

EQUINIX CUSTOMER SUCCESS STORY

WILDLIFE CONSERVATION SOCIETY



EQUINIX PROFESSIONAL SERVICES FOR CLOUD (EPS CLOUD)

A global conservation organization turns to EPS Cloud to build a robust and highly-scalable cloud-based server environment.



“The EPS Cloud team’s organization, adaptability, and willingness to customize and troubleshoot off-the-shelf tools for use in our specific situation helped us launch on time and with an appropriate, scalable production environment.”

Kim Fisher, Spatial Analyst & Developer, Wildlife Conservation Society

Customer Profile

Founded in 1895, the Wildlife Conservation Society (WCS) is a nonprofit organization managing approximately 500 conservation projects in more than 60 countries. In addition, it oversees more than 3.6 million square miles of protected lands globally.

Overview/Executive Summary

The WCS was preparing to launch a new public website for their revolutionary sustainability project called Mannahatta 2409, a vision-making effort to find and publish sustainable and resilient visions for the New York City’s Manhattan of the future. While a lot of buzz around the project was being generated, the organization was concerned their site’s architecture wouldn’t be scale sufficiently to meet the anticipated user demand. The nonprofit turned to EPS Cloud for a solution.

Headquarters

New York City, NY
www.WCS.org

Business Challenge

As a nonprofit conservation organization, the WCS had limited resources to devote to complex technical infrastructure. The organization’s existing technology base did not translate to the Mannahatta 2409 project – all-new sets of data, models and calculations were required. And, in addition to fixing bugs and finishing functionality, they would need to configure a robust and highly scalable, cloud-based server environment for their production application.



Solution

EPS Cloud helped WCS to evaluate the pros and cons of the available approaches and highlighted the benefits of a relational database service, as opposed to simply creating an all-in-one server machine instance. A team from EPS Cloud installed sophisticated server monitoring and load testing software, with the results packaged into actionable metrics. Based on the metrics, EPS Cloud tested a selection of configurations against the expected load scenarios, made recommendations, and helped design and optimize their Amazon Web Services (AWS) production environment to meet WCS's scaling and cost requirements.

Thanks to EPS Cloud, WCS was able to launch their website on time, with an appropriate, scalable production environment.

Expected Business Benefits and Results

WCS now has the tooling in place to monitor site performance in near-real-time, enabling them to adjust the virtual machine instance sizes to match user demand.

Using the AWS platform and per-minute billing, WCS pays only for the resources they consume. Plus, they eliminated the need to buy, install, configure and maintain an expensive on-premises infrastructure where resources would sit idle much of the time and/or capacity would limit future growth.

Technology Used

- Amazon Web Services (AWS)
- New Relic
- BlazeMeter

About Equinix Professional Services for Cloud

Equinix Professional Services for Cloud (EPS Cloud) helps enterprises quickly and easily design, implement and optimize IT services to meet ever-changing cloud needs. All services and recommendations are carrier, service provider and technology neutral, ensuring every solution best meets each enterprise's unique business demands.

Learn more at
[Equinix.com/epscloud](https://www.equinix.com/epscloud)

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