

BARBADOS PORT INC. ONLINE DISASTER RECOVERY CASE STUDY



ABOUT THE BARBADOS PORT INC.

- The Port of Bridgetown (officially the Barbados Deep Water Harbour), is a seaPort in Bridgetown on the Southwest Coast of Barbados. Situated at the North-Western end of Carlisle Bay; the Harbour handles all of the country's international bulk ship-based trade and commerce.
- In addition to international-shipping the Deep Water Harbour is the Port of Entry for Southern-Caribbean cruise ships. The Port is one of three designated Ports of entry in Barbados, along with the privately owned Port St. Charles marina and the Grantley Adams International AirPort.
- The Port handles approximately 700,000 cruise passengers and 900,000 tones of containerized cargo per year.

BUSINESS CHALLENGE

- The Barbados Port is at the heart of the country's productive sector. With tones of goods flowing through the Port daily, service disruption however small could spell disaster for the country's operation.
- Over the years due to computerization of critical operations from shipment schedules, container management systems to email communications, the Port is highly dependent on its ability to access its technology resources in a timely manner.
- The investment to back up and protect the Port's data via Tape Backup of over sixteen (16) servers with critical systems no longer represented the best practice for a world class Port and they required a solution that reflected the criticality of their operation

OBJECTIVES

- Reduce time to recovery to immediate

- Reduce onsite hardware requirement

- Improve failover testing

- Must be cost effective

ONLINE DISASTER RECOVERY & SECURITY

WHY CHOOSE ACROKNIGHT DISASTER RECOVERY

SUNISLE TECHNOLOGY SOLUTION IN-HOUSE SERVICE BRAND

Sunisle Technology Solutions offers Disaster Recovery as a Service (**DRaaS**), from data hacks, malicious ransomware or severe weather events, any business can be affected by a disaster. Below are just a few benefits of Sunisle Technology Solutions' DRaaS for businesses.

- **FEWER NECESSARY RESOURCES** - **DRaaS** recovery data is stored in the cloud, which reduces the on-premises hardware requirements. Traditional disaster recovery services generally need expensive on-premises hardware and are complex to implement and manage.
- **ROUND THE CLOCK SERVICES** - Sunisle Technology Solutions **DRaaS** is a **24x7** service; we know that disasters aren't limited to business hours. We offer a real-time disaster recovery replication solution **SecondSite™**, built on the award-winning **Double-Take** platform; it allows your business to be up and running within seconds.

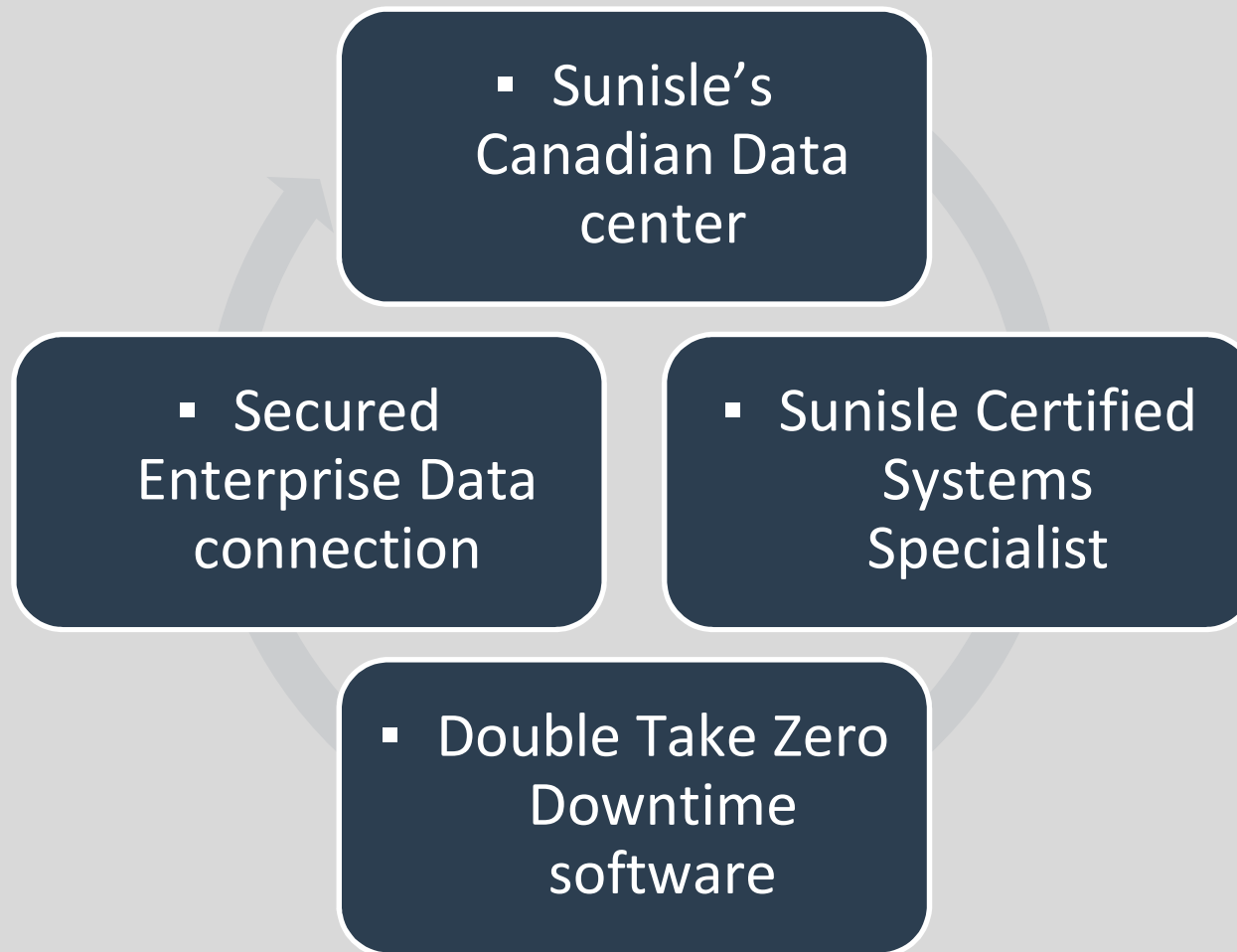
WHY CHOOSE ACROKNIGHT - DISASTER RECOVERY

SUNISLE TECHNOLOGY SOLUTION IN-HOUSE SERVICE BRAND

- **COMPREHENSIVE DISASTER RECOVERY SERVICE** - Disaster recovery for many organisations is limited to managing and maintaining off-site backups. This is a labour intensive solution that can result in long recovery times in the event of a disaster. Sunisle's **DRaaS** includes failover testing, monitoring, rePorting, capacity management and low Recovery Point Objectives (**RPO**), giving businesses the confidence that their data will be available after a disaster occurs.
- **STREAMLINES IN-HOUSE IT NEEDS** - Many businesses do not have the IT expertise to manage disaster recovery solutions. Managing processes like data recovery or disaster prevention require knowledge of business process and a specific IT skillset. **DRaaS** allows businesses to leverage the expertise of the Sunisle Technology Solutions consultants providing a more effective way to implement a disaster recovery solution for your business.

SOLUTION

Sunisle'S Data Center + Vision's Double Take = Bulletproof Disaster Recovery



ONLINE DISASTER RECOVERY & SECURITY

RESULTS

Less stress and more time for the beach

With Sunisle, backups took considerably less time to complete compared to their old tape system. Since Sunisle's incremental-backup approach uploads changes at a block level, it allowed backups to finish quicker than the prior solution.

The improved performance of the solution saved time for the staff. What took roughly hours each month doing backup-related administrative tasks, now take minutes and backups happened automatically, with our 'set it and forget it' technology.

Resulting in:-

- Ability to make rapid information queries without interrupting the efficiency of rest of the system.
- Real-time data replication between the main production platform and data warehouse server.
- More efficient disaster recovery testing policy

RECOMMENDED NETWORK SECURITY FIREWALL

There is no disaster recovery without network security



FORTIGATE 100E – UTM FIREWALL

delivers next generation firewall capabilities for mid-sized to large enterprises, with the flexibility to be deployed at the campus or enterprise branch.

BUILT 'IN SUPPORT FEATURES

Firewall capacity 7.4 Gbps | IPS 500Mbps

Hardware supPort 24x7 FortiCare (Hardware/Os services and FortiGuard (Security Software Services)

ONLINE DISASTER RECOVERY & SECURITY



ABOUT US

ABOUT SUNISLE TECHNOLOGY SOLUTIONS

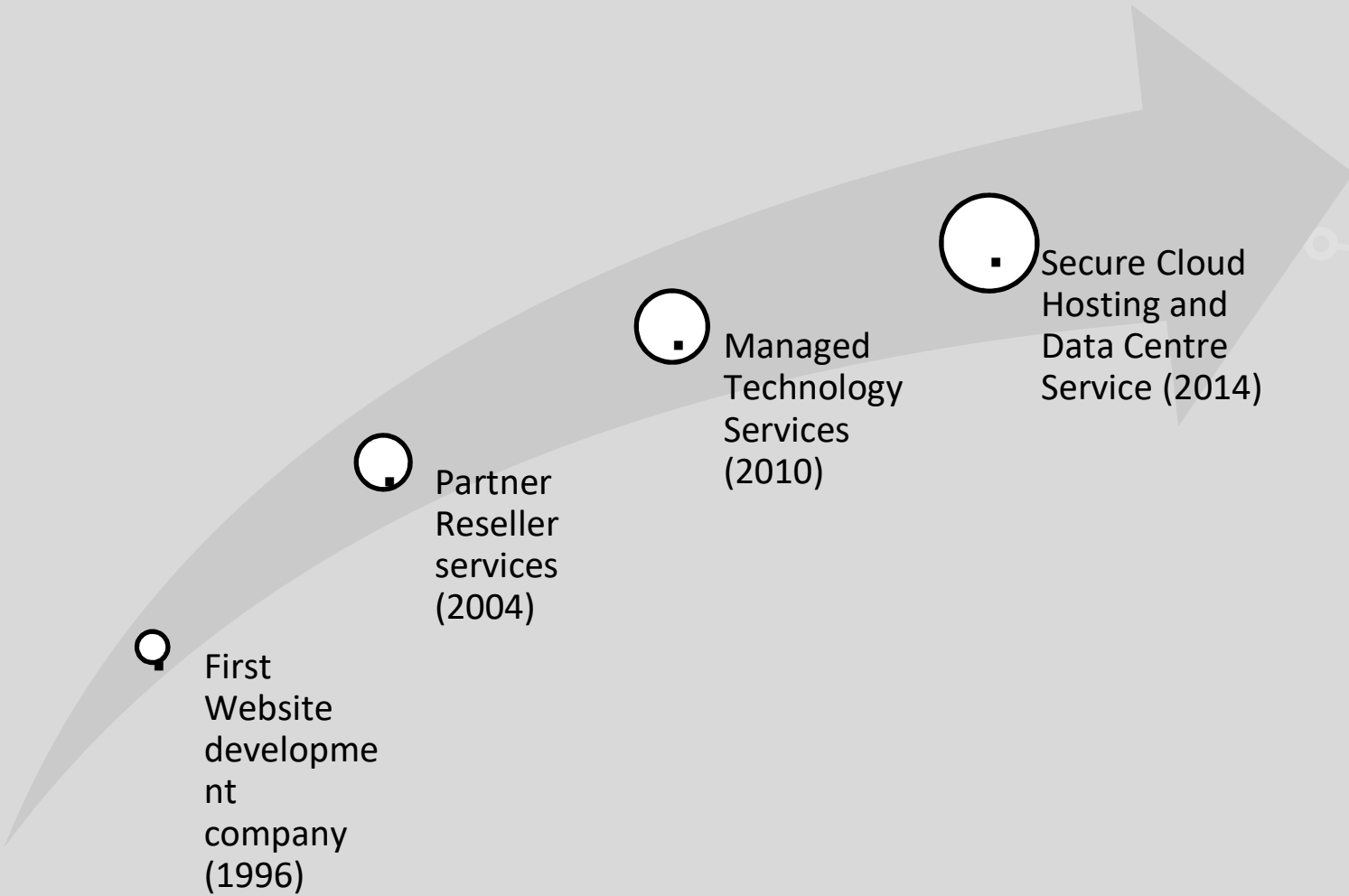
Managed I.T. Services

- Sunisle is geared towards meeting the specific needs of businesses that might not have an established IT department or whose department is under staffed.
- Sunisle's staff consists of qualified professionals with knowledge and experience to provide consultancy across the wide range of services.
- Sunisle's consultancy begins with the positioning and assessment of your strategic goals and objectives.

Web and Applications Development

- Sunisle has over 15 years experience in designing, developing and supporting websites and browser-based applications.
- Our development team consists of certified professionals with the knowledge and understanding of developing rich, robust, user friendly applications .
- We also possess the skills necessary for implementing and managing robust database systems and mobile website and application development.

GROWTH THROUGH PROGRESS



HOW IS THE COMPANY STRUCTURED?

The company has positioned itself to be a true virtual IT department :-



ONLINE DISASTER RECOVERY & SECURITY

THANK YOU FOR VIEWING

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