# Devops

#### **Infrastructure Automation**

DevOps is a suite of technologies that lets an organization align its development and operations teams in order to improve code quality, integrate continuously, and deliver faster.

"Continuous effort — not strength or intelligence — is the key to unlocking our potential."

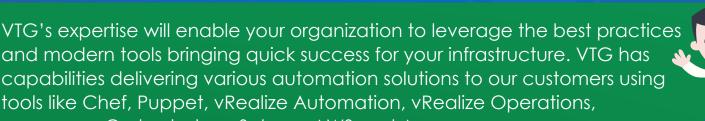
- Sir Winston Churchill, former Prime Minister of the United Kingdom

### Why automation ?

- Infrastructure Provisioning that is partly physical/virtualised/cloud based.
  - Continuous Integration and Faster Delivery

- Parallel deployment across multiple technologies.
  - Complete Control of your environment
    - Meeting complex compliance requirement
      - End-User Computing deployment (Desktop, Thin-Client & VDI)
        - Increasing need to manage & monitor cloud operations.
          - Reduce IT costs
            - Deliver faster and getting ahead of competition

#### **VTG capabilities on Automation**



Orchestrator, vSphere, AWS and Azure.

#### **Automated Deployment**

## 

If a user needs an Windows IIS server the following process will be carried out under Automated deployment,

- The user will be given access to the secure self service portal where he can login and make a request
- The request will be processed automatically which will provision the required IIS Server and also automatically sends the server information to the requested user via Email.
- The average time that it takes to complete this process is around 15 20 minutes.

