

EDGE DATA CENTERS



Problem

Edge data centers are becoming increasingly important as more and more latency-sensitive applications are developed. **The global 5G infrastructure market** size was valued at **USD 371.4** Million in 2017 and is projected to reach **USD 58.174** Billion by 2025, growing at a CAGR of **95.8%** from 2018 to 2025.



5G and Gaming are just two of the latency-sensitive applications that are driving the proliferation of edge data centers. As the only way to deliver data within the tight latency requirements, edge Data Centers must be positioned closer to the data users and are often deployed close to mobile towers or within local exchanges.



With edge Data Centers looking to exceed the number of traditional Data Centers by several orders of magnitude, they have to be deployed as 'lights-out' installations to keep costs manageable. Like any Data Center, there is a requirement for physical adds, changes, and deletions on an ongoing basis that can only be delivered cost-effectively with remote automation of the physical layer.



Edge Data Center Market

size exceeded **USD 5.5** billion in 2019 and is poised to grow at a **CAGR of 23%** between 2020 and 2026. Managing an edge data center can be a difficult and time-consuming task, especially if you're not familiar with the technology involved. This has given rise to organizations struggling with the management and upkeep of these facilities.



Solution

Fibersmart's robotic automation solution delivers full remote management, connectivity auditing, and a fail-safe method of providing full physical layer automation. This allows businesses to deploy and manage edge data centers quickly and easily, without sacrificing performance or reliability.

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