# Cisco Intersight

## Managing the demands of digital transformation

Competition is driving the digital transformation. IT faces increasing demands to deliver applications and services faster and more efficiently to meet the needs of business users, developers, and DevOps and operations teams. IT teams have to support existing applications while managing next-generation applications and workloads that require computing at the edge and across public and private cloud environments as well in the data center.

This requirement to implement distributed applications supported by distributed computing is creating a growing gap between what these environments require and the expertise, processes, and tools to support them. These new demands require IT organizations to adopt new approaches, leading to the adoption of continuous integration and continuous delivery (CI/CD) processes. Management and automation platforms enhanced by analytics and machine learning are necessary to increase efficiency and to continuously evolve to manage the growing complexity.

## Benefits

- Reduces the complexity and manual effort required to install, upgrade, and support your infrastructure management tools

- Delivers proactive support through tight integration with the Cisco® Technical Assistance Center (TAC)

- Learns and evolves to deliver greater capabilities and improved insights to help you optimize and proactively support your environment

## Pervasive simplicity

Cisco Intersight provides management as a service and is designed to be easy to scale and easy to implement. Cisco UCS and Cisco HyperFlex systems are fully programmable infrastructure with a unified API. Cisco Intersight is API driven, so the platform and the connected systems are DevOps enabled to facilitate continuous delivery. Users from operations and development teams can access the platform through portals that are designed for various personas.

We've done the hard work required to reduce complexity and disruption, so that you can smoothly transition your current systems and Cisco UCS management tools to the Cisco Intersight platform. You can easily implement the platform in the way that works best for your organization. You just register your devices through the Cisco Intersight portal.

Future releases of Cisco Intersight will be maintained automatically, just like other Software-as-a-Service (SaaS) products. This approach reduces complexity and helps ensure compliance.

## Contact your Ingram Micro account manager for more information

## A higher level of management

Cisco Intersight™ is designed to address these requirements. This cloud-based system management platform is augmented by analytics and machine learning. It enables organizations to achieve a higher level of automation, simplicity, and operational efficiency. It provides a holistic and unified approach to managing distributed computing environments. And it provides global management for the Cisco Unified Computing System™ (Cisco UCS®) and Cisco HyperFlex® systems that scales easily and seamlessly without increasing complexity.

Cisco Intersight provides the benefits of cloud-based management that customers have come to appreciate with similar solutions, such as the Cisco Meraki™ platform. It monitors the health and relationships of all the physical and virtual infrastructure components. Telemetry and configuration information is collected and stored in accordance with Cisco information security requirements. The data is isolated and displayed to you through an intuitive user interface.

This cloud-powered intelligence can assist organizations of all sizes. Because the Cisco Intersight software gathers data from the entire installed base, it learns from all customer environments. This data is combined with practical knowledge to enable Cisco Intersight to evolve and become smarter. As the Cisco Intersight knowledge base increases, trends are revealed, and new information and insights are provided to you through the recommendation engine.

## A higher level of support

The data points from Cisco Intersight analytics and machine learning are correlated to create models that recognize indications of problems. The knowledge base is tightly integrated with Cisco TAC support and supplemented by the expertise of the Cisco UCS community. When used in combination with the TAC's vast knowledge base, Cisco Intersight helps prevent problems by delivering new levels of proactive systems support. The information is synthesized and provided to you in an easily consumable, actionable format through the Cisco Insight recommendation engine. By combining these insights and recommendations with automated actions, you can significantly increase efficiency, reduce costs, and accelerate time to resolution (Figure 1).

Figure 1   Conceptual overview of Cisco Intersight platform