INTERNETWORK ENGINEERING

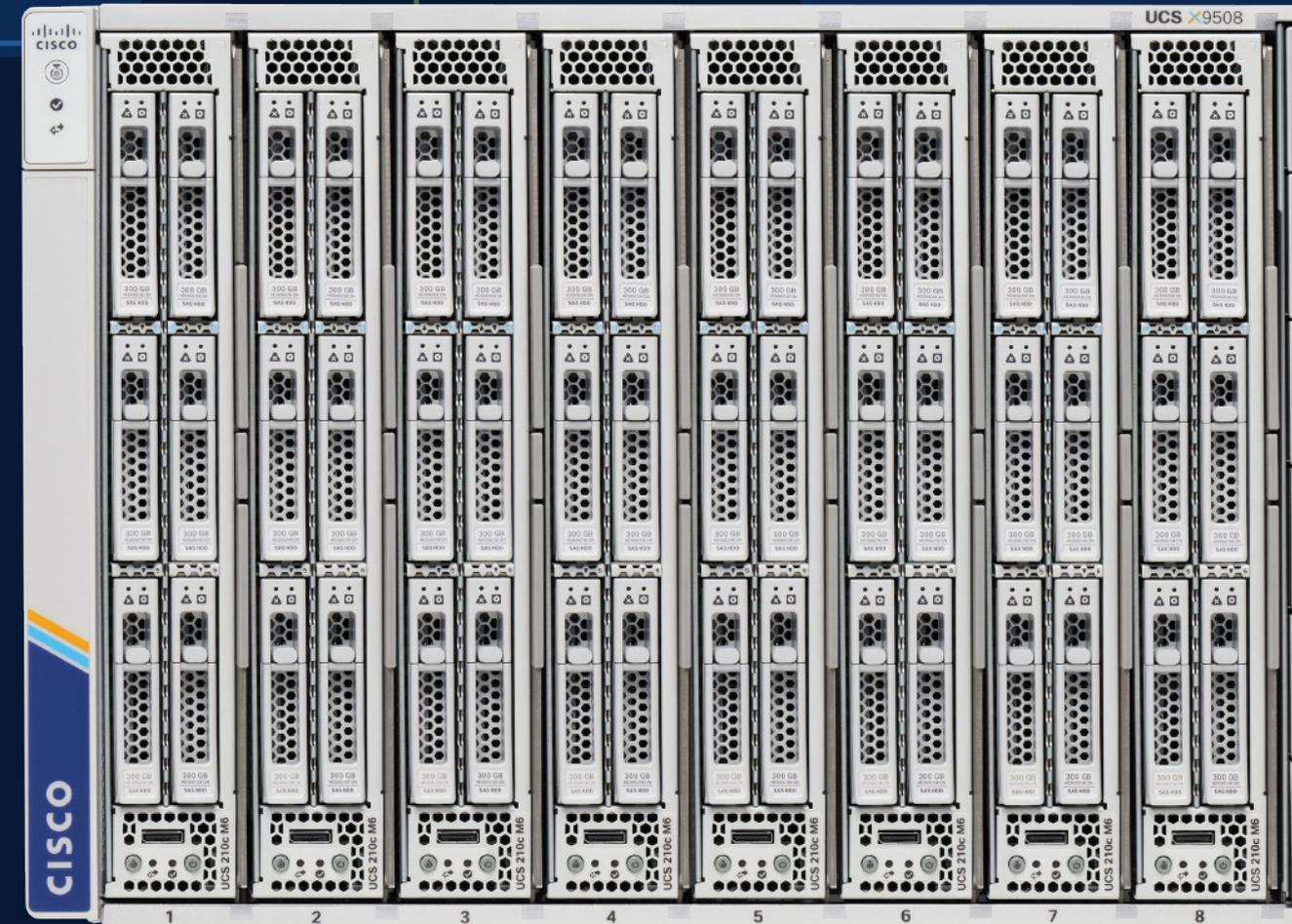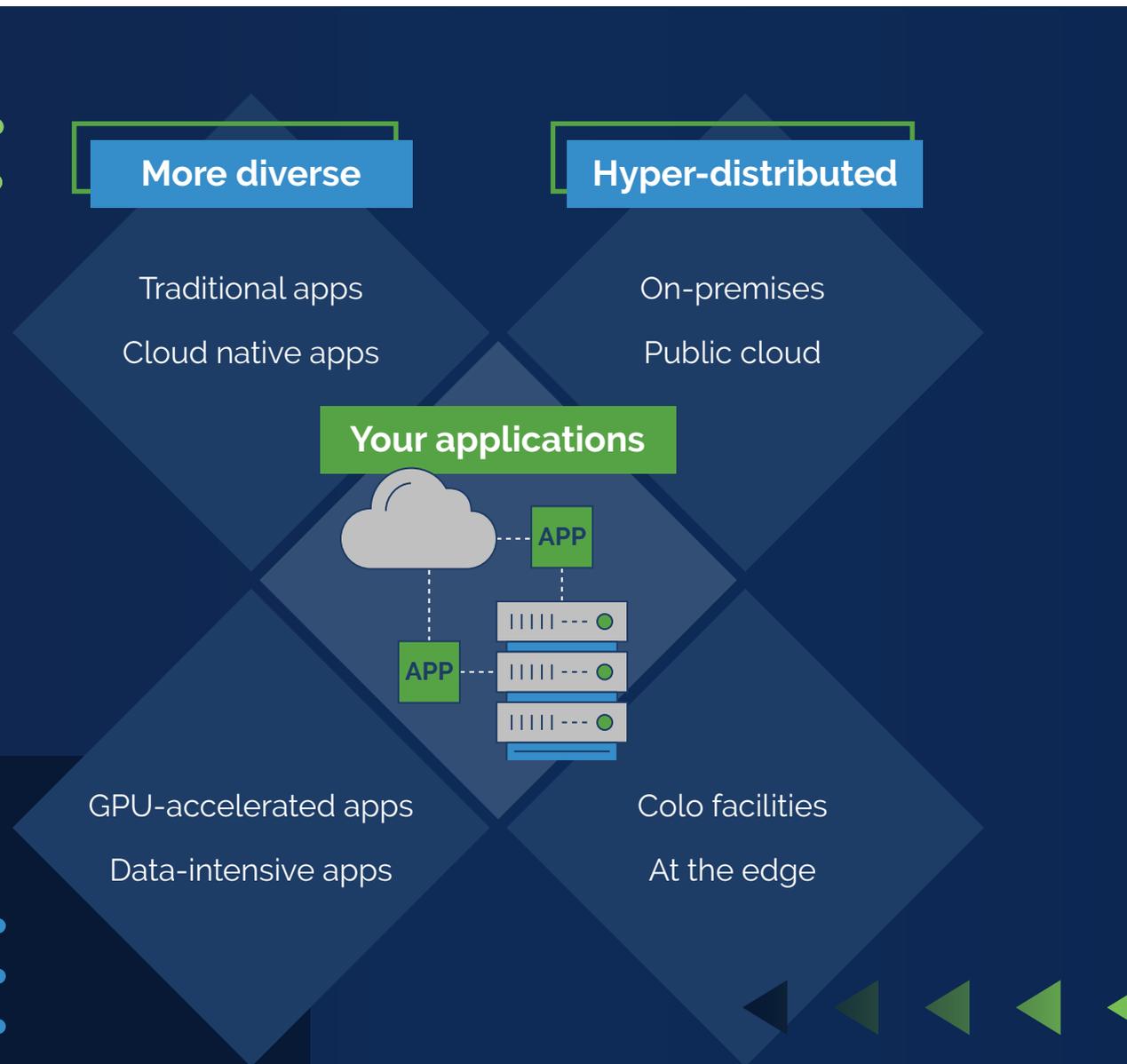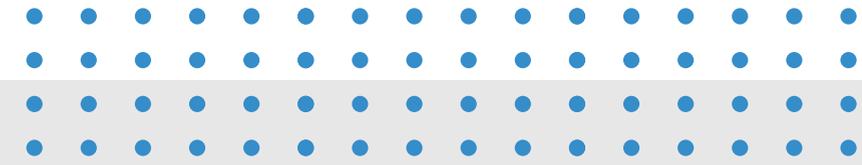**CISCO Partner**
Gold Certified

Unbox your future with Cisco UCS X-Series:

Modular, hybrid cloud infrastructure that's ready for today and tomorrow

It's a hybrid cloud world, can your infrastructure keep up?

Plenty of the change you've seen in technology over the past few years has been driven by the way applications are built, used, and managed. That's because the apps organizations like yours rely upon have not only become more diverse, they're also being run in locations that extend well beyond the traditional corporate data center and firewall.

More diverse

Traditional apps

Cloud native apps

Hyper-distributed

On-premises

Public cloud

Your applications

APP

APP

GPU-accelerated apps

Data-intensive apps

Colo facilities

At the edge

Today, it's no longer on-premises versus cloud – it's both. Many organizations are finding the dynamic nature of the hybrid environment that this shift calls for can place conflicting requirements on IT teams, as well as create a host of challenges that include:

Supporting a complex and changing mix of applications

Using different infrastructure for different applications

Managing infrastructure through multiple dashboards

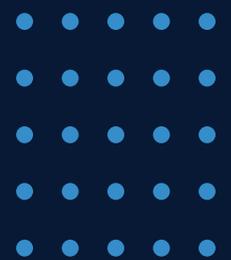*Bringing the agility of the cloud to on-premises infrastructure*

Reducing complexity within daily IT operations

Lowering operational costs while still staying efficient

If you're experiencing challenges like these across your distributed IT environment, you're going to love Cisco UCS X-Series Modular System powered by Intersight – the first x86 system designed exclusively for the age of hybrid cloud. It's a first-of-its-kind platform that is flexible enough to run almost any workload, modular in design to adapt to future technologies, and capable of providing a consistent operating model across your hybrid cloud environment.

In this eBook, you'll learn more about Cisco UCS X-Series, the outcomes it can create for your organization, and why there isn't a better company to help you architect, deploy, and support it than Internetwork Engineering.
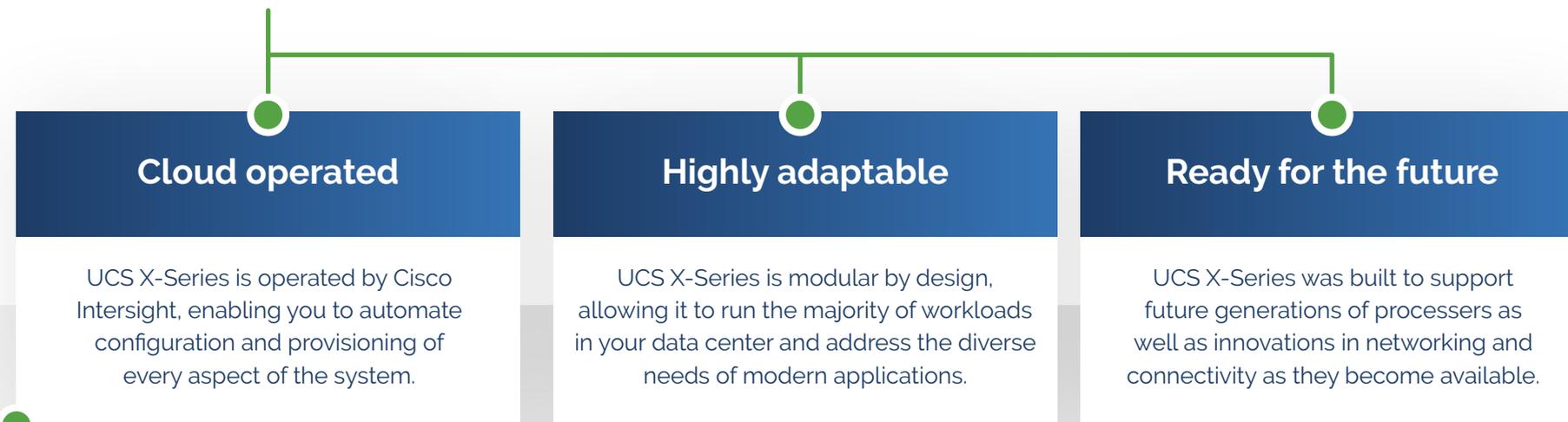
Get to know Cisco UCS X-Series Modular System powered by Intersight

What is the Cisco UCS X-Series?

Cisco's tagline for the UCS X-Series is "unbox the future" for good reason – it's a stateless system that acts more like software than hardware, and will make you re-think what a server can and should be.

With UCS X-Series, you can standardize on a common system and operating model across your entire hybrid cloud environment to not only simplify your data center, but also enable better automation, increase business agility, and improve operational efficiency.

UCS X-Series won the 2021 CRN Tech Innovator Award for Hybrid Cloud Infrastructure

Cloud operated

UCS X-Series is operated by Cisco Intersight, enabling you to automate configuration and provisioning of every aspect of the system.

Highly adaptable

UCS X-Series is modular by design, allowing it to run the majority of workloads in your data center and address the diverse needs of modern applications.

Ready for the future

UCS X-Series was built to support future generations of processers as well as innovations in networking and connectivity as they become available.

What is Cisco Intersight?

Intersight is a cloud-based platform that brings all the benefits of SaaS delivery and full lifecycle management to UCS X-Series, providing software-based services for monitoring, provisioning, troubleshooting, optimization, and proactive maintenance.
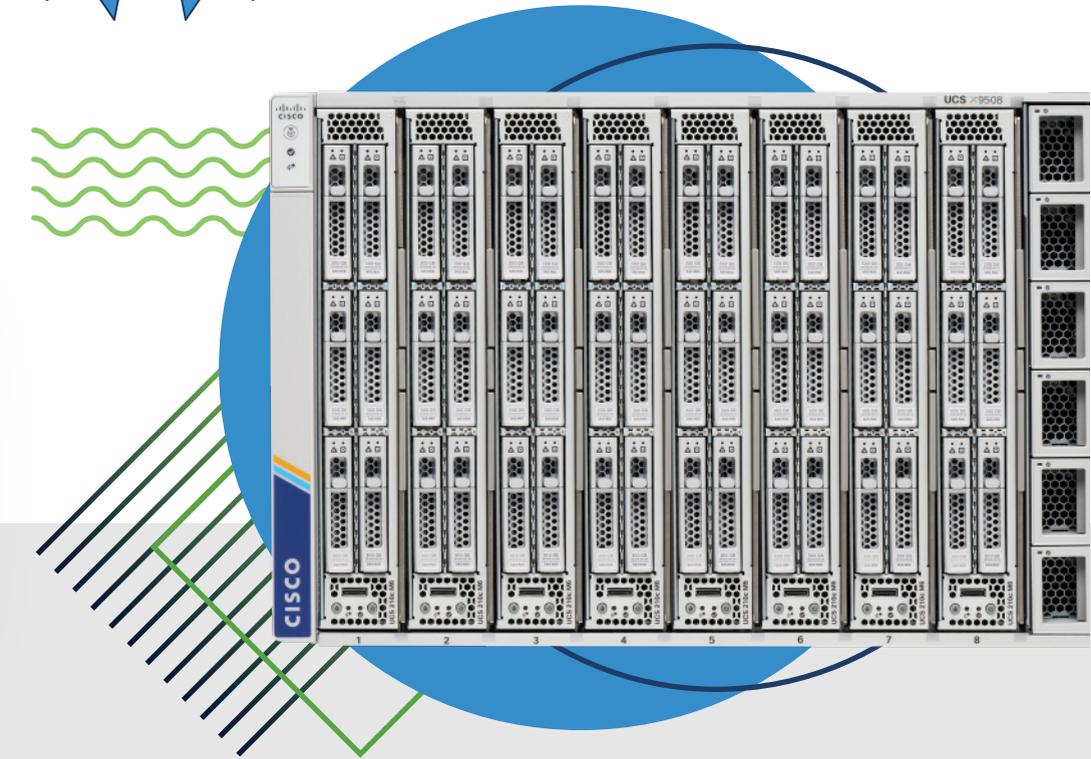
What outcomes can UCS X-Series create for my organization?

When designing UCS X-Series, Cisco's engineering team rethought everything from power distribution and physical layout to cooling and airflow – making it a smart choice for a sustainable future and higher performance. With UCS X-Series, your organization will be able to:

1 Combine the efficiency of blade servers with the capacity and expandability of rack servers

2 Lower the TCO of data center infrastructure through consolidation and automation

3 Gain more agility to better respond to changing business and application needs

4 Support new technologies in the data center without ripping and replacing infrastructure

5 Simplify data center management and operations across your hybrid IT environment

6 Protect your investment with a system built for future generations of processors and connectivity technology
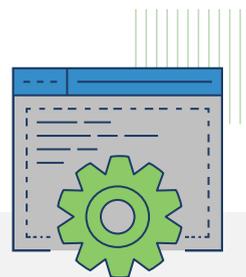
Get to know Cisco UCS X-Series Modular System powered by Intersight (continued)

How can UCS X-Series reduce complexity in my hybrid IT environment?

When operating models, tools, and applications are spread across on-premises infrastructure and clouds, your IT team carries the weight of that complexity. Designed exclusively for the age of hybrid cloud, UCS X-Series was built to reduce the complexity that today's organizations continue to experience within their hybrid IT environment.

Introduce a single platform to deploy, optimize, scale, manage, and operate hybrid cloud infrastructure

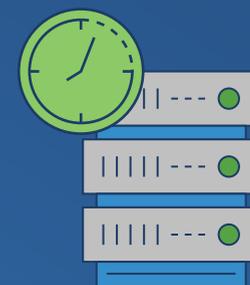Run traditional and modern workloads on the same infrastructure to minimize the servers you manage

Improve visibility and control across your on-prem, edge, and cloud environments

*"As we have completely changed our infrastructure, just not from networking but from server installations, **IE has been right there, every step of the way**."*

-Bob Barker Company

Why trust Internetwork Engineering to help you architect, deploy, and support UCS X-Series?

UCS X-Series may bring a lot of opportunity to the table, but just like any other technology it must be thoughtfully designed, deployed, and managed to maximize its benefits. At Internetwork Engineering, that's where we shine – and through our Ideas to Execution (I2E) methodology and years of experience across multiple verticals, we can help you translate your business requirements into infrastructure solutions like UCS X-Series.

Early adopters of Cisco UCS X-Series
We were early adopters of Cisco's Unified Computing System over a decade ago, and we've taken that same approach with Cisco UCS X-Series to ensure we can help our customers adopt and manage it.

Dedicated solution engineers
Every IE customer is given a dedicated Solutions Engineer to provide technical advice at no charge. They will help you identify problems, and generate ideas for solutions to overcome them.

A focus on customer success
Technology adoption is complex – especially when it comes to data center technology. Our Customer Success Team can lighten that burden and make it easier to adopt and maintain UCS X-Series servers.

You have a lot of options for the solution provider you choose to work with. But at IE, we believe our people, solutions, and trust are what sets us apart from the competition. We'd love an opportunity to understand challenges you're facing from an infrastructure standpoint, and show you how we can help you overcome them with Cisco UCS X-Series.

Take a next step

Interested in learning more about UCS X-Series? Click on the appropriate link below to talk with one of our hybrid IT experts, schedule a demo, or read a blog to learn how UCS X-Series can help your organization

Meet with an expert

Learn how UCS X-Series can make both financial and operational sense for your organization

Meet with an expert

Schedule a demo

See how Intersight can simplify operations across your entire hybrid IT environment

Schedule a demo

Read a blog

Better understand how UCS X-Series can be a source of huge cost savings for your organization

Read a blog

Not ready for a next step, but have questions?

Get an answer through email from one of our UCS X-Series subject matter experts – **marketing@ineteng.com**

About Internetwork Engineering (IE)

At IE, we are people connecting people. Since 1996, IE has been connecting people to their customers, coworkers, suppliers, patients, citizens, and students throughout the Southeast – creating more meaningful interactions with the people you care about most. Our mission is to provide technology solutions that inspire innovation and achievement, knowing that the right technology at the right time has the power to transform industries, countries, and lives.

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