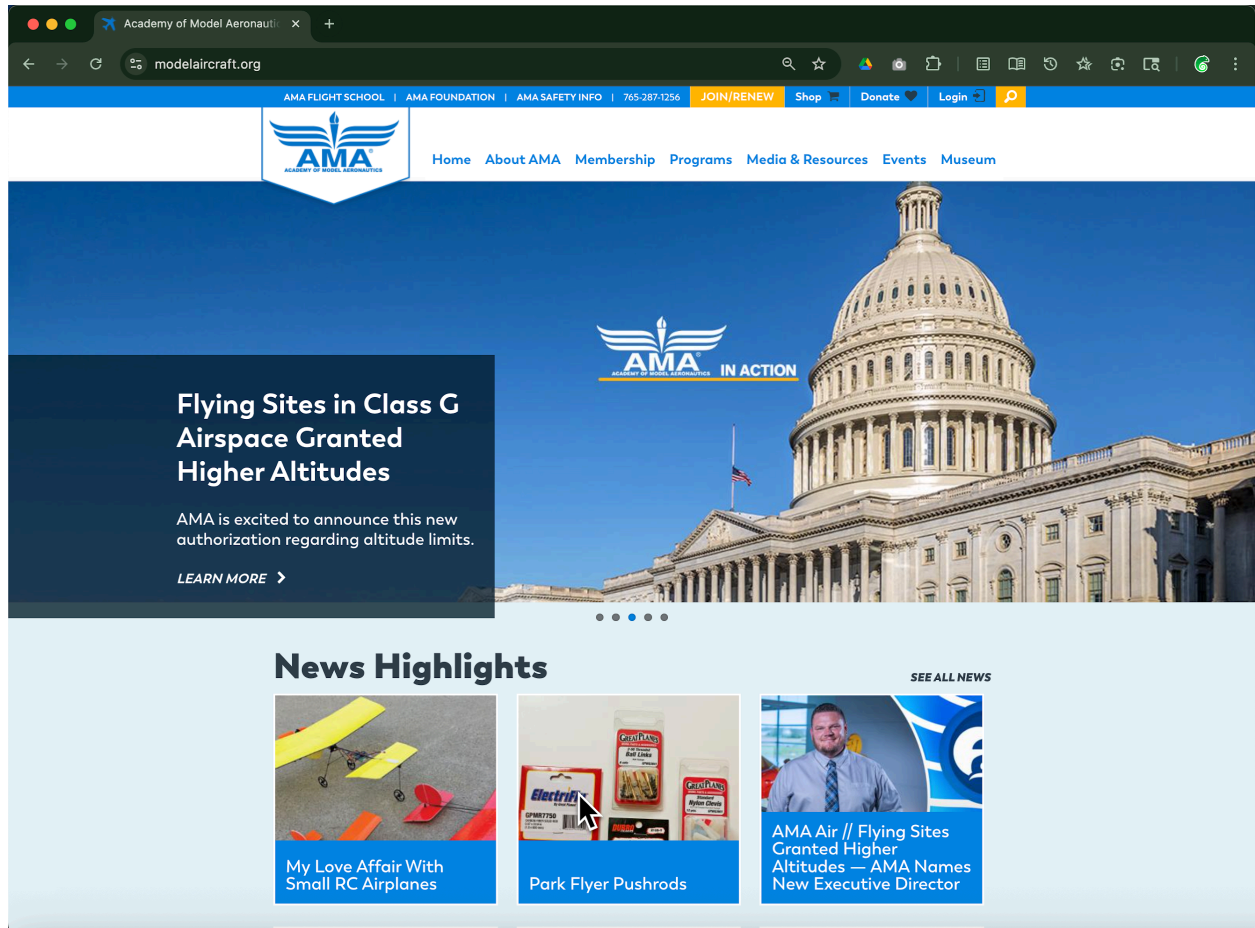


Case Study: AMA Uses DevPanel as “Training Wheels” for AWS Migration



Client: Academy of Model Aeronautics (AMA)
Industry: Non-Profit / Aviation Education
Websites Migrated: 30+
CMS Platforms: Drupal, Backdrop, WordPress
Cloud Platform: Amazon Web Services (AWS)
DevOps Partner: DevPanel

Overview

The Academy of Model Aeronautics (AMA), a non-profit serving model aircraft enthusiasts and the broader aeronautics education community, manages a network of over 30 websites to support its members, clubs, educational programs, and events.

Previously dependent on traditional managed hosting services, AMA faced increasing challenges in scalability, efficiency, and autonomy. The organization's small web team struggled to manage its growing digital footprint—often relying on third-party hosting vendors to perform simple tasks like spinning up development or staging environments.

That changed when AMA discovered DevPanel.

Challenge

Before DevPanel:

- **Inefficient Website Management:** Managing 30+ sites across multiple CMS platforms required coordination among multiple team members and external vendors.
 - **Lack of Cloud Expertise:** AMA wanted to migrate to AWS for better performance and cost control but lacked in-house AWS expertise.
 - **Delayed Development Workflows:** AMA's developers had to wait on hosting providers to create dev or test sites—delaying updates, testing, and launches.
 - **Operational Overhead:** Security updates, SSL setup, and infrastructure configuration required external help or extensive manual effort.
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Solution

AMA partnered with **DevPanel**, a cloud development and hosting dashboard designed to make AWS accessible to teams without requiring them to be AWS experts.

DevPanel enabled AMA to:

- **Migrate 30+ Sites to AWS Seamlessly:** Without needing to understand EKS, RDS, S3, networking, or load balancing.
 - **Manage Everything with a Single Person:** What previously required a full team can now be handled by one person on AMA's web team.
 - **Automate Site Lifecycle Management:** Developers can independently create dev, test, and staging environments on-demand.
 - **Centralize Site Management:** Regardless of whether sites are built in Drupal, WordPress, or Backdrop.
 - **Outsource Security and Ops:** Security hardening, SSL setup, updates, and even CI/CD workflows are automated through DevPanel.
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Results

Metric	Before DevPanel	After DevPanel
Sites Managed	~30	30+
People Required	Multiple team members	Just one
CMS Types Supported	Drupal, WordPress, Backdrop	Same, now unified under one dashboard
AWS Knowledge Needed	Extensive	None
Dev/Test/Stage Environment Setup	Manual via vendor	Self-service, fully automated
Security Configuration	Manual or outsourced	Fully automated
Infrastructure Cost	Higher	Lower (via AWS resource optimization)

Client Quote

“DevPanel is like training wheels for AWS. It lets us take full advantage of the cloud without the complexity. One person on our team now manages over 30 websites without needing to know AWS at all.”

— AMA Web Team

Conclusion

With DevPanel, AMA didn't just migrate to AWS—they **transformed** how they manage websites. They gained independence from hosting vendors, improved security and automation, and streamlined operations—all while reducing costs and resource requirements.

AMA's success proves that even small teams can manage enterprise-grade cloud environments—without needing to become cloud experts.

See for yourself how DevPanel works. Contact us

through the website (<https://www.devpanel.com/>) or email: contact@devpanel.com.