City of Pittsburgh Moves to Google Cloud

Cloudbakers cloud experts facilitated the City of Pittsburgh's VM migration from on-premise hardware to Google Cloud; leveraging Google Cloud VMware Engine as a fully managed service.

The challenge

The City of Pittsburgh's IT infrastructure had many constraints due to the capacity and age of the existing hardware. CoP had limited resources, not being able to scale and meet the demands of their employees and technical requirements. The IT staff did not have cloud experience to quickly deploy and migrate.

The solution

Cloudbakers established a foundational environment using Terraform to provision infrastructure as software. We enable ISP connectivity from Co-Lo facilities to Google Cloud providing high bandwidth needs for live migrations. We also provided, Stratozone inventory & HCX VM migrations tool deployment, VMware-based infrastructure migration, IP based traffic extension between on-premise and GCP.

The results

Cloudbakers delivered Techincal Infrastructure Workshops for GCP Foundations, created a GCP Landing Zone, deployed Infrastructure as a Code pipeline via Terraform, migrated over 100 VMware VMs, re-mapped the IP addresses of migrated VMs, reduced infrastructure costs and increased on-demand compute and storage capabilities.

> **"** "Google Cloud removed the challenges we had identified early and laid a path with very few obstacles we would have to overcome." **"**
>
> Phil Savino, Assistant Director Technology Operations, City of Pittsburgh, Innovation & Performance

The Great Seal of the City of Pittsburgh

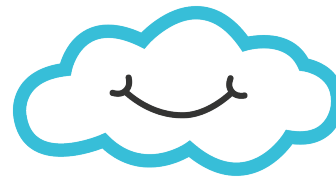The Civic Flag or Standard of the City of Pittsburgh

About City of Pittsburgh

The Department of Innovation & Performance supports software applications and hardware devices used by departments and employees, including enterprise applications, data engineering, computing, mobile devices, as well as Internet of Things (IoT) devices.
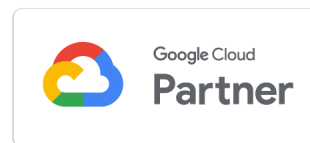
Industry: Government

Primary project location: United States

About Cloudbakers Holdings LLC

We bring the cloud down to Earth. The future of your business hinges on adopting and adapting to changing technology – that's what we're here to help

Google Cloud **Partner**

Products

Google Cloud Platform

Google Cloud Training