIS data projects and I am pleased that their initiative in developing offshore services in China has enabled them to successfully tender and compete with our other onshore and offshore options. Our current project is quite complex and involves electricity, clean water and waste water networks and having been directly involved in the training of the China team offshore I am very impressed with the quality of the people involved and the excellent teamwork demonstrated”.

If you would like to know more about what we could do for you, phone: 01254 504444 or visit our website at: www.cadcap.co.uk