

CLIENT Enterprise Products L.P.
INDUSTRY Energy
TECHNOLOGY Measurement Application Switching

THE OPPORTUNITY

Enterprise Products Partners L.P. is one of the largest publicly traded energy partnerships with an enterprise value of more than \$15 billion, and a leading North American provider of midstream energy services to producers and consumers of natural gas, Natural Gas Liquids (NGLs) and crude oil. Enterprise transports natural gas, NGLs and crude oil through 32,670 miles of onshore and offshore pipelines, and is an industry leader

in the development of midstream infrastructure in the Deepwater Trend of the Gulf of Mexico.

Their NGL pipeline is the product of several individual acquisitions over the years. Enterprise was seeking methods and processes that would allow them to reduce their operating costs as well as increase their product availability and revenues from corporate headquarters in Houston, Texas.

THE PROBLEM

Enterprise's pipeline has grown as a result of several separate pipeline acquisitions over many years. As a result, the pipeline Enterprise has today is made up of many dissimilar technologies, assets, software and business processes. These varied and complicated technologies present barriers to economies of scale.

Additionally, as Enterprise continues to acquire new assets, they can expect to continually be presented with additional dissimilar technologies, assets, software and processes that will all need to be assimilated into their corporate infrastructure.

THE SOLUTION

Enterprise's pipeline operations deployed Cyte Technologies' EdgeBroker™ application switches at their Houston and San Antonio disaster recovery backup sites. The EdgeBrokers contain the Open System Software (OSS) that allows Enterprise to rapidly integrate all existing and future pipeline technology into a single, corporate-wide operational and management view.

The EdgeBroker gathers information from many different vendors' equipment, and then it performs real-time validation, and finally re-forms the data into a single schema before shipping it to the corporate databases and

billing applications. If the EdgeBroker or regional telecommunications fail, the backup facility in San Antonio automatically receives the incoming data and continues the business-critical function of data acquisition.

Technical and management personnel have an extensive set of tools to evaluate operations from any corporate or regional location. Field and control center personnel use the same GUI software, OverCyte, to view real-time status of the pipeline operations.

THE BENEFIT

Enterprise management, operations and field service all have a single unified view of their corporate pipeline entity in real-time. Confusion among different departments, regions and subsidiaries is drastically lessened. Asset nomenclature, nominal operation parameters and recovery processes are greatly simplified. This simplification allows an increase in understanding of

the total pipeline environment and thus improved economical manageability.

Future acquisitions immediately become a greater value due to the reduced cost of integration into the corporate technology infrastructure and processes.