THE EVOLUTION OF
THE DATA CENTRE TO HCI

Businesses aspire to gain the efficiencies enjoyed by web scale organisations such as Google, Facebook, Amazon and Microsoft Azure.

1995
44 million people globally have Internet access

1990'S - THE SILOED DATA CENTRE
This was a hardware-centric period with dedicated servers and storage for specific apps. Of course, the more apps introduced, the more servers were required.

1998
Google launches first datacentre measuring merely 7 feet by 4 feet with a capacity for 30 PCs on its shelves

1999
Nearly 300 million have Internet access, fuelled largely by the .com boom.

Emerging technologies, such as laptops, smartphones, iPads and tablets put immense pressure on data centre usage

THE 00'S: THE GROWING DATACENTRE
5.75 million new servers deployed every year

2000
500,000 people using mobiles

2007
The average datacenter consumes as much energy as 25,000 homes

THE CLOUD 2008
The transformative datacentre. New-found flexibility and scalability starts a shift from hardware to the potential of a software-centric approach.

- Web 2.0 arrives
- Amazon Webs Services launches
- 'Killer apps' emerge from Google and Microsoft

Globalisation and big data add to data centre storage and performance pressures.

2011
1.5 billion people using mobiles

2012

THE TERM HYPERCONVERGED INFRASTRUCTURE (HCI) WAS FORMED
60% of European workers are using iPads

"Software-led infrastructure is a game-changer for businesses and organizations, on the same scale as the internet was in 1995." David Floyer, co-founder and CTO of Wikibon

2012 - 2015

VIRTUALISATION REVOLUTIONISES THE DATA CENTRE

Gartner lists *"software-defined applications and infrastructure"* as a top 10 strategic technology trend for 2015.

HCI BEYOND 2017

HCI is currently seen as the modern breakthrough which will bring the web-scale ideal to ordinary businesses

Gartner predicts HCI Will make up 24% of Integrated Systems market by 2019

HCI condenses servers, storage and SANs into a single box, all supported by a single vendor and lays the foundations for the Hybrid Cloud

Wikibon predicts enterprise cloud spending is growing at a 16% compound annual growth (CAGR) run rate between 2016 and 2026

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