

VMware vRealize® Suite for Education

AT A GLANCE

vRealize Suite is a time-saving, enterprise-ready cloud management platform that enables educational institutions to quickly and strategically deliver infrastructure while driving faster application development and better usability.

vRealize Suite provides a comprehensive management stack for IT services on VMware vSphere® and other hypervisors, physical infrastructure, containers, OpenStack public cloud endpoints such as VMware vCloud® Air™, Amazon Web Services and Azure — all inside a unified management experience.

KEY BENEFITS

- **Agility** to meet increasing demands for faster IT services delivery
- **Increased efficiency** of IT staff and the utilization of data center resources
- **OpEx and CapEx savings** across all IT infrastructure platforms
- **Optimization and customization** that ensures peak performance and the reclaiming of unused resources
- **Control** to orchestrate the needs of IT teams balancing objectives across the dimensions of agility, risk, and cost
- **Better business/IT alignment** with more transparency into resource allotment and costs

MODERNIZING THE DATA CENTER FOR EDUCATION

Agility, not cost, is the main driver for 40% of education CIOs.¹

Today's schools face increasing demands for faster application development, as well as true reliability and scalability to serve students, faculty, and administration who rely on 24/7 access to campus services and online learning resources. These new pressures replace the traditional IT focus on basic infrastructure procurement and maintenance. vRealize Suite eases the strain on IT personnel, providing:

- Time-saving IT automation
- Streamlined intelligent operations
- More time for application development

A POWER-PACKED CLOUD MANAGEMENT PLATFORM

The **high pace of change** and the many **complex decisions** that need to be made quickly, and the quest for **improved student success** are the key drivers pushing data-driven infrastructure adoption.²

Decision-makers in education must strike a perfect balance between solving for today's critical technology needs and making investments that hedge against shifting IT landscapes and trends toward software-defined data centers.

vRealize Suite helps IT staff strategically orchestrate and unify current environments with the following powerful VMware products:

- **vRealize Automation™**: Automated delivery of personalized infrastructure, applications, and custom IT services
- **vRealize Operations™**: Intelligent health, performance, capacity, and configuration management
- **vRealize Log Insight™**: Real-time log management and log analysis
- **vRealize Business™ for Cloud**: Automated costing, usage metering, and service pricing of virtualized infrastructure

Collectively, vRealize Suite empowers staff to unify and streamline the IT services delivery cycle within their organizations, make good on the promise to accelerate digital learning, and offer dependable application services cross-campus.

THREE EDITIONS TO FIT YOUR UNIQUE NEEDS

70% of educators say they are working to incorporate more technology into the classroom to prepare students for the future workforce, to **improve student engagement (67%)**, and to improve **student achievement (63%)**.³

Educational institutions can't afford downtime impacting student outcomes and campus services that require anywhere, anytime access. Because every institution faces unique challenges, VMware offers three vRealize Suite editions to provide the functionality you need based upon your unique data modernization journey:

- **Standard Edition:** Supports Intelligent Operations Management for institutions desiring to improve application performance and availability via predictive analytics and smart alerts.
- **Advanced Edition:** Supports Automated IT for institutions who need to accelerate the delivery of IT infrastructure services by automating delivery and ongoing management.
- **Enterprise Edition:** Supports DevOps-Ready IT for institutions with DevOps initiatives to automate the delivery and management of full application stacks.

Additionally, upgrades to vRealize Suite can be purchased for vRealize Operations, vRealize Automation, vRealize Log Insight, vRealize Business for Cloud Advanced, or from lower editions of vRealize Suite.

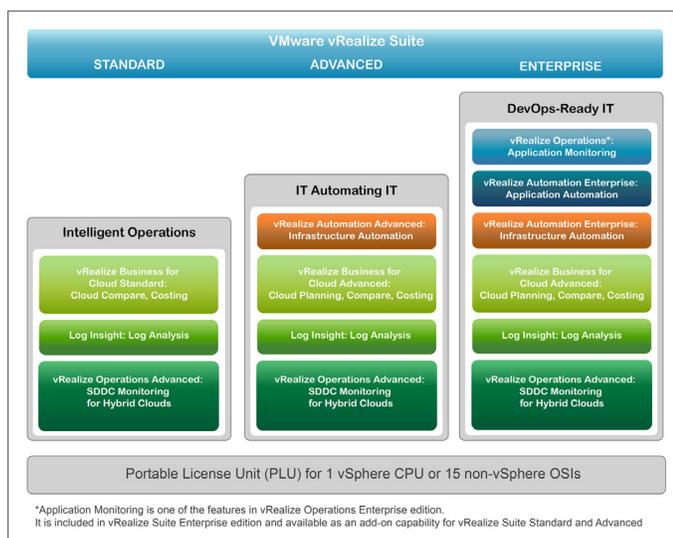


Figure 1: vRealize Suite Editions

THE BIG PICTURE: WHAT DOES vREALIZE SUITE REALLY PROVIDE?

It's a new world for IT leadership at educational institutions. In the face of decreasing budgets, staff must invest today's IT money in ways that support expected future trends while addressing demands for streamlined, reliable operations and data center advancement. vRealize Suite helps IT staff effectively manage the complete lifecycle of IT services delivered in a hybrid environment and deploy the following operational management solutions:

- **Intelligent Operations:** Proactively address health, performance, and capacity management of IT services across heterogeneous and hybrid cloud environments to improve efficiency, performance, and availability.
- **IT Automation:** Automate the delivery and ongoing management of production-ready infrastructure and application components across multi-cloud environments to reduce the time it takes to respond to requests for IT resources and improve the ongoing management of provisioned resources.
- **DevOps-Ready IT:** Build a cloud solution for development teams that can deliver a complete application stack, support developer choice by providing both API and GUI access to resources, quickly provision resources across multi-cloud environments, and extend the solution scope by addressing continuous delivery to further speed up application development.

Ultimately, vRealize Suite enables a host of benefits that positively impact both IT decision-makers and end-users throughout an institution's ecosystem. vRealize Suite promotes:

- **Agility**
 - Speeds up overall cloud operations and IT services delivery
 - Lets agencies easily expand and extend to meet future computing requirements
 - Equips IT staff to deliver applications that meet the expectations of faculty, staff and students
- **Efficiency**
 - Increases speed of operational tasks
 - Right-sizes workloads
 - Simplifies the full utilization of data center resources
 - Takes application provisioning from weeks to days⁴

• Optimization

- Allows IT to proactively identify and solve emerging issues with predictive analytics and smart alerts, ensuring optimum performance and availability to address stakeholder needs
- Optimizes OpEx and CapEx expenditures for expanded campus services
- Restores overall reliability and consistency of cloud operation and service delivery

• Control

- Delivers the right level of control to support the needs of IT teams balancing objectives across the dimensions of agility, risk, and cost
- Improves decision-making and productivity when it matters most, thanks to real-time analytics
- Ensures consistent environments for reduced errors and improved quality control

• Better Business/IT Alignment

- Provides cost transparency into IT services
- Furnishes usage metering and benchmarking opportunities

WANT TO LEARN MORE?

VMware, already a trusted leader in virtualization, is committed to giving educational institutions a flexible cloud management platform that helps them accelerate application development, simplify operations, save time, and improve the overall health of their IT services lifecycle. Visit <http://www.vmware.com/go/vrealize-edu> today to learn how vRealize Suite could help your organization.

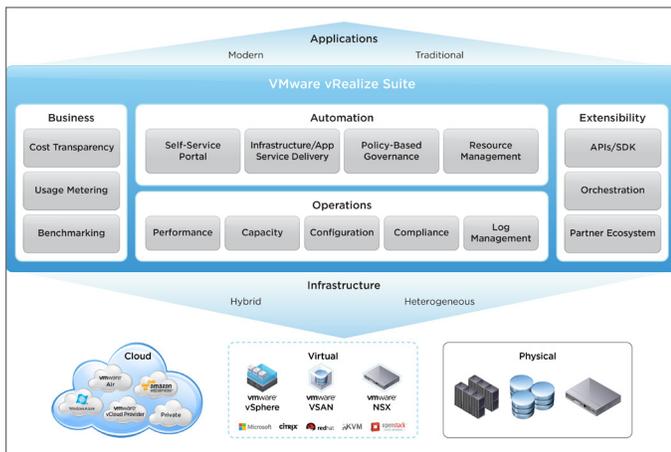


Figure 2: vRealize Suite Components

SOURCES

- ¹Gartner. "Market Trends: How to Target Education CIOs in a Digital Business World," Sept. 2015. [Web](#).
- ²Gartner. "Top Business Trends Impacting Education in 2015." Nov. 2015. [Web](#).
- ³CDE. "Center for Digital Education Special Report." Q1 2015.
- ⁴Forrester. "The Total Economic Impact of VMware's Automated Application Deployment," June 2015. [Web](#).

