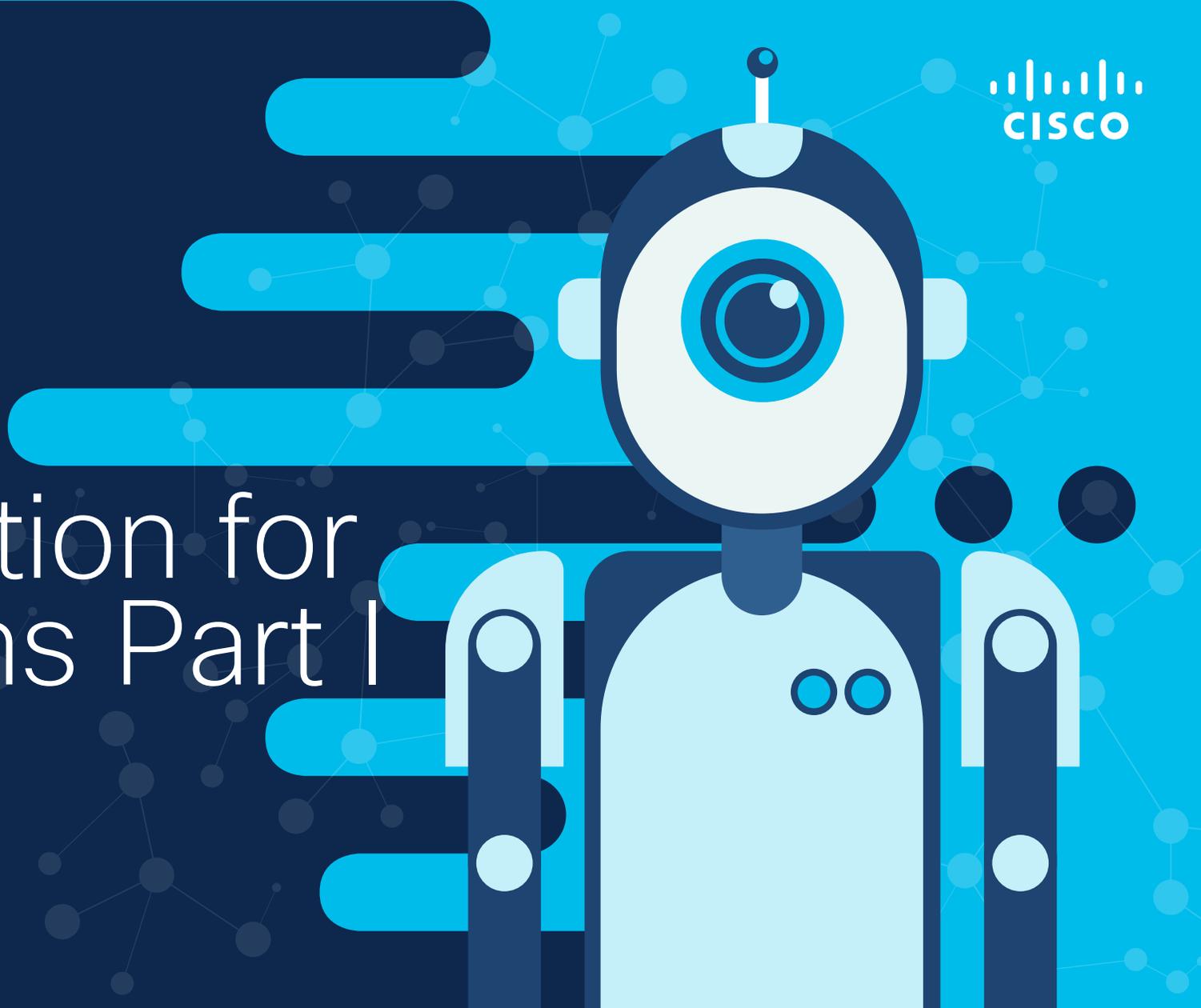


Platform Modernization for Applications Part I

LEADING DIGITAL BUSINESS
TRANSFORMATION SERIES:
MODULE 2



HOW IS DIGITAL TRANSFORMATION CHANGING THINGS?

Digital transformation is driving new applications and consumption models.

75%

of enterprise-generated data will be created and processed outside the traditional, centralized data center or cloud by 2020.

IT teams will need to deliver applications and services faster than ever before, as users demand a simplified experience and innovation is the key competitive differentiator.

WHY YOUR BUSINESS NEEDS TO DIGITALLY TRANSFORM

Five trends are impacting on IT teams and reshaping the business computing environment:

- **Operational complexity** – Machines are needed to help manage the machines through automation and orchestration capabilities
- **Ingredient technologies** are heavily fragmented – The breadth of choice has increased substantially
- **Architecture is changing rapidly** – Before you can evaluate and adopt the latest technology a new one is on the horizon
- **New sources of demand for compute** – Workloads continue to be more distributed, so a management model is needed that can span the entire computing universe and extend administrative capabilities to where they're needed
- **Enterprise requires multi-cloud orchestration and cost control** – The conversation is no longer focused on which application should be moved to the cloud, but how applications can stretch across multiple clouds

WHY CISCO?

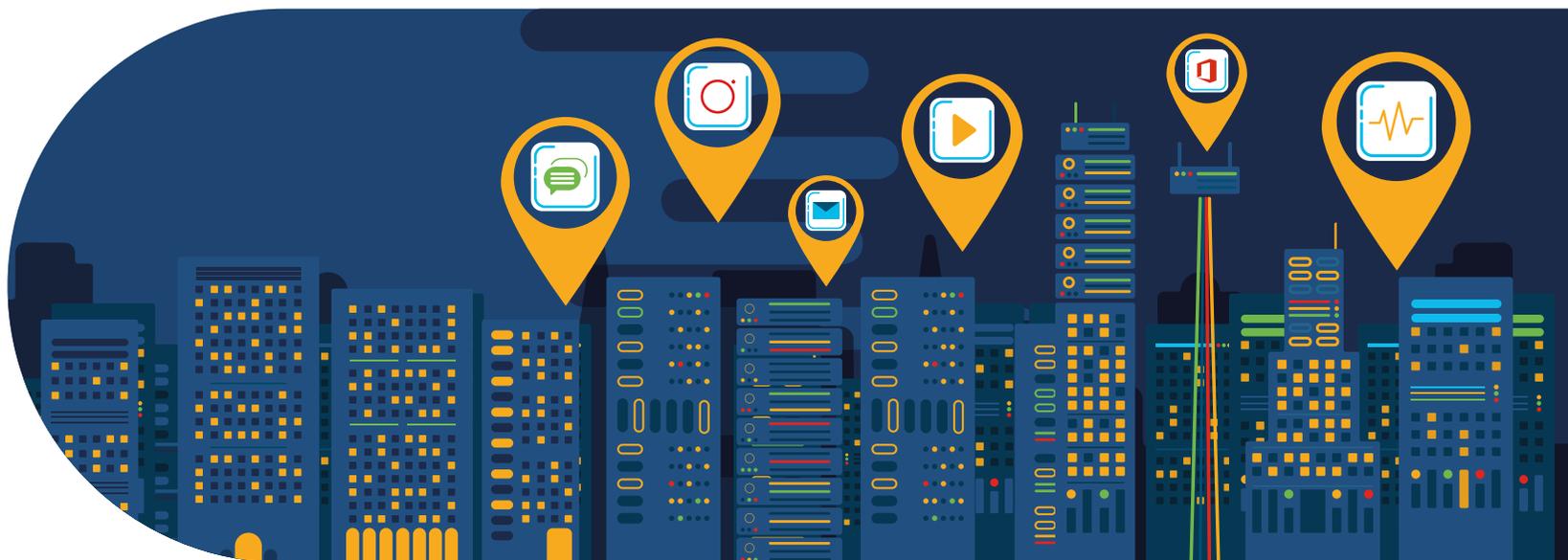
Cisco has created an approach that helps your business bridge the gap between

where your IT organization is today, where it needs to be, and the possibilities of what you can achieve.

CISCO UNIFIED COMPUTING SYSTEM (CISCO UCS)

IT needs intuitive systems to manage IT infrastructure at scale, regardless of where it is located. Cisco UCS tackles the issue of complexity head-on via three capabilities:

- **API first, policy-based model** lets enterprises accelerate infrastructure deployment and the delivery of applications and services. The model uses an intelligent, unified fabric and programmable stateless system



▪ **Cloud-based, analytics-powered operations** deliver a new infrastructure and applications everywhere. It also helps transition to whatever's next.

▪ **Platform for Multicloud and Edge** with workload optimization, automation and orchestration capabilities that creates a computing platform to deliver a superior user experience.

CISCO INTERSIGHT

Cisco Intersight makes IT operations and management smarter and simpler. It uses cloud-powered intelligence to prevent

architectural silos and deliver seamless, secure infrastructure management - no matter where it's located.

Benefits of Cisco Intersight:

▪ **Unified management** - Single pane of glass, consistent operations model and experience in managing all systems and solutions.

▪ **Programmability** - End-to-end with native API, SDKs, and popular DevOps toolsets.

▪ **SaaS** - Hosted management or connected appliance model frees businesses from

feeding multiple management tools and eliminates upgrade dependencies.

▪ **Enhanced support** - Extends to all Cisco Technical Assistance Centre (TAC)-supported platforms.

▪ **Recommendation Engine** - Provides insights sourced from across the Cisco-installed base, tailored to each business's IT environment.

HOW CISCO HELPS

Cisco's approach is to choose the best platform to meet the needs of the application, delivering an elegant operational experience.

Our architecture works to unify compute, network and storage into a software-defined, policy-based system that places IT at the forefront of your innovation.

We can scale and secure multiple systems dependent on whether or not they manage multiple use cases, while maintaining the current system. This architecture underpins all that Cisco does to ensure the platform is innovative, fully visible and insight action driven on behalf of the application.

[Request a call](#)

