

DISASTER PREPAREDNESS



Cayman Islands Judiciary



October 2011 - CAJO Nassau / www.caymanjudicial-legalinfo.ky

RUM POINT RETREAT



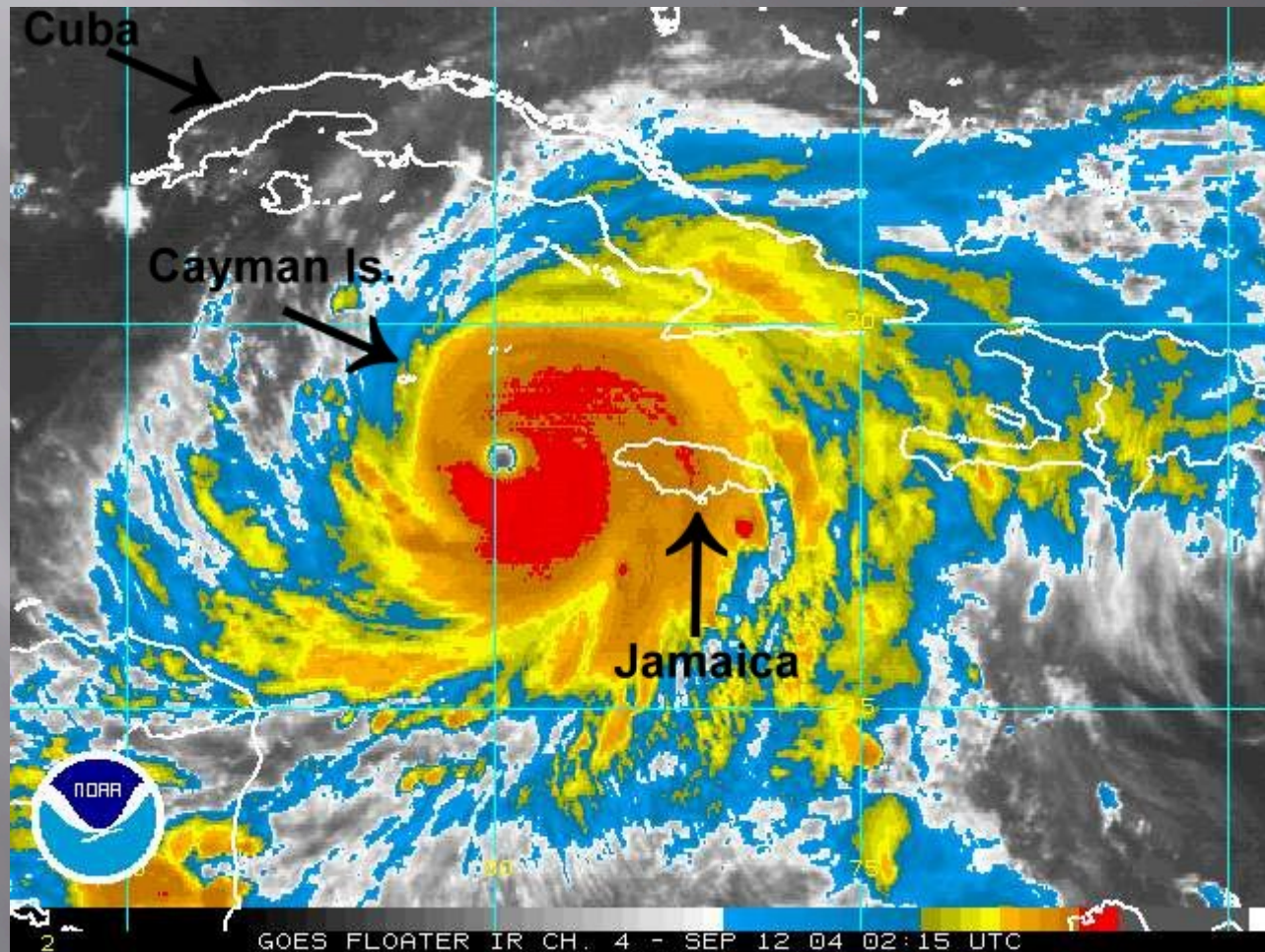
A satellite image of the Earth showing a large hurricane over the Caribbean Sea. The hurricane is a large, white, swirling cloud system with a distinct eye. The surrounding ocean is dark blue, and the landmasses are green and brown. The text "The Cayman Islands" is overlaid in white, bold font across the top of the image.

The Cayman Islands

12 September 2004

www.caymanweather.com

NATURE INTERVENED WITH LITTLE WARNING



Category 5 hurricane unleashed its wrath



Paradise Lost



Island-wide destruction

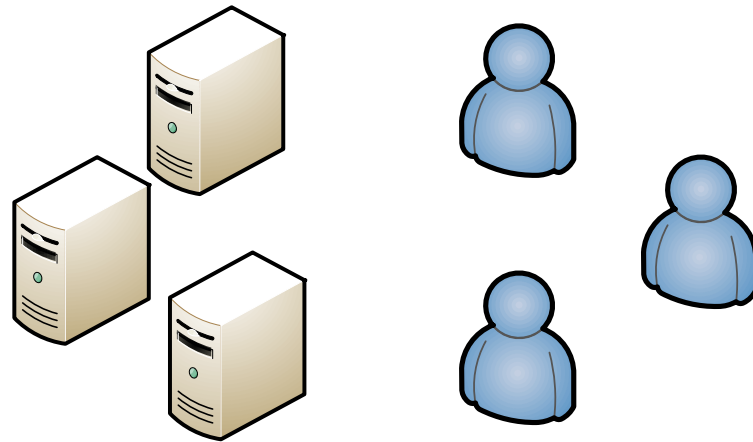


What did we learn?

- ▣ We were not prepared for any type of disaster on that scale, natural or man-made.
- ▣ Our court systems are vulnerable; physical facilities and business processes.
- ▣ We need to develop contingency plans that address disaster preparedness in a comprehensive way.



Current State Presents Vulnerabilities



All major servers in one location. Any physical damage, fire, flood will take down the entire network

All users and all their data located on a single site (across two buildings)

What are our DR Needs?

- ▣ To develop a DR Plan that:
 - Provides continuous backups of data to offsite location
 - Stores backup data in offsite location 100 miles away from the main Judiciary offices
 - Enables rapid restoration of data and services in the event of a disaster



What do our plans cover?

- ▣ Business continuity – preparing to operate without interruption
 - ▣ IT Disaster Recovery Planning
 - ▣ IT Recovery Testing

- ▣ Enterprise Hosting – Planning to stay connected
 - ▣ E-mail
 - ▣ Websites – Court User access to JEMS/e-filing
 - ▣ VaultCONNECT



▣ Data Replication & Disk Storage

- ▣ Offsite Continuous Data Protection
- ▣ Offsite Media Storage – Archive data in a climate controlled bank vault.

▣ Application Recovery Solutions – Restoring our data and applications

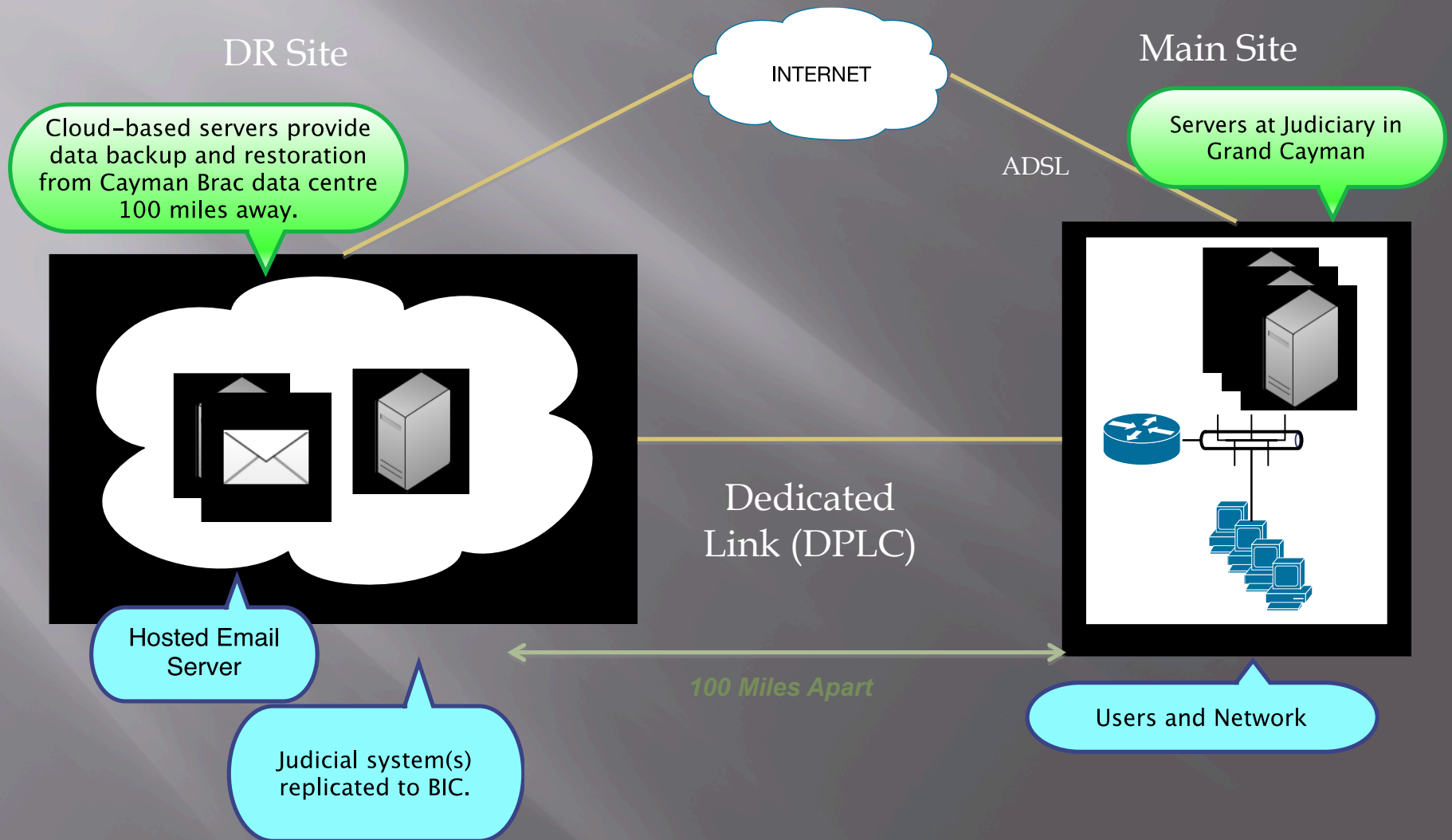
- ▣ Online Data Restores – Retrieve back-up data and keep our production servers running
- ▣ Remote Back-up Services – Activate your backup servers and keep your business running in in spite of problems with your production servers.



- ▣ Alternative Site Recovery Solutions –
Resuming operations and keeping our people
productive
 - ▣ Recovery Servers
 - ▣ DR Seats
 - ▣ Remote Connectivity



What will it look like?



Why Cloud?

- ▣ Provides Disaster Recovery options
- ▣ Reduces capital expenditure
- ▣ Reduces IT operating costs
- ▣ Provides cost-effective path to upgrade IT capabilities (vs. buying new hardware)
- ▣ Reduces IT complexity, simplifies the environment

Cloud Benefits - Brac Informatics Centre

- ▣ Less Capital Expenditure; Monthly fee covers service and hardware
- ▣ World-class data centre hosting 100 miles away
- ▣ Atop Cayman Brac Bluff approx. 150ft above sea level
- ▣ Data remains IN JURISDICTION
- ▣ Data Centre sustained 99.999% availability throughout Hurricanes Ivan and Paloma
- ▣ Outsourced Service Level Agreements, contractual performance standards

What is our timeline for implementation?

Phase	Timeframe
Phase 1: Move website to new Data Centre	DONE
Phase 2: Launch new website <ul style="list-style-type: none">• Portal for all local lawyers• Subscription services• Automated notifications of Causes Lists, Newsletters, Policies, Rules, etc.	Mid-OCT 2011
Phase 3: Replicate Major Servers to DR Site JEMS system replication Email system (either replication or hosted solution)	End-OCT 2011
Phase 4: E-Filing Electronic submission of all documentation, all courts	Jan-2012

THE END...QUESTIONS?

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