



## DR Site Implementation

# case study



### Keys to Success

- Define processes and procedures that would allow for the rapid recovery of the production environment
- Created a team that defined the best set of solutions for the given environment
- The project was executed in three phases.
- Partnered with Goya Foods management and staff to overcome the challenges

### Products

IBM Blade Center  
IBM HS22/HS22V  
VMWare ESXi  
VMWare vCenter  
Windows  
RedHat Enterprise Linux  
Oracle  
Manhattan BW

### Overview

An international food manufacturer, Goya Foods, has over 1,500 product offerings and has over one million square feet of manufacturing and packaging capacity. A critical aspect of their successful operation is managing the delivery of products to the store shelves in a timely manner. After implementing a data warehouse solution to address product distribution, Goya realized this critical system needed to be available 24 hours a day, 7 days a week. A solution was required that would provide this type of availability in the event of a disaster.

### Challenges

Goya's business plan to maintain operation despite any predictable disasters involved the creation of a robust IT infrastructure with a remote disaster recovery site to support business critical systems.

The plan involved building a remote disaster recovery site to house a continuously replicated copy of their Warehouse Management system (WM), Transportation Planning and Execution system (TP&E), and Supply Chain Intelligence system (SCI). Developing the business procedures for failover to DR equipment and then later back to the production systems was also a key component of the project.

The challenge was to implement the disaster recovery solution that involved a complex infrastructure of disparate systems, locations and multiple vendors to achieve the goal of keeping Goya "up and running" no matter what.

### Solution

Every Infinium Technologies provided a Solutions Integration team to assist Goya Foods in the implementation of the new DR infrastructure to support the application processing requirements of the business critical systems. The new infrastructure consisted of BladeCenter Servers, VMware, Windows Server, Red Hat Linux, SAN and Network components. The goal of the project was to provide the support infrastructure and define processes and procedures that would allow for the rapid recovery of the production environment in the event of a disaster at the production site.

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### Geography

Services Nationwide  
Services International, Europe,  
Africa, Central America

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Advanced Business Partner

The project was executed in three phases:

- Phase 1 – Installation of the DR site infrastructure to support the Goya production systems processing requirements in the event that the primary site becomes unavailable. Completion of this phase established a cold site DR environment.
- Phase 2 – Implementation of the replication of system and application data from the production environment to the DR site without impacting production operations. Completion of this phase established a mirror copy of the production environment to allow for operational processing.
- Phase 3 – Testing and documenting the DR site recovery processes and procedures. At the completion of this phase the DR Site housed a near instantaneous copy of the production data along with automated startup processes and procedures to ensure a smooth transition to the DR environment in the event of a disaster.

## Summary

Infinium Technologies played a key role in helping Goya achieve its business objectives of establishing a viable DR solution to facilitate the continuous operation of critical business systems. Infinium partnered with Goya Foods management and staff to overcome the challenges and manage the successful execution of the DR project.

Infinium Technologies' engineers each have over 20 years of IT experience encompassing enterprise class technologies. These trusted engineers are not only good experienced leaders but are also very good listeners. Infinium Technologies prides itself on listening to their customers to find the real issues at hand and overcome those challenges and satisfy customer's needs and expectations.

## About Infinium Technologies, Inc.

Infinium Technologies, Inc. is a Georgia based corporation that provides IBM professional services centric to IBM Storage, IBM scalable e-Server products, as well as IBM High Availability, Virtualization and IT Management solutions. Infinium has set themselves apart in the marketplace by delivering professional consulting service focused on implementing and managing the top technical and business solutions available: AIX & Linux, IBM TotalStorage/SAN, SVC, TPC, HACMP/Highly Available Clusters, e-Business, pSeries, xSeries, OpenPower, Blade Servers, Tivoli Storage Manager, WebSphere, Apache, Oracle and SAP.