# Company Highlights

- The organization currently maintains 2,000 Microsoft Windows desktop computers for the workforce. As you recall, these desktop computers were about to be refreshed. The organization is currently considering the Dell Optiplex series. Specifically, each computer would have a Intel Core i5 processor, run Microsoft Windows 10, contain 8GB DDR4 RAM, and have a 256GB solid state drive. The rough estimate for each PC is $1,250, which equates to a $2,500,000 upgrade cost to the organization.

- Microsoft Office runs on each of these computers. The license fee for each computer is $150, which equates to a $300,000 outlay. The organization typically upgrades all PCs with the latest version of Microsoft Office when it is released.

- The organization used multiples instances of Oracle Database. These databases are distributed across 10 Dell PowerEdge servers. These servers cost a minimum of $2,159 each, for a total cost of $21,580.

- The organization maintains an additional 20 Dell PowerEdge servers for a variety of reasons to include email, file backup, remote access, etc. The total cost to refresh each of these servers is $3,000 for a total cost of $60,000.

- The organization maintains various networking devices. The total cost of this equipment is $3,000,000 and yearly refresh costs are $750,000.

- The organization maintains a suite of network security hardware and software solutions. They include a DMZ configuration, multiple firewalls, VPN hardware, antivirus solutions, intrusion detection and protection devices, and log management solutions. The total yearly hardware and software costs for the organization cybersecurity efforts are $2,000,000.

- The organization also allows users to access the network via their company-issued Android phones, or iPads. Employees receive a mobile device with VPN software installed so that they may remotely access company systems when they are at home, or traveling.

- Because this is a notional example and assignment, you may make further assumptions about the organization IT environment. There is no need to ask your instructor for permission. Simply make explicit your assumptions in the white paper. For example, you are free to assume the number of IT professionals, their specialties, and more importantly the cost to run the IT department.