



# HYPERCONVERGED INFRASTRUCTURE

## SIMPLIFY THE DATA CENTER



Business demands are driving IT environments to constantly evolve. Today's technology landscape is also constantly evolving, with more focus around speed, performance, efficiency, and productivity, but not at the expense of ROI. API Systems has a deep rooted foundation in providing innovative solutions and services to address the demands from businesses, whether they be simple or complex. Hyperconvergence is one of these technologies, which boasts the potential for increased efficiency and cost savings.

By bringing compute, storage and networking together in a commodity hardware box, you enable a solution that is software defined, distributed, alerts you to problems long before a component failure, and automated with clear analytics. When your legacy hardware no longer meets your virtualization needs and you want to reduce costs, scale without limits and score fast ROI, a hyperconverged solution from leading vendors managed by API Systems is the answer.

### BENEFITS OF HYPERCONVERGENCE



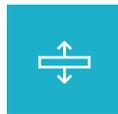
#### True Turnkey Data Center

Integrated server, compute and storage resources in a small footprint appliance that can be deployed in 30 to 60 minutes and run any application at webscale.



#### Scale Smart

An added software layer for management allows new capabilities without new hardware and predictable scalability



#### Hyperconvergence

Natively integrate compute and storage in a scale-out cluster that reduces heat, power and footprint while eliminating legacy storage complexity with converged infrastructure.



#### Innovation

Stop carving LUNs and start carving up your business issues. Free your internal IT team to innovate and put resources into key initiatives, not storage.



#### Cost Effective

The low cost of entry for hyperconverged solutions makes it an attractive option for any size or requirement, from SMB to the enterprises, if compared with integrated and legacy solutions.



#### Enhanced Agility

With centralized management and administration, hyperconverged infrastructure enables IT to respond to business needs faster than ever, by streamlining IT operations.

Find your company's competitive advantage in API's IT Solutions and Services. Contact us today!

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## THE CHALLENGE

Shechtman Marks Devor PC (SMD), a highly regarded accounting firm based in Philadelphia, had a problem with their IT services. While they had a solution that technically met their needs, they found themselves with a poor and inconsistent user experience. Users could not get a consistent desktop from day to day and persistent downtime problems were a business issue for the accountants and their clients.

## THE SOLUTION

API Systems recommended removing a 42U rack of unnecessary and underused equipment and replacing it with a 2U Nutanix hyper-converged solution. The four node Nutanix box allowed API Systems to maintain the same number of virtual servers as the old solution in a much smaller, more efficient package.

## THE RESULT

With API Systems and Nutanix, SMD Solutions now saves on electricity, HVAC and footprint while eliminating downtime and providing a consistent experience users can rely on every day. Downtime was reduced 80 percent while all project deadlines were met.

## API SYSTEMS DELIVERED

“API Systems really allowed us to add efficiency and streamline our IT environment, to a level which we did not know was achievable. Their tailored approach was perfect for our business, and at the end of the day, we saw significant productivity gains, along with an increase in overall service delivery to our business...”

—IT MANAGER

## IS HYPERCONVERGENCE THE ANSWER FOR YOU?



### Server Compute

→ Six to 36 cores with Ivy Bridge and Haswell architectures.

### Storage Capacity

→ 200GB to 10TB in SSD storage. Up to 20TB in HDD storage.

### Memory

→ 32GB to 768GB.

## THE RESULTS WERE AMAZING

### Downtime Reduced

80%

### Deadlines Met

100%

### Rackspace Reduced

95%

Find your company's competitive advantage in API's IT Solutions and Services. Contact us today!