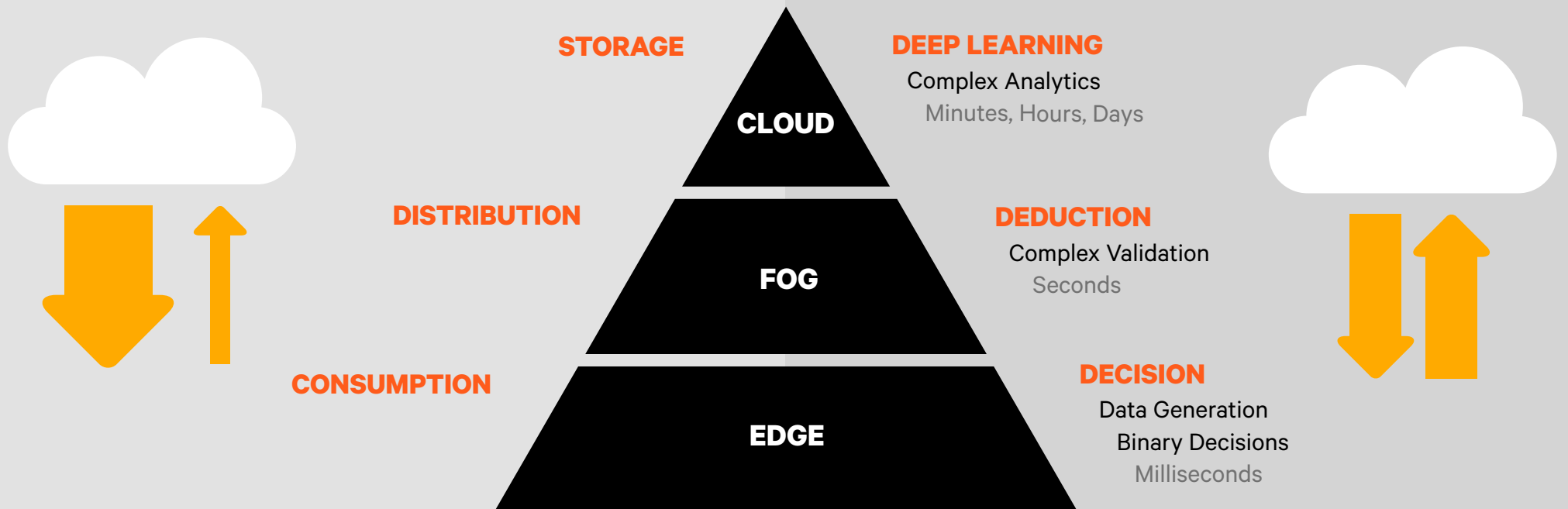


The digital world is changing how we live and do business... and vice versa.

**CURRENT STATE**  
DATA MEETS CONSUMPTION  
EDGE TODAY

**FUTURE STATE**  
DATA MEETS THINGS  
EDGE TOMORROW



There will be 29.3 billion networked devices by 2023.

We identified the top 24 use cases, based on projected growth, criticality and financial impact. These cases were analyzed for common characteristics such as Bandwidth, Latency, Availability and Security, and were categorized into one of 4 archetypes.

**4 EDGE ARCHETYPES**

DATA INTENSIVE	MACHINE TO MACHINE LATENCY SENSITIVE	LIFE CRITICAL	HUMAN LATENCY SENSITIVE
<p><b>1010101</b> <b>1101010</b> <b>1010101</b></p> <ul style="list-style-type: none"> <li>● Restricted Connectivity</li> <li>● Smart Cities</li> <li>● Smart Factories</li> <li>● Smart Home/Building</li> <li>● HD Content Distribution</li> <li>● High-Performance Computing</li> <li>● Virtual Reality</li> <li>● Oil and Gas Digitization</li> <li>● High Network Infrastructure Costs</li> </ul>	<ul style="list-style-type: none"> <li>● Smart Security</li> <li>● Smart Grid</li> <li>● Low-Latency Content Distribution</li> <li>● Arbitrage Market</li> <li>● Real-time Analytics</li> <li>● Defense force simulation</li> </ul>	<ul style="list-style-type: none"> <li>● Digital Health</li> <li>● Connected/ Autonomous Cars</li> <li>● Drones</li> <li>● Smart Transportation</li> <li>● Autonomous Robots</li> </ul>	<ul style="list-style-type: none"> <li>● Web Site Optimization</li> <li>● Augmented Reality</li> <li>● Smart Retail</li> <li>● Natural Language Processing</li> </ul>

<b>BANDWIDTH</b>	<b>LATENCY</b>	<b>LATENCY</b>	<b>BANDWIDTH</b>	<b>LATENCY</b>	<b>BANDWIDTH</b>	<b>LATENCY</b>	<b>BANDWIDTH</b>
<b>AVAILABILITY</b>	<b>SECURITY</b>		<b>AVAILABILITY</b>	<b>AVAILABILITY</b>		<b>AVAILABILITY</b>	
			<b>SECURITY</b>	<b>SECURITY</b>		<b>SECURITY</b>	

● High Need    ● Medium Need

Vertiv is building on this initial archetype work to define specific technology requirements and configurations for each archetype. Stay tuned for more at [Vertiv.com/Edge](https://www.vertiv.com/Edge).

<sup>1</sup> Cisco Visual Networking Index

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