

# Virtualization Optimization Service



**PARAGON**  
MICRO  
EXPERIENCE THAT KEEPS IT EASY.

Visualize, analyze, plan and optimize your virtual infrastructure. Get End-to-End visibility to help simplify the complexity of your virtualized data center infrastructure. Reduce & recoup costs while speeding up deployment & troubleshooting efforts.

## Virtualization Optimization Service Aims to:

- Achieve cost efficiency to improve virtual machine (VM) density and administrator to VM ratios.
- Reduce operational expenditures (OPEX) and optimize management of capital expenditures (CAPEX).
- Experience unmatched visibility into your heterogeneous virtual environment with granular monitoring across the IT stack.
- Improve VM performance and mitigate downtime risks resulting from change events using detailed performance impact analysis.
- Save time on routine IT administrative tasks with user controlled automation.
- Reduce risk and manage compliance with detailed change management and cost analysis.
- Expose bottlenecks and heavy bandwidth consumers with vSwitch support.
- Support business growth with a highly scalable solution that allows monitoring of thousands of VMs.

## Overview

Optimizing the health and efficiency of your entire virtual infrastructure is critical to application and end-user satisfaction. But managing virtual, physical and cloud environments can get complicated.

Our service provides holistic insights to help simplify the complexity of your data center infrastructure, reduce costs and speed deployment. Get full visibility into bottlenecks, network traffic and bandwidth so issues can be addressed before impacting your business. Dramatically reduce mean time to resolution, control costs and deliver maximum performance from your virtual infrastructure.

Easily monitor and assess current workload capacity, identify shortfalls, analyze alternative scenarios and plan for data center growth or additional virtualized workloads. Safely deploy additional VMs by identifying available slots, forecast exhaustion of resources in VMs and estimate purchasing requirements with the ability to model hardware changes.

## Features

After one full week of leveraging our toolset in your environment, we will provide a comprehensive data review (based on out of the box functionality) as well as recommend improvements in the following areas:

- **Right-Sizing** – Identify over and under provisioned VMs and improve VM density without impacting performance with expert advice on optimal CPU, Memory and Storage Requirements
- **Waste-Finding** – Discover powered-off VMs, Zombie VMs (those with no activity), abandoned VM images, unused templates and snapshots throughout your entire infrastructure.
- **Resource Reclamation** – Implement optimization advice and return wasted resources back to your resource pool immediately to save thousands in license fees, disk space, administrator time and server utilization.