

Cloud Computing in Microsoft Azure GIS

Board of Water Commissioners
October 14, 2021



Background

- GIS System creates, maintains, analyzes, and maps assets within our water, sewer, and reclaimed water systems.
- Current Configuration
 - On-Site Servers
 - Software incompatible with latest GIS applications
 - Data is not externally accessible

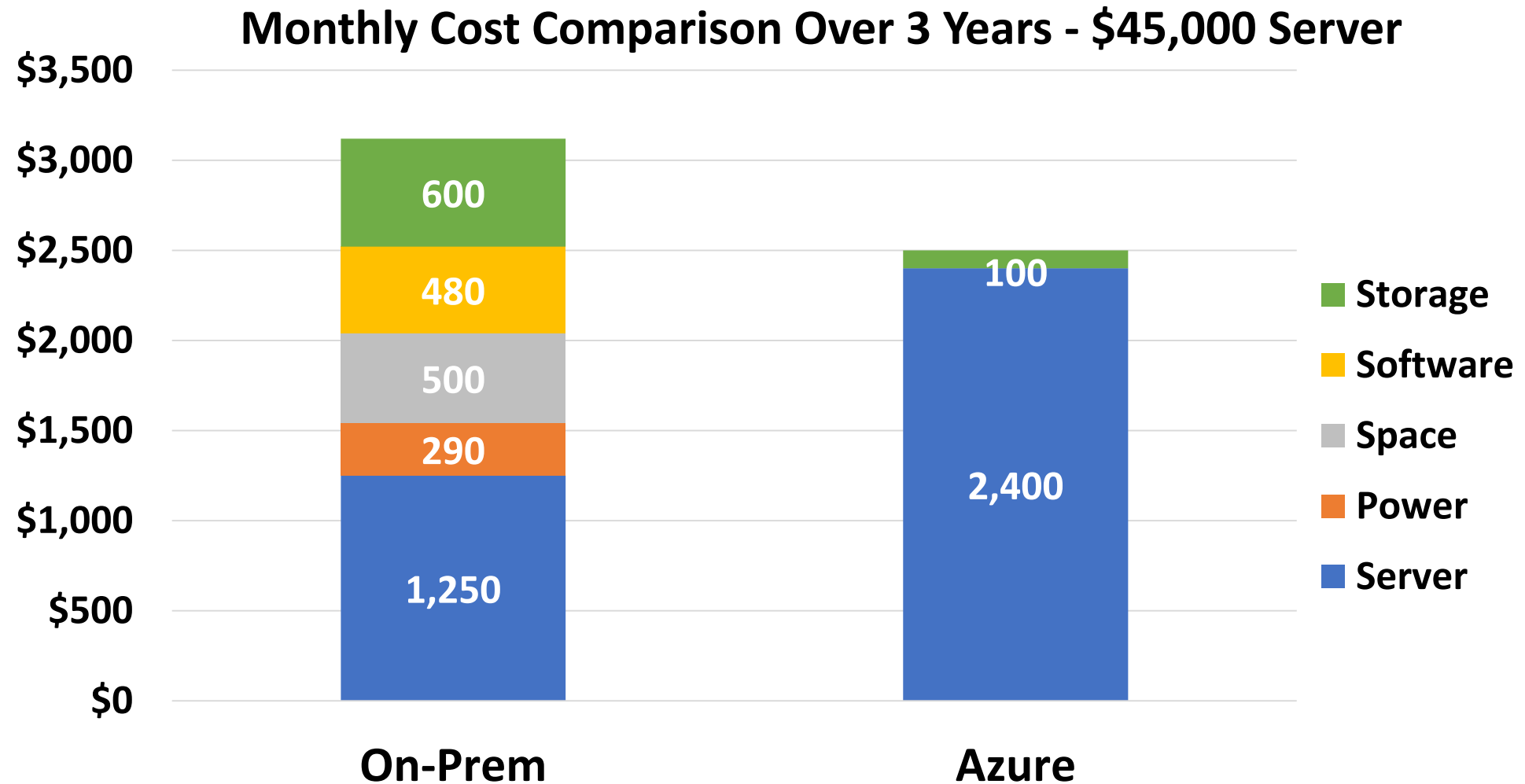


Purpose

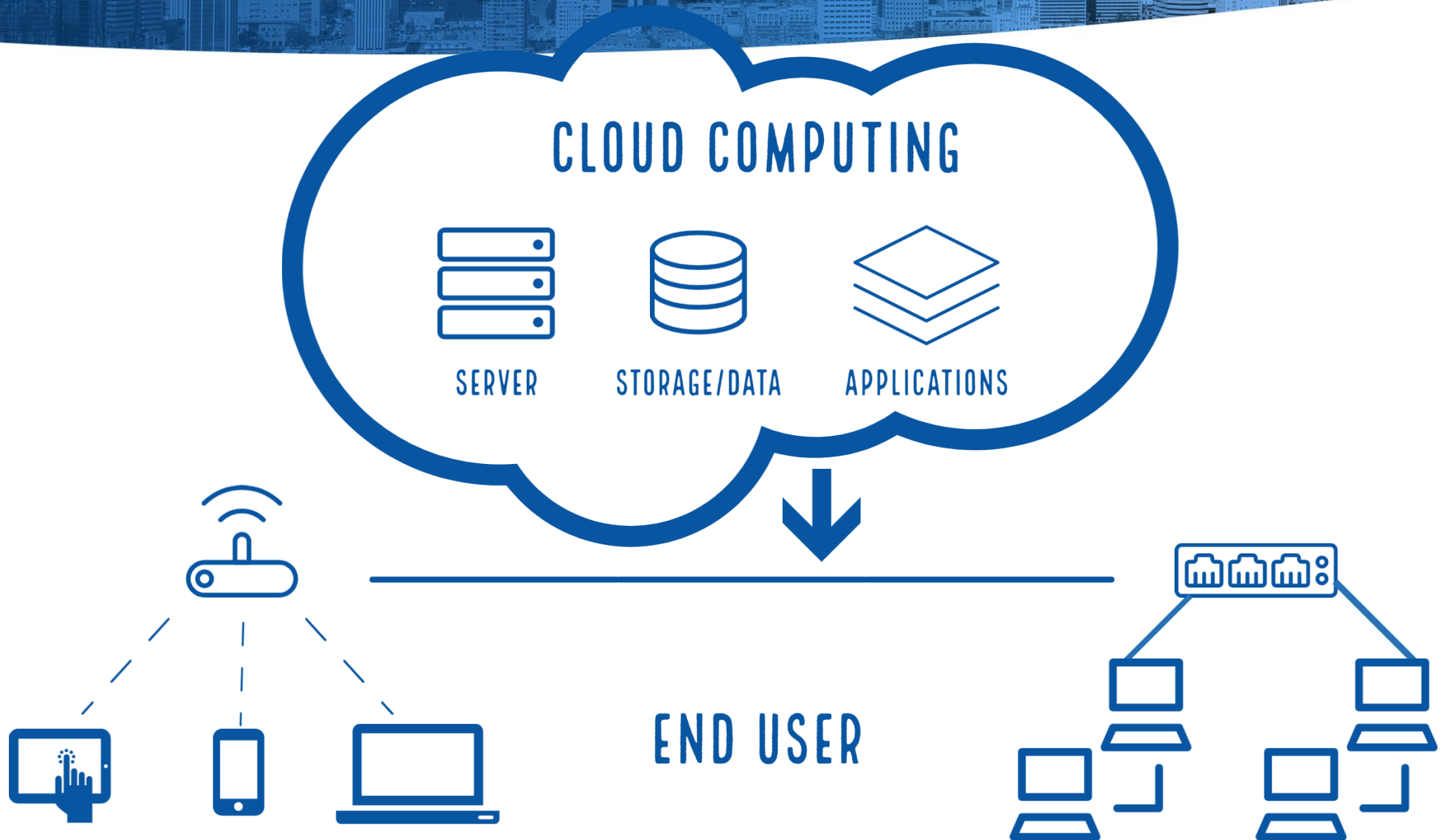
- Upgrade and Migrate LBWD's GIS servers
 - Utilize latest GIS functionality and technology
 - Eliminate procuring of physical servers
 - Access anywhere for any device
 - Updates and security manage by Microsoft
 - Utilize contracts and expertise of MIS



Cost Comparison



Cloud Computing



Scope of Work

- Collaborate with MIS
 - Licensing and agreements
 - Server configuration
- Migrate Data and test Azure GIS environment
- Move users to GIS in Azure
- Closeout Project



Microsoft Azure Benefits

- Reduce computing cost by 30%
- Decrease burden on IT and GIS staff
- Integrates with Windows environment
- Seamless integration with GIS applications





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