EDUCATION

Hyperconvergence on Your Choice of Hardware

Maxta Hyperconvergence Software simplifies IT infrastructure and makes it affordable for schools by collapsing compute, storage and networking into a single tier using your choice of hardware and hypervisors.

As an IT professional, you're under ever-increasing pressure to deliver infrastructure that delivers cloud-like flexibility for your students, faculty and staff. You've used traditional storage infrastructure for years, but it can't keep up with today's rapid growth. Hyperconverged appliances look promising, but these lack flexibility and come at a premium price – it can cost $50,000 to add a node, the only way to add capacity.

Maxta lets IT professionals at K-12 schools, colleges and universities simplify IT infrastructure and reduce costs dramatically without sacrificing performance or availability, all using commodity hardware – even the hardware you own today.

> **"Ultimately, Maxta is going to save us a lot more money than just the initial up-front cost."**
>
> – Eric Goings, CTO
>   Oklahoma Wesleyan University

The Freedom to Choose. The Flexibility to Change.

Maxta gives you choice of server vendor and hypervisor so you can build a private cloud infrastructure that's best for your school.

Hyperconverged appliances and even some hyperconvergence software restrict your choice of hardware and hypervisor. Maxta Hyperconvergence Software is platform-agnostic, so you have a choice of hardware and hypervisors. That gives you a clear advantage over costly

and complex traditional storage arrays that lock you in to their platform. Hyperconverged appliances promise to solve this too, but still lock you in to a hypervisor, a hardware platform or both.

Maxta works with over 7 major server vendors, including Cisco, Dell-EMC, HP Enterprise, Huawei, Lenovo, Quanta, Super Micro, and more. You can choose from pre-configured, pre-validated solutions with Maxta pre-installed, buy your own hardware, or even use existing server hardware. Maxta supports VMware vSphere and Red Hat Enterprise Virtualization platforms, and gives you the ability migrate VMs seamlessly between them.

Maxta even lets you mix and match hardware within clusters. That means departments and schools that are part of larger campuses have the flexibility to pick the hardware that's right for them.

Simplify Your Infrastructure. No Storage Expertise Required.

Maxta is a VM-centric platform, so you never have to manage storage separately. It optimizes performance and availability on a per application basis, so you can reduce costs and increase flexibility by running mixed workloads on the same cluster – and improve performance for applications by 25 percent. You can run virtual desktops for computer labs, databases and other applications side-by-side. That's something you can't do with traditional storage or even most hyperconverged appliances.

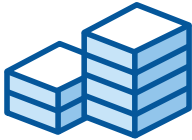©2018 Maxta, Inc.

Advantages for Education Organizations

Cost-Effective Infrastructure

Get cloud-like economics for your IT infrastructure with hyperconvergence software and commodity hardware that's easy to manage.

Choice of Hardware – Even Existing Hardware

Each department can choose the server hardware that's best for them, or even repurpose hardware they already have.
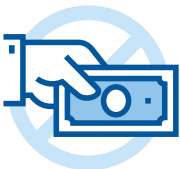
Never Overprovision Compute or Storage

Scale compute and storage separately by adding disk, memory, or CPU to existing nodes, add new nodes as you need them.

Manage VMs, Not Storage

Improve infrastructure utilization by 40% **and** improve performance by 25% with VM-level policies.

No Refresh Tax

Only pay for software once – not every time you refresh hardware.

No Upgrade Tax

Add capacity to a node, add a node, or add compute only nodes – without appliance or storage vendor markups.

No Vendor Lock-In

Mix and match server hardware, drives, and leading hypervisors within a single deployment, so you're never locked in.

All the Advantages of an Appliance Without any of the Downsides.

Schools and universities require the flexibility to scale infrastructure in small increments and shift resources around – things hyperconverged appliances can't offer.

On the surface, a turnkey hyperconverged appliance looks like a good way to go. It's simple to rack and stack new systems as demand grows. But appliances can't scale in small increments, or scale compute and storage resources separately, meaning the only way to scale is to buy another appliance – often for $50,000 per node. There's also a "refresh tax" – whenever you refresh the hardware, you have to buy the software again.

The alternative, hyperconverged software, means you're never locked in to a hardware or hypervisor platform. And software lets you scale compute and storage independently.

Maxta's Education Customers Include:

BYU

TEXAS TECH UNIVERSITY

The Open University

UT DALLAS

OKLAHOMA WESLEYAN UNIVERSITY