LIQUIDTECHNOLOGY

EMERGING TRENDS AND TECHNOLOGIES

NEW TECHNOLOGIES SHAPING THE DATA CENTER FRONTIER

1. Machine Learning is changing the face of the data center

2. The Virtual Reality Future: Bigger Pipes, More Data Centers

3. The Internet of Things may create a new breed of data centers
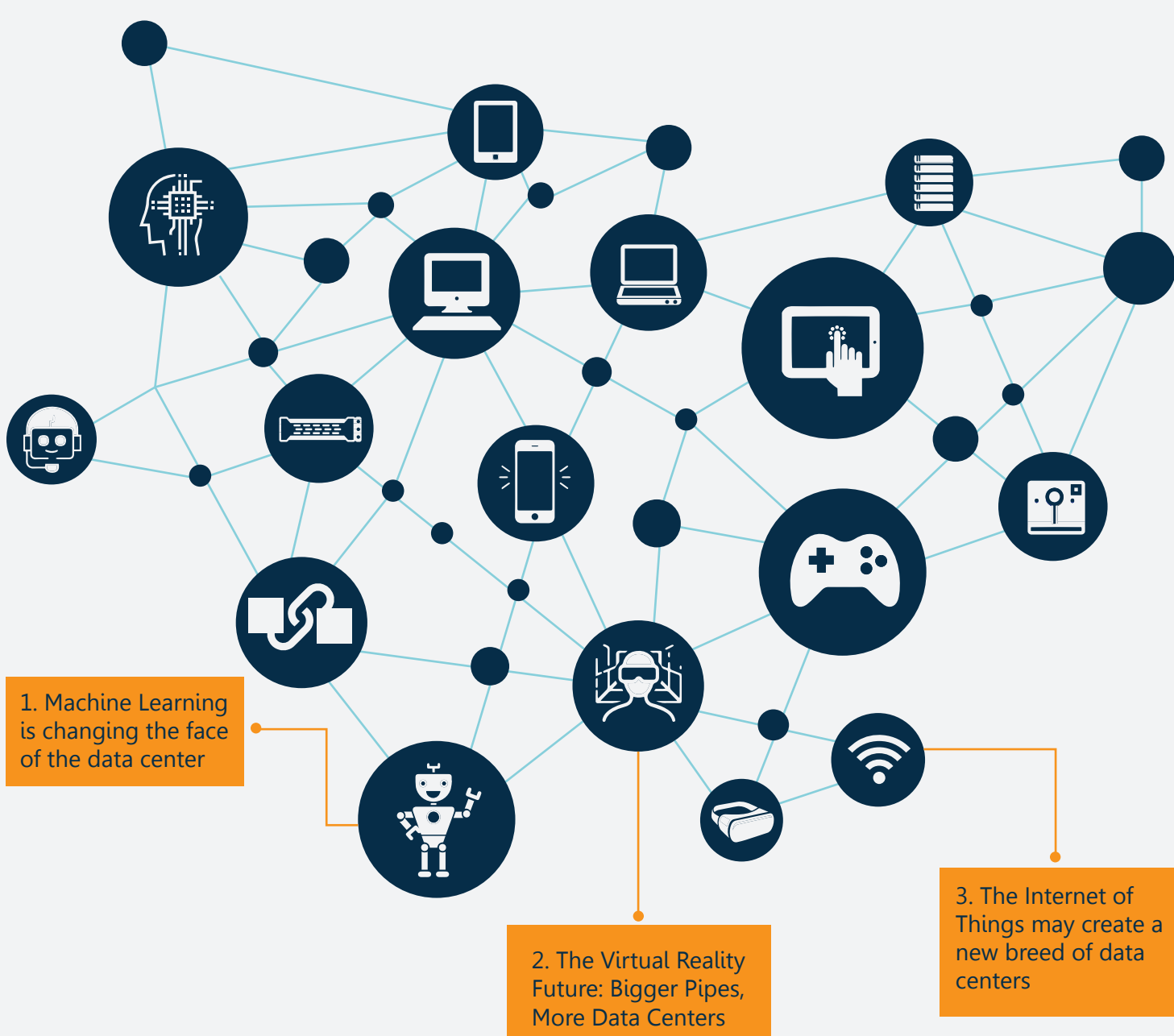
RECENT TECHNOLOGY TRENDS

1. Hyperconvergence

Hyperconvergence is an IT framework that combines storage, computing and networking into a single system in an effort to reduce data center complexity and increase scalability.

The largest segment of software-defined storage is hyper-converged infrastructure (HCI), which forecasts to hit

$7.15 billion

in 2021, according to research firm IDC.

2. Digital Twin

37.87%

is the expected compound annual growth rate of the digital twin market in 2023.

A digital twin is a virtual model of a process, product or service. This pairing of the virtual and physical worlds allows analysis of data and monitoring of systems to head off problems before they even occur, prevent downtime, develop new opportunities and even plan for the future by using simulations.

3. Augmented reality, Vitural Reality & Mixed Reality

According to a report by Bill Meisel of TMA Associates and editor of LUI News, by 2020 the conversational user interfaces such as digital virtual assistants and chatbots will lead to a **$600 billion market**
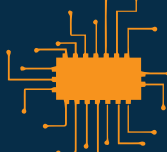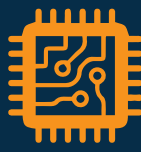
20%

of large-enterprise businesses will evaluate and adopt AR, VR and mixed reality solutions by 2019, according to Brian Blau, research vice president at Gartner.

GARTNER'S TOP 10 STRATEGIC TECHNOLOGY TRENDS IN 2018

1 AI foundation	Intelligent apps and analytics 2
3 Intelligent things	Digital twins 4
5 Cloud to the Edge	Conversational Platform 6
7 Immersive experience	Blockchain 8
9 Event-Driven	Continuous Adaptive Risk and Trust 10

The infomation about "New Technologies shaping datacenter frontier" is from datacenterfrontier.com, datacenterfrontier.com/new-technologies-shape-data-center-frontier/

Sources:
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