

# Hyperconverged infrastructures increase efficiency and reduce cost

## How two organisations saw dramatic improvements to their systems with HPE SimpliVity

In the modern workplace, simplicity, efficiency and cost are three core areas of focus for most IT professionals. The increased demands on IT infrastructure means constant consideration of how to best manage the workload and issues of legacy systems with multiple management tools, whilst ensuring costs remain low, and no disruptions to services occur.

HPE SimpliVity offers a scalable, streamlined and hypercon-

verged platform allowing more flexibility and greater performance capability for IT systems. It includes all the functionality of traditional IT infrastructure including server, storage and data protection functions in a single device, with a unified administrative interface, for less than the cost of public cloud solutions.

SimpliVity allows businesses reach a new level of simplicity and agility, setting them apart

in an increasingly competitive landscape, whilst dramatically reducing costs.

“HPE SimpliVity offers a complete solution that simplifies IT management, lowers total cost of ownership, and brings a new level of flexibility and agility to organisations. These positive developments pave the way for greater productivity, better service and more business opportunities than ever before at a fraction of the cost”, said Declan

Hogan, Country Manager, HPE Ireland.

Recently, the Roscommon based IT management firm ProCloud (procloud.ie) worked with two large organisations looking to make significant changes to their IT infrastructure. These collaborations, using the HPE SimpliVity platform, resulted in dramatic increases in efficiency and reduction in TCO (Total Cost of Ownership) for both organisations.

## Chanelle Group: lowers IT operating costs

Many pharmaceutical companies around the world are continuously seeking innovative ways to reduce IT expenses. This is particularly important in light of shrinking budgets and growing regulations in this industry. Technology infrastructures need to be agile and flexible to support business operations in real time at an affordable cost.

Chanelle Group, based in Galway, Ireland, are a leading provider of generic animal pharmaceuticals worldwide. They had an ageing IT environment which had become too expensive and complex to administer and expand. In addition, the business was unable to meet Recovery Point (RPO) and Recovery time (RTO) objectives using its legacy Veeam Backup and Recovery solution.

This led the Chanelle IT staff to consider a virtual architecture that would allow them to consolidate physical resources and convergence.

### Footprint at a lower cost

Sachin Pol, Chanelle Group’s Head of Information and Technology, looked to implement a modern infrastructure with cutting-edge virtualisation technology at a lower cost than the legacy solution in place. A key requirement was an affordable, efficient, reliable and easily manageable solution that would enable IT staff to maintain the high levels of service expected by Chanelle’s business users.

### The ideal solution

After considering a number of options, Sachin selected HPE SimpliVity Hyperconverged infrastructure for Chanelle’s next generation IT implementation. By promising a smaller footprint at lower cost, and integrated backup and disaster recovery, HPE SimpliVity stood out from the crowd. This platform is designed to consolidate hardware, software,

and advanced data services into a simple, flexible, cost-effective building block.

Chanelle Group had two data centres, but had not been providing High Availability for their applications due to bandwidth constraints and the cost prohibitive nature of their existing solutions. They quickly identified that a HPE SimpliVity solution, with its “data-centre-in-a-box” methodology, would provide an optimal landing place for new virtual machines and provide integrated back up and High Availability. This would give Chanelle Group the DR capabilities they needed to meet their business goals at no additional cost.

“SimpliVity’s built in data protection features helps us slash backup and recovery times,” explains Sachin. “And the solution has fewer components and is extremely easy to manage, which helps us save time and money”.

“HPE SimpliVity consumes far less power and space than our previous platform and provides greater capacity for around 25% less cost, giving us terrific long run operation savings,” said Sachin.

### HPE SimpliVity helped Chanelle Group achieve: High Availability

Chanelle Group quickly began replicating virtual machines (VM) from the primary site to the DR site and is now able to provide all VMs with a level of protection previously unachievable with their legacy technologies. This allows the IT staff to sleep easy with all VMs protected and online at the remote site.

### Enhanced flexibility

By modifying the configuration of the virtual machines running their main business application to accommodate more memory, Chanelle improved the applications’ overall performance.

### Simplified management

Chanelle Group now have a simple solution that the team has been able to adopt quickly and seamlessly without sacrificing performance or scalability.



## Monaghan County Council: improves IT performance

Monaghan County Council had an ageing IT infrastructure which no longer addressed its needs. It had become too expensive and complex to administer or expand, so was unable to meet recovery point (RPO) and recovery time (RTO) objectives. As a result, the council began looking for a more modern infrastructure that was affordable, efficient, reliable and easily manageable. It was crucial for them that the new system would reduce IT costs while enabling IT staff to maintain the high levels of service expected by the council’s business users.

maintaining the service people expected from them.

“The HPE SimpliVity solution costs were significantly less than comparable alternatives, while providing far greater capacity. And because it consumes a fraction of the space and power of our legacy platforms, it will be far less expensive to operate over the long run,” said Carmel O’Hare, head of information systems, Monaghan County Council.

### HPE SimpliVity helped Monaghan County Council:

#### Reduce IT costs innovatively

Monaghan County Council were tasked with cutting IT costs in an innovative way. HPE SimpliVity delivers on those objectives by modernising and streamlining the council’s IT solution at a much lower cost than traditional infrastructures.

#### Maintain high level service

The new system is centrally

managed with existing VMware tools, allowing the council to adapt quickly and seamlessly without sacrificing performance or scalability. This means that end users are provided with the same high level of service as always, with no extra personnel required.

#### Achieve seamless ‘data-centre-in-a-box’ implementation:

Monaghan County Council was able to schedule the virtual migration on to HPE SimpliVity while maintaining their existing environment and minimising the impact to the business.

#### Improve application performance

Monaghan County Council were able to allocate more resources to applications in real time, which has resulted in a 70 to 80 per cent performance improvement for business users.

To learn more about HPE SimpliVity, visit [hpe.com/info/SimpliVity](http://hpe.com/info/SimpliVity)

## Game-changing speed and optimisation



Niall O’Donohoe, Managing Director ProCloud and Carmel O’Hare, Head of information systems, Monaghan County Council.

“When the first byte of data gets created, it’s already being optimised by using data compression and data de-duplication. For many other products, that’s an after-thought.” As a result, organisations are seeing tangible business benefits such as:

- \* 90 per cent capacity savings across storage and back-up combined
- \* Under one minute to back up or restore a 1TB VM
- \* 50 per cent plus application performance improvement
- \* 10:1 reduction in physical devices in the data centre

Niall O’Donohoe, Managing Director ProCloud