The Evolving On-premises Infrastructure

What’s driving on-premises infrastructure change?

- 46% to improve operational efficiency
- 44% to accommodate new/updated applications
- 44% to reduce operational costs
- 38% to increase performance

What challenges have organizations experienced when updating and/or restructuring their on-premises infrastructure?

- 86% procurement/implementation challenges
- 64% cost impact
- 49% complexity

Redefining Cost Savings:

- Key purchasing decisions (38% CapEx vs. 62% OpEx)
- 84% key purchasing decisions lead directly to higher OpEx

Compute Vendor Consistency Matters

- ESG research discovered that sticking with an existing compute vendor leads to:
  - 38% increase in likelihood of purchasing new compute components
  - 83% improve in likelihood of replacing 40% or more of the application infrastructure

Measuring Success of an Infrastructure Change

- Top three responses:
  - Higher employee productivity (57%)
  - Higher application performance (51%)
  - Higher revenue size (57%)

WHAT MATTERS MORE THAN COST WHEN IT COMES TO MEASURING SUCCESS? EVERYTHING.

The Bigger Truth

- ESG research shows that organizations that performed research to identify what matters to IT as IT evolves:
  - 57% believe the application infrastructure to be critical to their success
  - 55% believe it is critical to their business continuity/remote worker productivity

- Organizations that have improved performance:
  - 57% have seen an increase in revenue size
  - 57% have seen improved productivity
  - 57% have seen better reliability

- Organizations that have improved productivity:
  - 57% have seen an increase in performance
  - 57% have seen improved scalability
  - 57% have seen improved reliability

- Organizations that have improved scalability:
  - 57% have seen an increase in performance
  - 57% have seen improved reliability

- Organizations that have improved reliability:
  - 57% have seen an increase in performance
  - 57% have seen improved scalability

- Organizations that have saved money from an OpEx standpoint:
  - 83% have seen an increase in performance
  - 83% have seen improved scalability
  - 83% have seen improved reliability

- Organizations that have saved money from a CapEx standpoint:
  - 44% have seen an increase in performance
  - 44% have seen improved scalability
  - 44% have seen improved reliability

- Organizations that have saved money from an overall standpoint:
  - 50% have seen an increase in performance
  - 50% have seen improved scalability
  - 50% have seen improved reliability

- Top three CapEx/OpEx IT challenges:
  - 40% say they struggle with cost management
  - 38% say they struggle with performance management
  - 36% say they struggle with complexity management