Case Study : DevOps

Client	Industry	Customer Environment	
University of Greenwich	*Education*	*Linux*	UNIVERSITY of GREENWICH

Challenges

- *On-premise configurations were managed manually*
- *Environments were inconsistent, creating inefficiency within IT teams*
- *Needed a unified configuration management solution that all areas of IT could easily use*
- *Lack of version control slowing deployment lead time*

Results

- *Deploy infrastructure more quickly and consistently, which allows the team to focus on service improvement objectives*
- *Automate systems management, which makes IT ops teams faster & more efficient.*
- *Increase overall productivity across IT teams by providing an intuitive, easy-to-use configuration management solution*
- *Introduce version control system, which enhances collaboration and code-change tracking*

University of Greenwich is a public university located in London, in the United Kingdom. By utilizing **Puppet Enterprise**, it was able to implement stronger DevOps practices, decrease the time it took to spin up new IT resources, and provide intuitive configuration management at scale for its teams.

University of Greenwich's IT department was being slowed down by processes like manually building servers and manually maintaining them. The department needed to increase the speed and quality of application delivery in a reliable way; new applications and services as well as existing ones. They wanted this without adding additional costs for resources to manage all the environments.

Puppet Enterprise was selected as the tool to fulfill University of Greenwich's needs; to act as a unified infrastructure and application delivery automation tool. No longer is the IT department forced to give its full attention to manual tasks like building, configuring, testing, maintaining or decommissioning environments. Now the University can focus on tasks with higher business value.

WM Promus: a partner for embracing DevOps practices

University of Greenwich decided to work hand in hand with WM Promus, a London-based software services company who deliver DevOps, RPA and ITSM consulting and implementations. WM Promus worked with University of Greenwich to build a Puppet Enterprise architecture of Puppet Servers integrated with all the necessary tools. WM Promus set up processes including continuous integration and continuous delivery, all that while IT employees got their hands on Puppet Enterprise and Puppet DSL.

As a result of this collaboration, WM Promus helped University of Greenwich strengthen automation within its IT practices and decreased the time to create an environment to under one day.