Leading Energy Corporation trusts Continuity Vault to Create, Manage, and Automate their Business Continuity Plans

Client Profile

The Energy Corporation was established by decree in December 2009 by His Highness Sheikh Khalifa bin Zayed Al Nahyan, President of the United Arab Emirates (UAE).

ENEC is responsible for the implementation of the UAE Peaceful Nuclear Energy Program, including:

- The design, construction and ownership of the UAE's first nuclear energy plant.
- Working closely with the Abu Dhabi and Federal governments to ensure that the peaceful nuclear energy program is aligned with the industrial infrastructure plans of the UAE.
- Developing the human resource capacity for the nuclear energy program in coordination with the educational sector in the UAE.
- Effectively engaging with the UAE community to ensure a high level of awareness and understanding about the program and the role of nuclear energy in the nation's energy portfolio.

ENEC also serves as the investment arm of the Government of Abu Dhabi, making strategic investments in the nuclear sector, both domestically and internationally.

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Their Challenges

ENEC has three entities (Emirates Nuclear Energy Corporation, Barakha One Company, and Nawah). Each entity has multiple departments and processes. Managing Business Continuity process manually for so many processes was extremely cumbersome especially when the organization is housed in different locations and to top it, Covid-19 forcing the employees to work from home. Hence the organization was looking for a tool that can automate the complete BCM process and is centrally located so that the stakeholders based out of various locations can work on the same platform.

Problem Statement

Manually conducting Business Impact Analysis, Risk Assessment and generating recovery plans as well as the reports for multiple processes especially when the stakeholders of these processes are spread across multiple locations.

Technology Landscape

Primary copy of Continuity Vault is installed in the PR site of the client with High Availability. DR copy of Continuity Vault is installed in the client's DR site with data replication between PR and DR site using native replication capability of MySQL.

Solution Offered

As one would expect from any organization that deals with nuclear energy, even ENEC is an extremely process-driven organization and just the orientation is so comprehensive that our team had to undergo strenuous sessions that culminate with examinations. This continual learning process is scheduled to continue until the partnership lasts. Once Perpetuuiti overcame this as a process, we scheduled dis-cus sions with the business team (BCM team) to get a clear understanding of the requirements and soon Perpetuuiti learned during this discovery phase that ENEC's BCM templates are quite unique to the organization and hence the solution needs to be a bespoke solution. We implemented Continuity Vault (CV), our flagship product from Perpetuuiti's Resiliency Automaton Platform. The solution included the below components:

- Customizing BIA templates to automating BIA process for individual department/ process.
- Integrating Continuity Vault with their corporate RM tool to pull risk assessment information related to BCM.
- Customizing Continuity Vault to automatically generate BCM plans based on the BIA and RA information in a particu-lar format that ENEC is used to.
- Integration of CV with ENEC's notification tool to invoke the plans that are prepared in CV in case of an incident occurrence.
- Integration of Continuity Vault with ENEC's Number Genera-tion system to automatically generate the document number for any document that is prepared in CV such as BIA, Process-wise BIA report, BIA summary report, BCM plans, BCM strategy document, Post incident activation form, Incident log form, KPI report, Drill activation calendar, etc.
- Customizing CV to generate reports in a format used by ENEC.
- Integrating CV with ENEC's Document Management System to push the documents that are generated in CV.
- Integrating CV with ENEC's HR system to pull resource related information.

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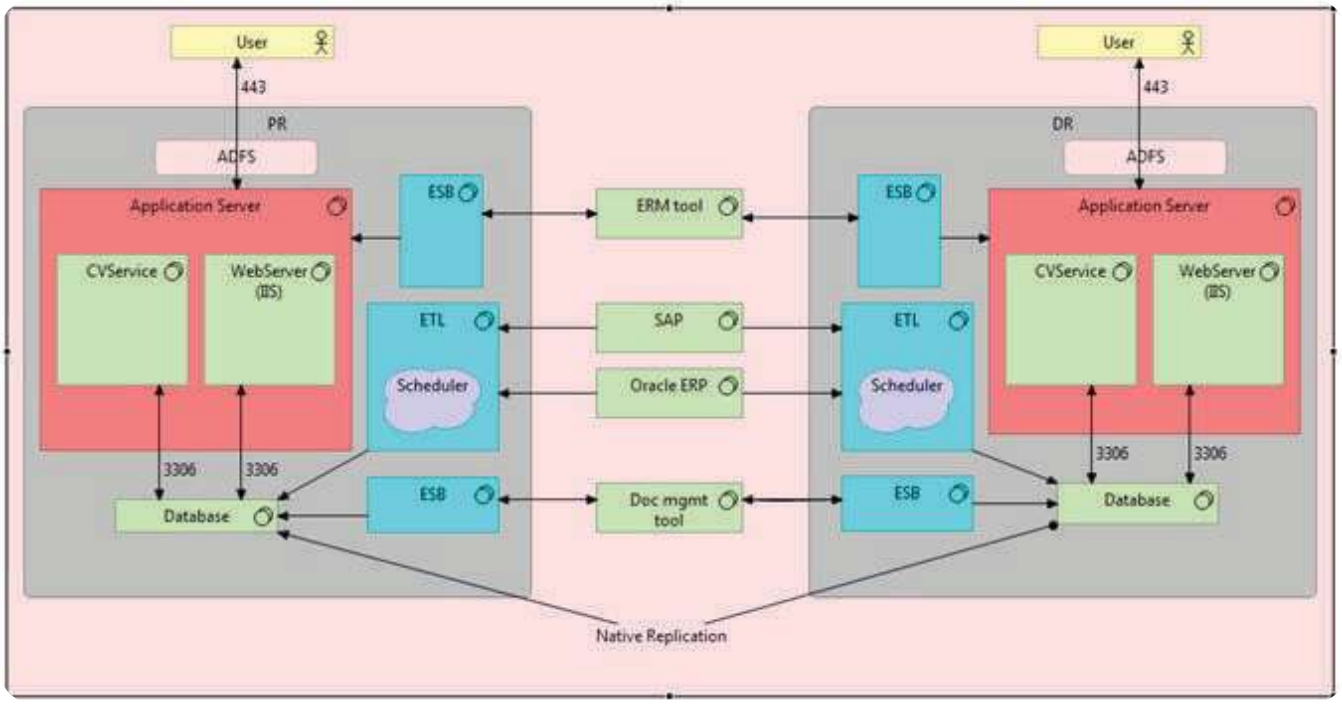
Solution Architecture



Benefits to Business

- CV has significantly reduced the implementation time (duration) of ENEC's BCM Program, thereby reducing the actual risk of not having a plan or not having an effective plan in the event of a disruption.
- Reduces ongoing administration time to manage planners, hierarchy and data changes by multiple hours per week.
- The amount of effort and resources required to build the methodology, define the references and hierarchies, templates, forms, libraries, and creating and managing the activities leading to an operational business continuity program can be a staggering endeavour. BCM automation with CV has minimized this effort greatly.
- Continuity Vault is one of the most comprehensive business continuity tool that allows organizations to effectively command, control and co-ordinate all business continuity capabilities. Hence complete life cycle of Business Continuity is managed by ENEC using
- CV provides the ability to easily modify and update the dynamic organizational data as changes occur over time. This maximizes ENEC's accessibility and minimizes the change management effort to publish updates to the planner and recovery team members.
- Definable organizational hierarchy and locations structure. When changes in the functional or geographic layout of the organization occur, the organization unit structure, locations and relationships will be able to be added, modified, moved or deleted. The reference data changes will automatically cascade and move with any data tied to this structure.
- Plan developers will be able to be added into definable user groups with preconfigured role-based privileges, easing the effort to define, add, modify, filter, maintain and delete user access to proper data and functions.
- With CV, planners will only be able to view, access or edit data and content based on specific need and requirement. All data and content is filtered based on the user's access privileges. Planners can perform activities and updates within respective workgroups without having access to sensitive data from other planners or work groups.
- A centralized resource library with the ability to import and inventory asset data and resource information that will be defined once and leveraged in multiple places for impact analysis and plan development.

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- With integration with HR database automatically synchronize contacts (employees, their contact details etc.) with external databases.
- Efficient Plan Development and Approval. This enables various stakeholders as plan reviewers and approvers to be able to view and approve online plans with automated triggers and alerts.
- Enables a decentralized plan development approach where persons closest to the process can easily build and maintain their own continuity plans.

Key Outcomes

OPTIMIZED RESPONSE TIMES

Quick and Efficient response to an incident.

REDUCED DOWNTIME LOSSES

Sustained/ Recovered critical functions more quickly and efficiently.

INCREASED PRODUCTIVITY FOR NORMAL OPERATIONS

Achieved gains in the efficiency and resiliency of the organization's key processes.

READY FOR YOUR OWN SUCCESS STORY?

Get in touch with our automation experts and learn how you can fast-track your digital transformation initiatives.

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About Perpetuuiti

Perpetuuiti empowers people and businesses alike. We deliver the world's most-comprehensive and urbane automation platforms making work more human. Our platforms deliver leading-edge automation solutions for modernizing resiliency management, and turbocharging the performance of your applications, IT and business operations at speed and scale to drive exponential efficiencies.

For more information, visit www.ptechnosoft.com

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