

# Cisco UCS Director

## Move at the speed of business

IT budgets are limited. Technology and business service complexity are increasing. The number of technology components is growing exponentially. Qualified IT professionals are scarce. And compounding these problems, IT professionals are spending the majority of their time on troubleshooting and configuration tasks that could be handled by automation.

Automation can resolve the challenges of scale, speed, cost, and repeatable accuracy. It allows IT organizations to increase productivity and remain competitive. It combines the speed of machines with the wisdom of humans to transform manual processes into standardized automated services.

Cisco UCS® Director replaces manual configuration and provisioning tasks with automation to optimize and simplify delivery of data center resources. Automated workflows configure, deploy, and manage resources across Cisco® and multivendor infrastructure and converged and hyperconverged solutions (Figure 1).

## Benefits

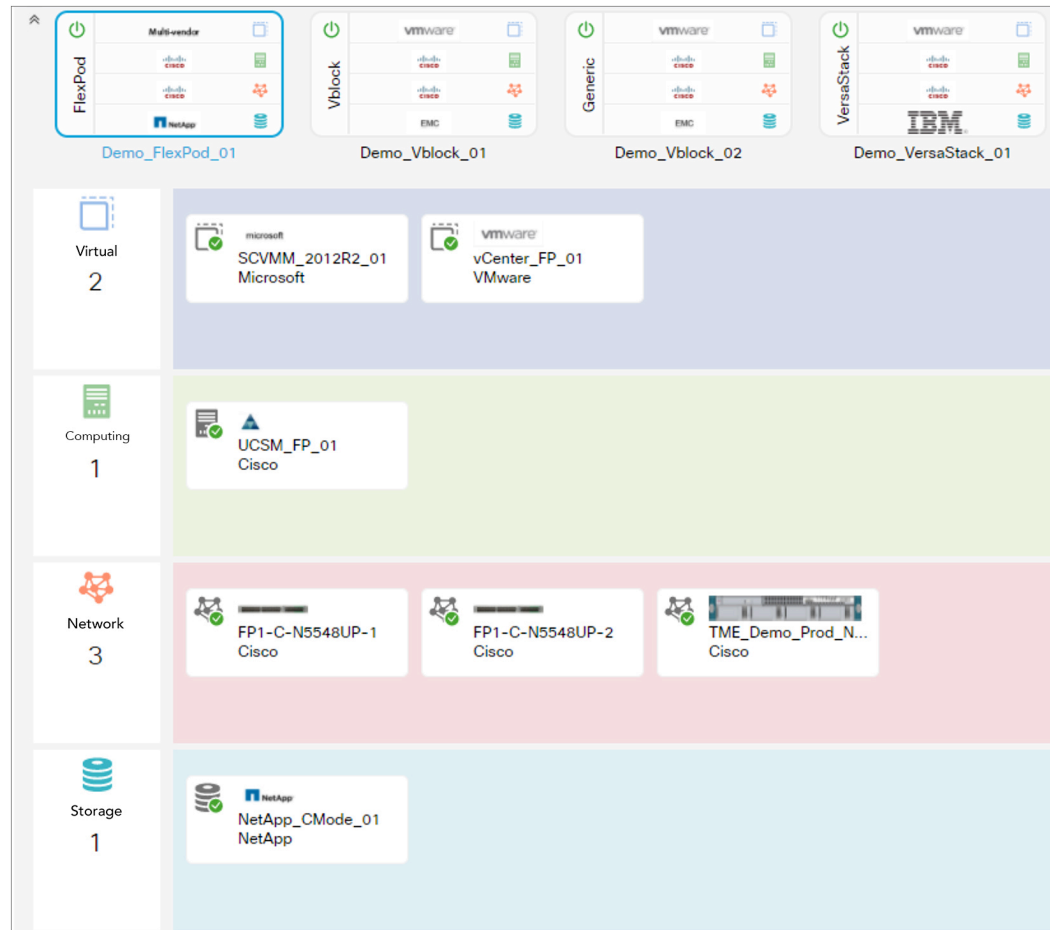
- Increase productivity with on-demand delivery of infrastructure components, bare-metal servers, and converged and hyperconverged solutions.
- Achieve faster time to value through model-based orchestration to quickly configure and create standard physical and virtual services.
- Reduce operation complexity with single-control access to more than 80 percent of common operation tasks.
- Respond quickly with automatic deployment of data center resources by using Cisco UCS® Director in conjunction with [Cisco® Workload Optimization Manager](#).

## Fast time to value

Model-based orchestration takes automation beyond basic configuration and deployment of infrastructure components. Cisco UCS Director increases operation efficiency by:

- Providing an extensive task library to orchestrate Domain Name System (DNS) changes, server name changes, SAN zoning, database installation, disaster-recovery failover, decommissioning of servers, and provisioning of hosts and virtual machines
- Synchronizing resource access across multiple workflows that use the same resources
- Using VMware vSphere guest OS tools and file upload capabilities for processing on Microsoft Windows and Linux
- Supporting the new VMware Remote Console (VMRC) HTML-based console Software Development Kit (SDK)
- Supporting virtual machine mobility across VMware vCenter data centers

Figure 1. Single-console management of data center resources



## Keep pace with business now

With workloads increasing by 26 percent per year but IT budgets growing at a meager 3 percent, data center professionals are struggling to keep pace with business. Cisco UCS Director delivers the scale, speed, cost efficiency, and repeatable accuracy your business needs to keep pace with the market. Learn more at [www.cisco.com/go/ucsdirector](http://www.cisco.com/go/ucsdirector).