



Falcon I.T. Services

Comprehensive Solutions for Small Businesses

Case Studies

Alfagres, Phase II

Client Profile

Alfagres, S.A. is a tile manufacturing corporation based in Bogotá, Colombia that employs over 2,000 people worldwide. Alfagres maintains its U.S. Headquarters in Miami, Florida in addition to U.S. distribution facilities in Texas and California. For more information, visit <http://www.alfa.com.co>

Requirements

Alfagres needed a redundant solution for business continuity. Alfagres needed a way to keep its distribution warehouses in California and Texas operating in case its main office in Miami had to be shut down due to a hurricane.

Solution

Falcon I.T. Services provided Alfagres with a simple yet powerful Microsoft solution for its business continuity problem. NTFRS or Microsoft NT File Replication System, replicates shared network data in real time across multiple servers.

An additional server was purchased and installed in Bogota, Colombia. Both servers replicate data between each other, using the VPN and in real time. Any file that changes in one server, automatically changes in the other within seconds.

In addition to providing the call center agents with faster access to their data (they access the local Bogota server) Alfagres insured business continuity by having its data mirrored and stored on two server located in two separate locations.

In the event that one server goes off line, real time data can be retrieved from the other server. In addition, if the Internet WAN links fail, both Miami and Bogota have local access to their data. Once the WAN links go up again, the servers continue to replicate the data that has since changed.

Phase II was awarded to Falcon I.T. Services due in part to Falcon I.T. Services installation of a highly reliable Phase I network. "If the file replication works as well as the network you set up" exclaimed Alfagres, U.S. general manager, Carlos Boggio, "I'll be very happy."

Needless to say, he was not disappointed.



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