

Gold Client solves difficulty scheduling maintenance of SAP Production System by providing continuous access to critical data

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GDF SUEZ businesses (power, natural gas, energy services) provide highly efficient and innovative solutions to individuals, cities and businesses by relying on diversified gas-supply sources, flexible and low-emission power generation as well as unique expertise in four key sectors: independent power production, liquefied natural gas, renewable energy and energy efficiency services. The company employs 138,200 people worldwide and achieved revenues of €82 billion in 2012 through six business lines.

GDF SUEZ relies on SAP for Utilities software solutions to optimize operations, improve return on assets, and identify and deliver new products to increase the company's growth potential. Its 2.3 terabyte production system is also the central point for managing and completing plant maintenance and work permit orders across multiple plants. To ensure all safety measures are enforced before inspections, repairs, or preventive maintenance work, GDF SUEZ also integrates the Work Clearance Management (WCM) process with Plant Maintenance data.

Use Case

Maintaining an SAP production system is essential, however, each time the SAP maintenance team scheduled a planned weekend production outage, the company's power plants resisted any disruption. Since the power plants run all day, every day of the year, work orders and the WCM integration must be accessible at all times to ensure efficient and safe working conditions when executing plant maintenance. It is also critical that stock inventory data is accessible to ensure the correct spare parts arrive at the proper locations during emergencies.

GDF SUEZ turned to Attunity Gold Client for repeatable replication of select critical data to a secondary system. The unique data management software allows teams to quickly select and copy subsets of only relevant data, relieving the costly drain of resources, storage and time required to manage, support and secure data across SAP environments.

Flexible and robust selection criteria of Gold Client allows the targeting of data created or modified within a specified period. Only work orders and linked data such as materials and services, export from production and import into the backup system. Extensive features and the efficient export-import process allow the daily automation of select, critical data to be replicated exactly as it resides in production.

During a Production outage, scheduled or otherwise, up-to-date work orders and work permits can be accessed or printed from the backup system. Scheduled maintenance no longer interrupts the efficiency or safety of the working environment.

Benefits

“Gold Client offer us peace of mind because we can provide continuous access to critical data,” said Oumar Ndoeye, Project Manager, Asset Management and Logistics Department at GDF SUEZ. “Now it is much easier for our teams to complete their maintenance tasks, as Gold Client enable an efficient way to continue business as usual with plant work orders.”



GDF SUEZ

GDF SUEZ Business Lines

- Energy France supplies natural gas and electricity to private customers, professionals and businesses throughout France
- Energy Europe and International produces electricity and distributes and supplies gas through five divisions in Benelux and Germany, the rest of European countries, North and Latin America, Middle East, Asia and Africa
- Global Gas and Liquid Natural Gas (LNG) is engaged in exploration-production, supply, sales and liquid natural gas
- Infrastructures operates the transport, supply and storage of natural gas and the regasification of LNG
- Energy Services provides consulting services for the design and construction of electrical, nuclear, gas and industrial facilities
- Environment specializes in the provision of water, waste treatment and recovery