

FATMAP: INCREASING SPEED OF APPLICATION DEPLOYMENT WITH ANSIBLE



“Ansible helps us out significantly by allowing us to build out the entire pipeline of data that we get about the terrain that we’re mapping, straight through to processing of that data so that someone can see it on the application itself.”

BRANDEL FAULLS
HEAD OF ENGINEERING,
FATMAP

READY TO AUTOMATE?

info@ansible.com
+1 919.667.9958
ansible.com

CUSTOMER	Fatmap
INDUSTRY	Technology
INTEGRATION	Infrastructure: Windows, Linux, OS X
USE CASE	Application Deployment
BUSINESS ISSUE	Time savings
BUSINESS CHALLENGE	<p>Fatmap’s application development process was a complex one. Because they used 3D gaming technology in order to serve map content, the application build process involved a lengthy meta programming pipeline and processing phase.</p> <p>Fatmap required a solution that would speed and automate this time-consuming process. Additionally their network environment was a heterogeneous one, utilizing a mixture of Windows, OS X and Linux platforms, they needed a solution that would integrate seamlessly with existing machines.</p>
SOLUTION	<p>Ansible’s simple automation framework gives teams the power to deploy multi-tier applications quickly and reliably. Ansible models IT infrastructures by describing how all systems inter-relate, rather than just managing one system at a time. Using simple language in the form of Ansible Playbooks, it allows users to describe their automation jobs in plain English which ensures easy adoption and use. Using Ansible, FATMAP has also increased the efficiency of the team by amalgamating its deployment best practices in one toolbox. And because Ansible’s agentless design integrates easily with a variety of networks, infrastructures and operating systems (OS), it was easily introduced into FATMAP’s hybrid OS environment.</p>
RESULTS	<p>Using Ansible to automate application deployment, FATMAP has reduced complexity, realized significant time-savings and achieved unparalleled scalability.</p> <p>Ansible solution benefits:</p> <ul style="list-style-type: none"> • Faster time to deployment for data-rich applications • A predictable and simplified deployment process, creating deterministic outcomes and a better utilization of team resources • Improved integration of disparate machines and seamless automation of critical tasks across services and applications
ABOUT THE CUSTOMER	<p>Based in London, England, FATMAP develops the world’s most detailed mobile 3D ski maps. Using high-quality satellite imagery to build 2M digital elevation models (DEMs) of mountainous areas and layer that with terrain, sport and resort information, its iOS and Android apps, provide the most detailed 3D ski and adventure maps ever made.</p> <p>Learn more at www.fatmap.com</p>

ABOUT ANSIBLE

Ansible, an open source community project sponsored by Red Hat, is the simplest way to automate IT. Ansible by Red Hat provides enterprise-ready solutions to automate your entire application lifecycle – from servers to clouds to containers and everything in between. Ansible Tower by Red Hat is a commercial offering that helps teams manage complex multi-tier deployments by adding control, knowledge, and delegation to Ansible-powered environments.