

# Reduce Cost of Compute by Modernizing with Cisco X-Series

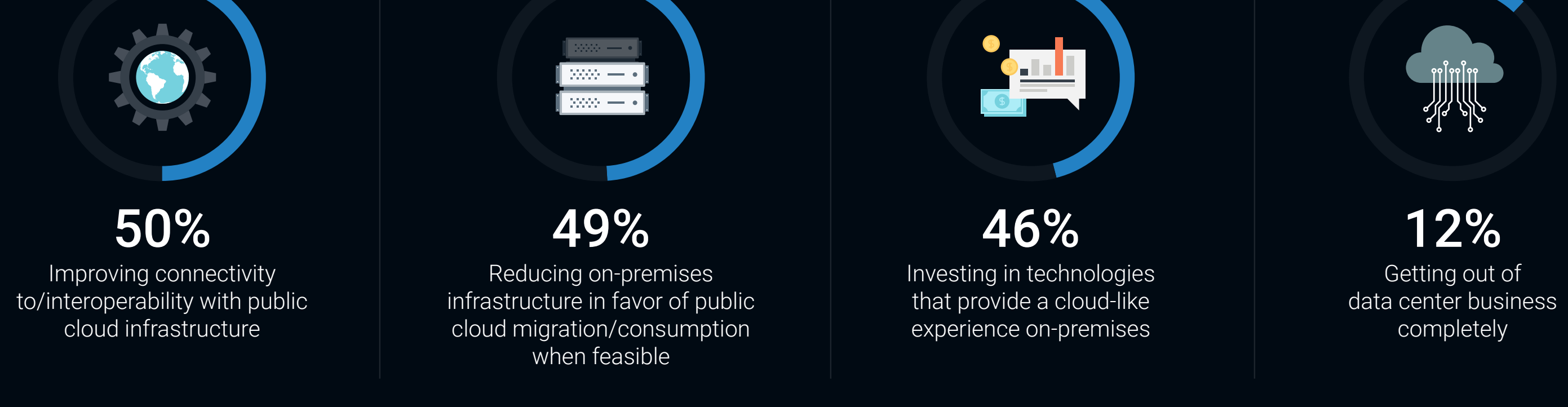
## POWERED BY INTERSIGHT

Enterprise Strategy Group's economic validation revealed that UCS X-Series and Intersight has enabled organizations to build a faster path to modernization, improve operational efficiency, and reduce risk to the business while lowering the expected total cost of ownership by up to 31% when compared with alternative server technologies.

### Hybrid Cloud Environments Demand Modern Infrastructure

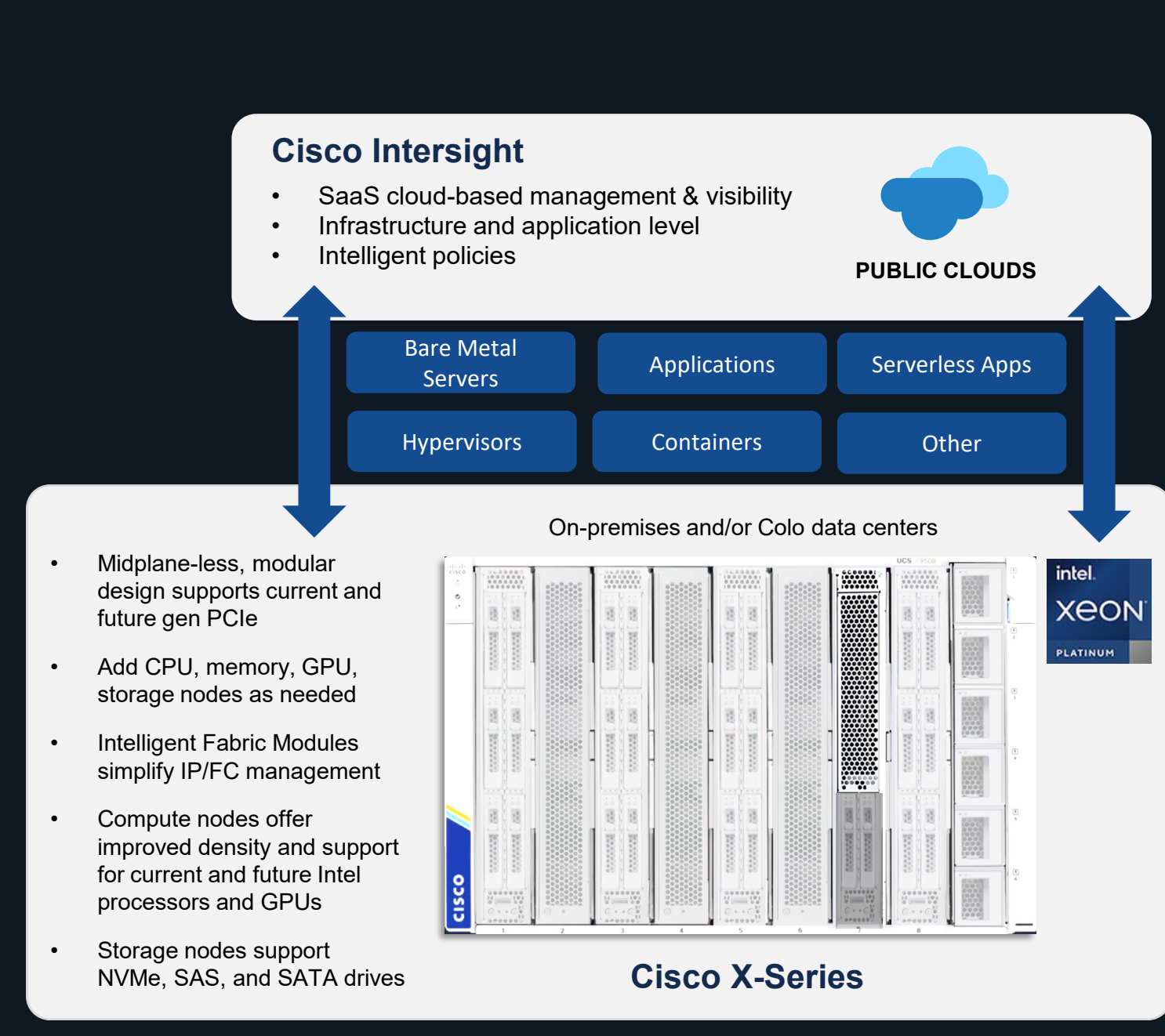
The continued adoption of public cloud infrastructure services has led organizations to implement modern, hybrid cloud strategies. This can make supporting IT environments more complex. Supporting modern workloads in today's hybrid cloud environments requires a more comprehensive approach than just installing more powerful hardware. Organizations are looking to create strategies to modernize their data centers.

#### TOP STRATEGIES FOR ON-PREMISES DATA CENTER ENVIRONMENTS



## Cisco UCS X-Series Powered by Intersight

The Cisco UCS X-Series, powered by Intersight, can support the hybrid cloud environments many organizations have in order to promote consistency at both the infrastructure and IT operations levels when supporting both traditional and modern workloads.



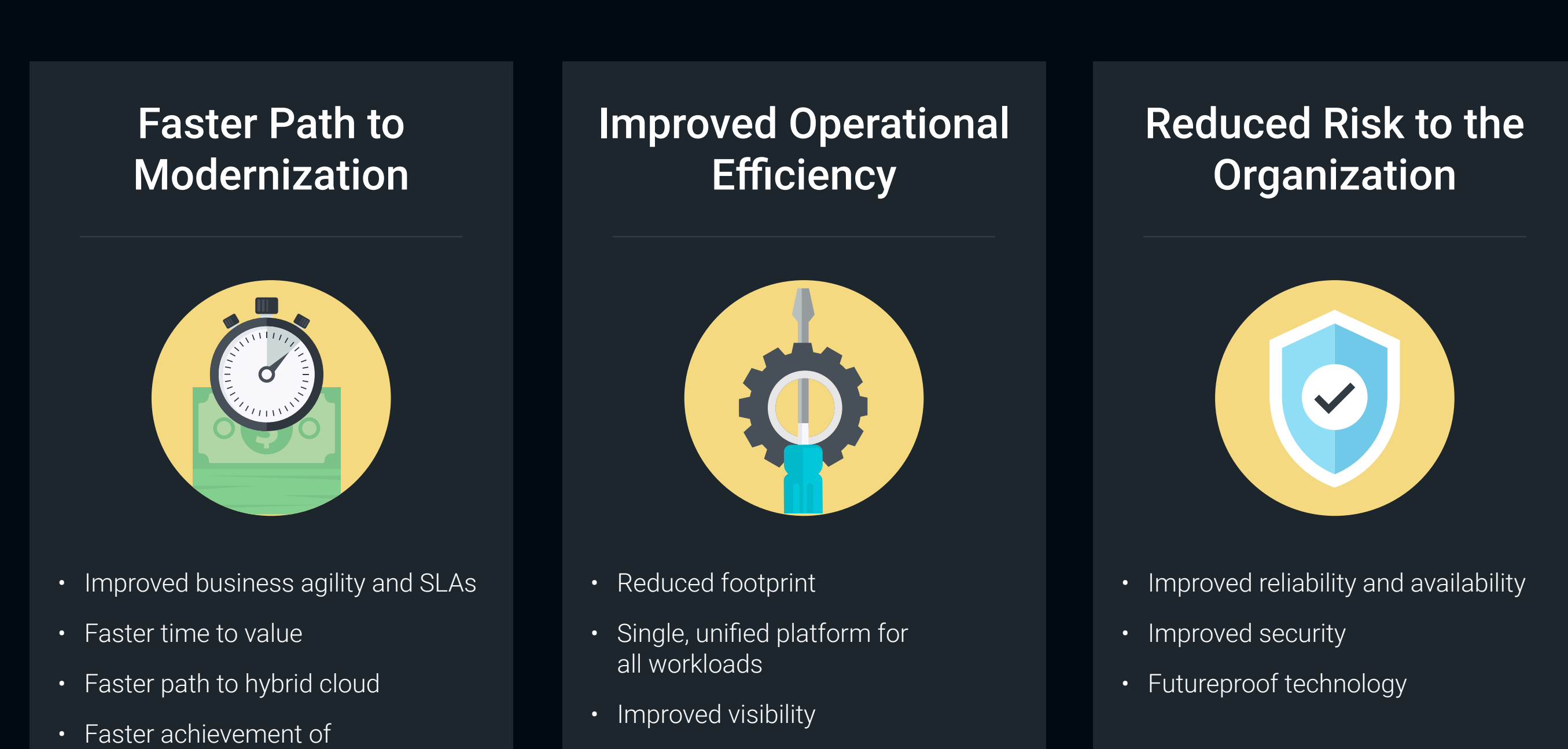
“ Standing up massive VMs takes four to five hours per node—at a minimum—with traditional blades. **With UCS X-Series, it takes 25 minutes. That’s a game changer for us.**”

- Director of Engineering, Global Training and Consulting Company

- Faster Path to Modernization**
- Improved Operational Efficiency**
- Reduced Risk to the Organization**

### Enterprise Strategy Group Economic Validation

Through interviews with customers, TechTarget's Enterprise Strategy Group validated that Cisco's combination of disaggregated infrastructure and management system has helped organizations shorten their path to modernization, improve operational efficiency, and reduce overall business risk.

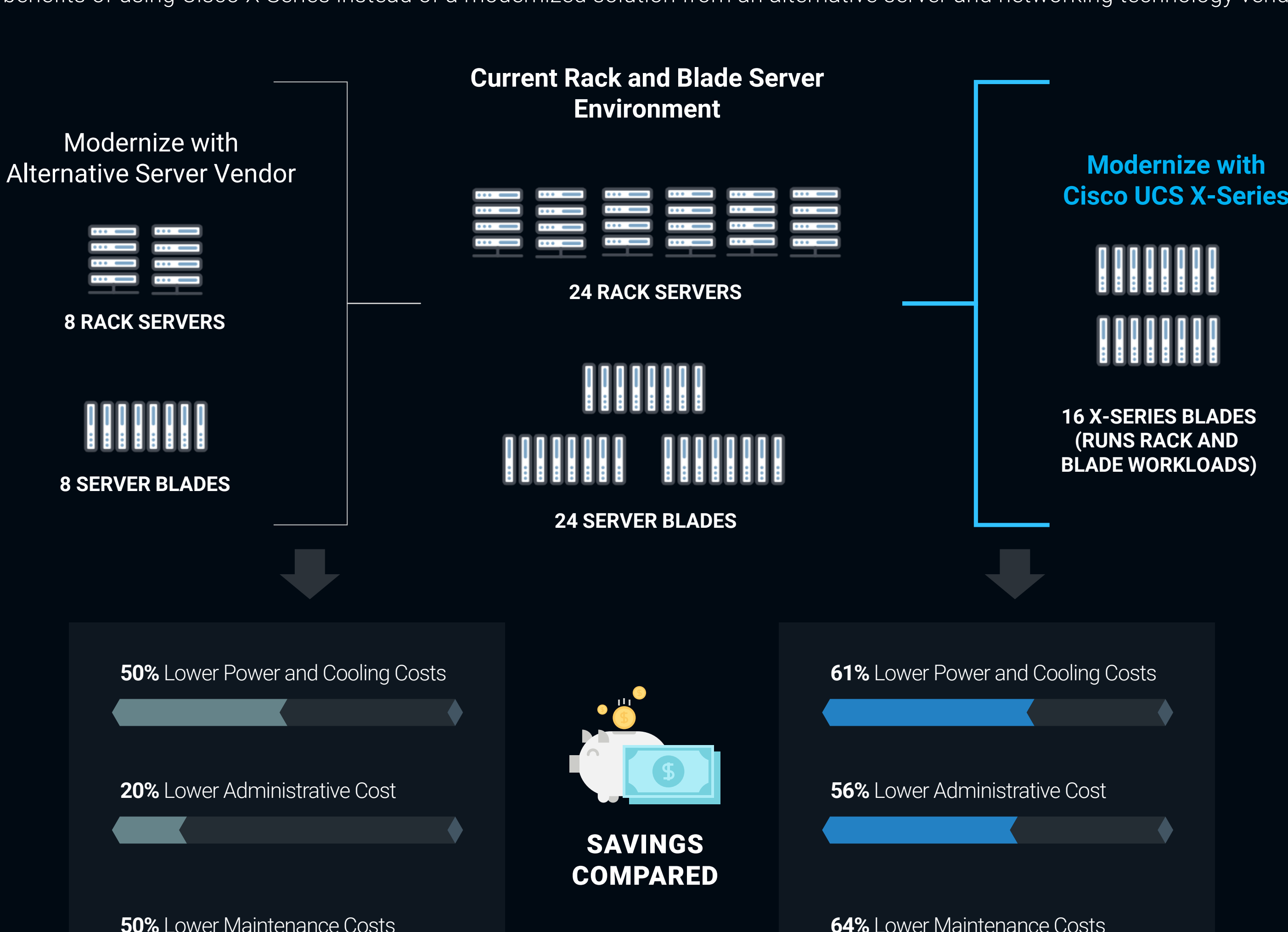


“ **Our IT environment is moving quicker than ever before.** Now there is a need to work with virtual reality and different stream rates. With Cisco X-Series, I can add GPU power to an existing blade, without having to deploy standalone rack servers.”

- Director of Engineering, Global Training and Consulting Company

### Modeled Analysis

Enterprise Strategy Group and Cisco worked together to create a three-year TCO/ROI model that compares the costs and benefits of using Cisco X-Series instead of a modernized solution from an alternative server and networking technology vendor.

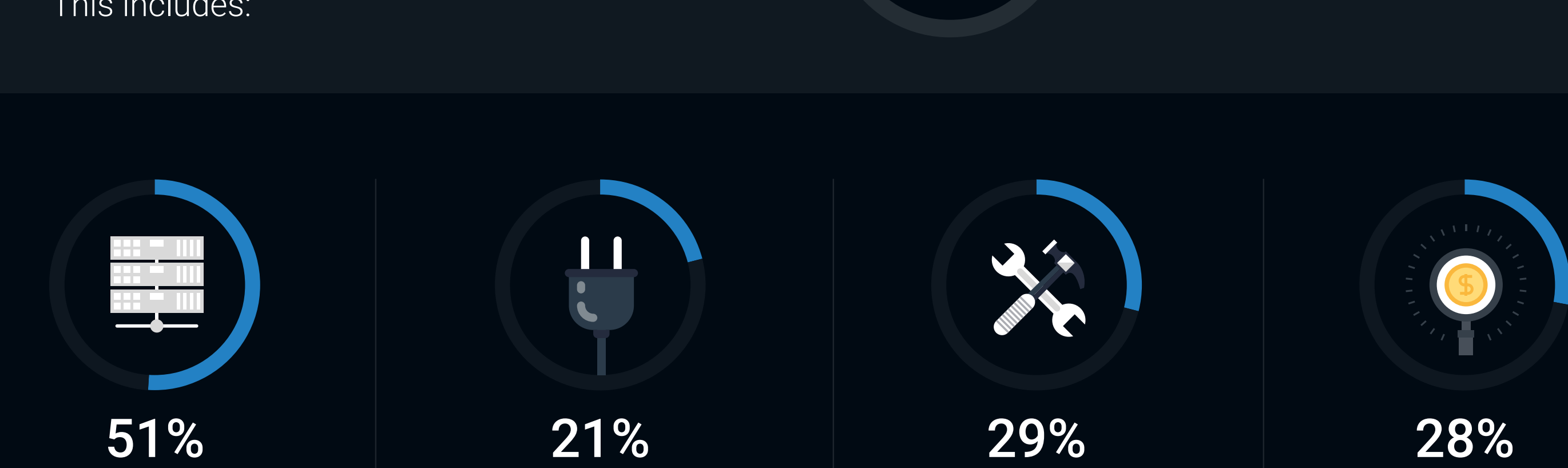
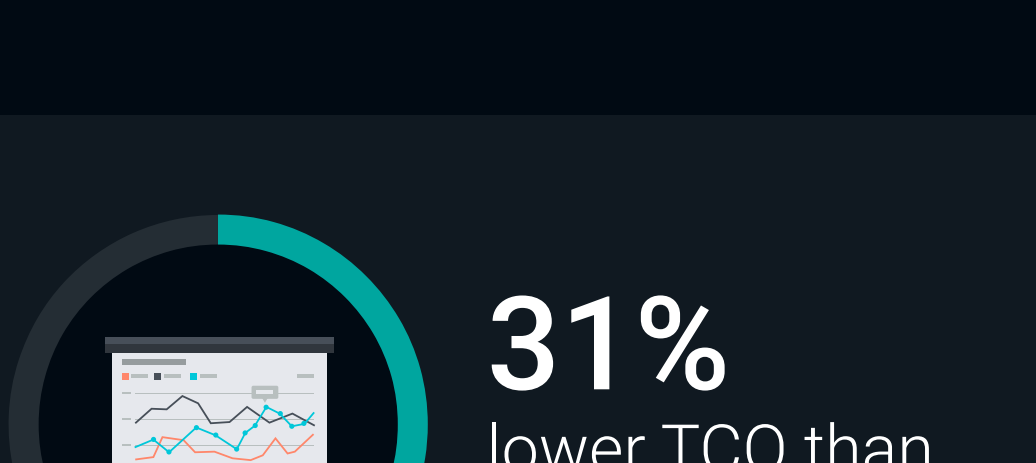


“ As we conduct 8-12 engagements per week, it is critical to increase our sustainability awareness. **With Cisco X-Series, we are actively working to reduce our power consumption and footprint.**”

- Director of Engineering, Global Training and Consulting Company

**Our models revealed that modernizing with Cisco UCS X-Series provides a 31% lower TCO than alternative vendors.**

This includes:



### Conclusion

Modernizing data centers to increase business agility requires a simplified, flexible, and scalable architecture coupled with a management interface that simplifies IT operational workflows through proactive monitoring, automation, and orchestration

Enterprise Strategy Group's analysis supports our view that modernizing a data center with Cisco X-Series, powered by Intersight, can help organizations achieve improved business agility with a lower overall three-year TCO. However, we urge you to further examine these Cisco products if you face the challenge of deploying and maintaining workloads with cloud-like agility, without sacrificing performance and availability.

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