

Case Study: Disaster Recovery Audit for a Chemical Company

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About the Customer

Our Client is one of India's leading agrochemicals companies with 1000+ employees. The company has factories in five locations in India and a network of 1,500 distributors that reach more than 40,000 retail counters. It has the largest agrochemicals capacity in the country.

The Challenge

As part of their internal procedures, the customer wanted a complete thorough audit of its disaster recovery capability. The Client wanted us to conduct a pro-active DR activity for their site and their SAP systems.

The Solution

Security Brigade's team conducted a thorough audit of the organization's policies and procedures to understand the requirements and catch any shortcomings in the policy documentation. Based on the knowledge obtained a mock drill was conducted to test the organizations capability in to respond during the time of a disaster. Key highlights of the drill are listed below.

- 1) Review of existing DR/DCP related infrastructure architecture.
- 2) Review of existing IT related policies and procedures including BCP/ DR process. Interaction with BCP / DR process owners.
- 3) Various Service provider Contract review and SLA monitoring who are supporting BCP / DR activities.
- 4) Datacenter Site - security control review of SAP application Infrastructure
- 5) SAP DR Audit
 - a) Disconnecting SAP connectivity from the Main Server
 - b) Switching Users over to DR Server
 - c) User Conducting Business on the DR Server

On completion of this engagement, the Disaster Recovery Report not only identified serious threats in the organization's policies and procedures, networks, systems, web-applications but also provided the customer with best-practice advice to further improve their overall security posture.

The Deliverables

The reports and remediation information provided were customized to match the Client's operational environment and development framework. The following reports were submitted to the customer:

- **Observation Report:** Detailed observation report highlighting various aspects of the audit and recommendations for the same
- **Disaster Recovery Audit Report:** Provides a holistic image of the Disaster Recovery preparation that was within the scope of this engagement.
- **Executive Report:** Overview of the entire engagement, the issues identified and the recommendations made to mitigate the same.

The Benefits

Our Disaster Recovery Audit Service allowed the Client to get a detailed insight into its organization-wide compliance and security posture.

Additionally, the Client gained the following benefits:

- **Risk Benefits:** Security Brigade minimized security risks by assessing the customer's organizational and infrastructure threats and recommended solutions with proven methods to enhance security.
- **Customer Satisfaction:** Disaster Recovery Audit was conducted with minimum interruption and damage across customer systems to identify impacts and potential risks.
- **Compliance:** The Client was able to gain assurance as to the effectiveness and implementation of their Disaster Recovery Implementation. They were able to plug several threats that would have caused them to violate their compliance obligations.



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