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.

**DATA INTENSIVE**
- Restricted Connectivity
- Smart Cities
- Smart Home/Building
- HD Content Distribution
- High-Performance Computing
- Virtual Reality
- Oil and Gas Digitization
- High Network Infrastructure Costs

**MACHINE TO MACHINE LATENCY SENSITIVE**
- Smart Security
- Smart Grid
- Low-Latency Content Distribution
- Arbitrage Market
- Real-time Analytics
- Defense force simulation

**LIFE CRITICAL**
- Digital Health
- Connected/ Autonomous Cars
- Drones
- Smart Transportation
- Autonomous Robots

**HUMAN LATENCY SENSITIVE**
- Web Site Optimization
- Augmented Reality
- Smart Retail
- Natural Language Processing

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.