The Journey to **Digital Transformation**

Everyone today seems to be talking about digital transformation, but what does that really mean?

Fundamentally, digital transformation is a way to make enterprises more technologically adept by infusing technology deeper into business processes. The goal: to become smarter, faster, and more competitive.

How important is it? Very. According to IDG's latest "State of the CIO" Survey, **today's IT executives are under more intense pressure than ever to digitally transform their businesses.**[1]

And while the majority of IT decision makers tell IDG that their current structure is appropriate for today, **far fewer think it's right for the future.**[2]

That shouldn't be surprising. The impact of cloud computing, mobility, big data, social media, and open source has many companies in a state of continuous change.

So how do you start on the journey to digital transformation?

Thankfully, it's not a question of throwing everything out and starting over. There's no magic wand for getting rid of legacy systems. Some level of integration with older systems – the ones running Windows and Unix – is necessary.

But make no mistake: **Digital transformation can't be achieved with an outdated infrastructure.** It requires a strong foundation, one that eliminates the need for one-to-one integration between systems. It substitutes time-consuming integration with modern, cloud-ready APIs for exchanging information.

There are three key elements to a foundational infrastructure:

OPEN SOURCE SOFTWARE
Enterprises derive multiple benefits from open source software, from avoiding vendor lock-in to immediate cost savings to a move from CapEx to OpEx.

INDUSTRY-LEADING HARDWARE
Even as everything is becoming "software-defined," hardware doesn't lose its importance. In fact, it needs to be more robust than ever before to handle the deluge of big data on the back end and mobility applications on the front end.

PERFORMANCE/ SCALABILITY
A key facet here is not only accommodating baseline performance, but also the ability to accommodate new demands from business quickly and with agility. That's why scalability is so important.

So what's the payoff?

It's the ability to...

RESPOND TO NEW BUSINESS OPPORTUNITIES

IMPROVE CUSTOMER ENGAGEMENT

ATTRACT NEW TALENT (especially millennials)

But there's much more

On the business side, enterprises benefit from open source innovation that enables agility, which means a competitive advantage in addressing new business projects.

On the IT side, applying a DevOps mentality—that is, closer collaboration between developers and operations—helps create an environment of continuous improvement.

To help you make the journey to digital transformation, Hewlett Packard Enterprise and Red Hat created a partnership that brings together the best of both companies.

HPE is the leader in hardware and enterprise software. Its hardware incorporates industry-standard technologies that are configured to accommodate any performance and scalability needs.

Red Hat is the leading developer of enterprise Linux.[3] Its participation in open-source communities goes far beyond its operating system, extending to cloud technologies such as OpenStack (cloud management), OpenShift (platform-as-a-service), and Gluster and Ceph (storage).

Hewlett Packard Enterprise

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Together, HPE and Red Hat provide open solutions that help you cut costs, reduce complexity, and increase performance for physical, virtual, and cloud environments.

Learn more at
www.hpe.com/partners/redhat

SOURCES

[1] "State of the CIO 2016," IDG, January 15, 2016
[2] "2016 IDG Enterprise Role & Influence of the Technology Decision-Maker," IDG, August 26, 2016
[3] Red Hat client data and Fortune Global 500 list