

Video Data Capture Technology Enhance GIS Data

Osmose Utilities Services, Inc (NY, USA) has introduced a new approach to the collection and integration of T&D asset data that promises to enhance the accuracy and value of field surveys and inspections. The Osmose Video Data Capture system (VDC) can provide a "virtual field visit" for the utility operator while also streamlining project design and quality control procedures.

Prior to this development, data collection projects required multiple field visits by both the contractor and the client to ensure accuracy and compliance with data acceptance specifications. Data accuracy and completeness are the most important elements of field surveys in support of GIS, Outage Management or Joint Use applications. Osmose developed this new approach so that T&D asset information can be audited and verified without leaving the office, making it possible to settle third party and joint user disputes.

Utility users have the option of Internet access to video data clips hosted by the Osmose Data Center. This approach is an ideal solution for utilities seeking to increase the quantity and quality of computer-based spatial data that describe the location, condition and connectivity of poles, conductors, control equipment, street lights, telecommunication attachments and meters.

The Osmose VDC approach integrates high-quality audio, video and GPS technology for ease-of-use by specially trained field technicians. Osmose data processing professionals translate the audio, video and GPS data into the customer's specified software format, after extensive but efficient quality control. Processing tools allow for comparison of video to customer source data, business rules validations and population of the customer's target information system.

<https://www.gim-international.com/content/news/video-data-capture-technology-enhance-gis-data>
