

# Data Replication and Disaster Recovery Solution



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## OCSL and JE Bernard Group

Bernard Group is a Global Freight Management and Logistics Organisation with 320 offices in 66 countries and over 75 years of industry experience. Bernard's award winning product range encompasses every transportation mode, warehousing, distribution, customs management, Logix® Supply Chain Solutions, and the integration of specialist third party suppliers. In an age of velocity, access to real time Business Critical information is vital, from the status of a single transaction to a complete overview of the supply chain logistics process. Bernard's systems are engineered to achieve this through one, integrated resource providing control, the ability to make superior business decisions and an informed basis for continuous improvement.

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## Background

As a true 24 x 7 organisation, the cost of any downtime to Bernard's business would be substantial. Seeking to protect against any disaster e.g. a warehouse catching fire, Bernard's approached OCSL to consult on a Data Replication & Disaster Recovery Solution.

All of the company's existing storage was either directly attached to servers or in an entry level active – passive SAN consisting of HP MSA and VA Technology tied to the various Operating systems of the company. This was a disparate approach, which had hidden costs relating to administration technology, upgrades and patch upgrades.

OCSL consulted with Bernard and designed a HP based solution comprising HP's Continuous Access Software based on HP StorageWorks EVA technology to provide a replicated environment between the two sites.

The Replication Technology Solution, which was created, comprised the latest HP EVA Storage Array technology, with HP Business Copy software combined with McData Eclipse Routers and SAN switches. An LTO3 Library with Data Protector completed the solution.

## Benefits

Bernard's saw many benefits from the implementation of the solution. The SAN array provides a platform for a secure replicated copy of the data in real-time at Hainault, with a manual failover to a second site in Tilbury for additional security. This additionally offers the ability for active users at Tilbury to replicate bi-directionally back to Tilbury.

Prior to installing the EVA, a backup would take in excess of 24 hours. Backups were not always successful and failures often occurred, which in the result of an outage would have impacted on Bernard's business. Following implementation of the EVA solution, it takes just 1 hour and 40 minutes to backup the entire facility including email archiving.

**"We have seen huge benefits from OCSL's DR solution, our backup time is now minimal, securing our entire IT facilities"**

By selecting EVA technology, the number of servers which could be attached to the device, was dramatically increased. Therefore more users can attach to the Array. The EVA offers active-active controllers, which therefore enhance performance for the organisation.

This was achieved through the implementation of a SAN based Fibre Backup facility with HP's Data Protector software. The solution also enables Bernard's to use the same disks for Intel and Unix servers – seen as a real benefit by the organisation as it provides more capacity through growth.

Whilst demonstrating the relative ease of implementing a Replication Solution, the project is also a good example of how OCSL can effectively project manage a multitude of vendors e.g. HP, McData and ABS (Bernard's Telco provider), to ensure the solution meets the requirements of the organisation.



## Why partner with OCSL

OCSL has been assisting organisations to maximise their IT investment for over 15 years. Our world-class partnerships with organisations like HP, Cisco and Oracle means that we have the knowledge to look at your IT estate with fresh but experienced eyes.

Our specialist areas include server consolidation, SAN deployments, creating integrated backup strategies and tailored support contracts. So you can rest assured that you are in safe hands.

## Installed and supported by the infrastructure experts

You can feel reassured that partnering with OCSL brings you immediate expertise and on-going support. OCSL are a highly accredited HP partner and one of just a handful of ASMP (Authorised Service Management Partners), for HP. This means that backed by HP, OCSL can tailor an exact support solution to meet your needs from 4 hour on site response to ship to site for disaster scenarios.

## What to do next

We'd welcome the opportunity to be benchmarked against your current suppliers because we know OCSL can offer you smarter alternatives – that's why our customers include well-known organisations like Sanofi Aventis, Allianz Cornhill and Williams F1.

**Simply contact the team on 0845 6052100, email [info@ocsl.co.uk](mailto:info@ocsl.co.uk) or visit the web site at [www.ocsl.co.uk](http://www.ocsl.co.uk)**



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