



Customer Solution | Antarctica New Zealand



ANTARCTICA NEW ZEALAND ENDLESS REPLICATION OVER BIG BLUE WATERS



Antarctica New Zealand is the Crown Entity responsible for developing, managing and executing New Zealand Government activities in Antarctica and the Southern Ocean. Their key activities include supporting scientific research, conserving the intrinsic values of Antarctica and the Southern Ocean, as well as raising public awareness of the international significance of the continent. As a crown entity, executing government activities, it is vital that there be a secure continuity of communication and information replication between their offices. **Synergy** provides just such a replication solution.

THE NEED

Antarctica New Zealand uses Microsoft SharePoint™ as a primary information and collaboration platform for interaction between **Antarctica New Zealand's** Christchurch head office and Scott Base. The key challenge they faced in developing an effective collaboration solution was how best to share information securely between offices with firewalls over a low bandwidth (64/256k), high latency (300ms) satellite data-link.

THE SOLUTION

Synergy Replicator provided just such a collaborative solution; ensuring secure replication between offices is available, even with the presence of a firewall. “**Synergy's Replicator** was chosen as a key technology to achieve our goals,” said Greg Jack, Information Services Team Leader, **Antarctica New Zealand**. “**Replicator's** ability to allow administrators to select which sites, lists, and document libraries to synchronize or replicate was a primary factor in the decision.”

VITAL STATISTICS

Products:

Synergy Replicator for SharePoint – BASIC+ Edition – 2 license for 2 locations; Planning to implement a 3rd license for the Extranet Purchased in 2009

Customer:

Antarctica New Zealand

Industry:

Antarctic Research

Website:

www.antarcticanz.govt.nz/

Application:

Globally distributed SharePoint environments

Benefits:

- Real-time replication
- Local access to documents & faster response rate
- Remote Differential Compression
- In-process Workflow replication



Customer Solution | Antarctica New Zealand



THE BENEFITS

With the numerous configuration options provided via [Synergy Replicator](#), **Antarctica New Zealand** can ensure that only the documents they want shared with their various branch offices get replicated. **Antarctica New Zealand** can also utilize the built-in efficiencies of Replicator to optimize the flow of operations. These include replicating in-process Workflows and Remote Differential Compression (RDC).

Taking advantage of [Synergy Replicator's](#) ability to replicate a document's workflow state and status allows the team to share the continuing research being conducted, where and when it is needed. As a result, a project that is still in progress will still be replicated as changes are made to it, keeping all data up-to-date. With RDC, only the changes made to documents are replicated, versus the entire document. This in turn ensures that all operations are working at an efficient rate, even under low bandwidth and high latency constraints, one of Antarctica New Zealand's biggest concerns.



SUMMARY

With the [Synergy Replicator](#) solution Antarctica New Zealand is able to ensure that their information is securely replicated, their data is up-to-date, and that the continuity of operations is maintained. Furthermore, they are able to customize what is replicated, further ensuring that secure data remains secure and required data is replicated.

ABOUT

ANTARCTICA NEW ZEALAND

Antarctica New Zealand is the Crown Entity responsible for developing, managing and executing New Zealand Government activities in Antarctica and the Southern Ocean, in particular the Ross Dependency. Antarctica New Zealand manages Scott Base, New Zealand's Antarctic research station. It maintains New Zealand's operational presence in the Ross Dependency for the benefit of present and future generations of New Zealanders. Key activities include supporting scientific research, conserving the intrinsic values of Antarctica and the Southern Ocean and raising public awareness (in part through arts, media and youth programmes) of the international significance of the continent.

Synergy, Inc. has offices located in La Jolla, CA, USA | Vaughan, ON, Canada | West Sussex, England

For inquiries: Phone: +1-858-964-3243 • Fax: +1-858-729-0433 • Email: info@synergy.com • www.synergy.com