SINCE 1984

Comsys software

Comsys Software S.A.E - Egypt's leading Software provider for Hospitality, Retail, and Financial Software solutions.

Replication, a powerful tool for working offline with online features

Replication is a powerful tool for working offline with online features especially with today's internet status, which has proven disappointment for online system lately.

Challenge

Italian Express required from Comsys that it should get "real time" status from their cruises while they were cruising in the Nile between Luxor and Aswan, to manage and look at all operations of the cruises.

Solution

A close working relationship was developed between Comsys and the Italian Express IT team to draw a solution outline. This was then submitted and a solution of creating an SQL replication between the Italian Express HQ and the Nile Dolphin cruise was agreed on, and with the cooperation of Vodafone Egypt a connection between the cruise and HQ was established.

Phase I (Assessment)

Comsys support team identified and analyzed the needs and data needed by Italian Express that should be replicated on an on-line basis in an assessment report, a pilot database was created to develop, design and assess the out comes. Comsys support team then described the replication tool that was developed to the Italian Express IT team as a set of technologies for copying and distributing data and database objects from one database to another and then synchronizing between databases to maintain consistency. Using this replication tool, you can distribute data to different locations and to remote or mobile users over local and wide area networks, dial-up connections, wireless connections, and the Internet.

Phase II (Third Party)

Various connection solutions were offered by Vodafone Egypt and a mix of two solutions was chosen. The customized solution included a data rate bundle plan and a 3G Wireless Router – it's a 3G/UMTS router which uses 3G/UMTS/HSDPA technology to provide high-speed mobile data connectivity to small groups of users, letting them share data and applications on a

common network and connect to remote networks while providing uninterrupted and secure access where fixed Internet connectivity is not available or fixed line back-up is required.

Phase III (Implementation)

Pilot database was created to develop and design the replication to comply with the needs of Italian Express. Comsys support team started setting the pilot database at Italian Express head quarters, and remotely applying the replication on the cruise (Nile Dolphin). With the matching of the outcomes to the assessment report, the Italian Express IT team expressed their satisfaction and joy by applying this replication to their live database on the same day of the implementation.

The process of designing, developing and implementing the replication tool took One day, making this one of the fastest and successful implementation for the replication tool build by Comsys Software S.A.E

FOR FURTHER INFORMATION PLEASE CONTACT COMSYS SOFTWARE

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Benefits and Results

In order to meet their very specific requirements, the Italian Express choose to work with a professional, flexible, and reliable software company who they saw confident to provide the quality and expertise that was required.

In addition, Italian express selected Comsys Software as their success partner, based on their ability to deliver on several essential criteria:

- Quality and continuity of the development and delivery

- Cost effectiveness

- Ability to offer a seamless integration with different third parties

- Flexibility in developing different client requests on the software solutions

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