

RIVO MULTITRADE OPTICAL SYSTEMS

Waterproof Edge Data Center in Greece



Overview

Greece Data Centers Data Centers in Greece - List of Colocation and Cloud data facilities in Greece. Get Quotes and find Specs, Photos, Videos etc. Greece.

Key Takeaways

Greece hosts advanced edge data centers with resilient, low-water-use designs and high-performance construction materials, including Microsoft's Attica facility and TITAN Group's specialized concrete solutions. Microsoft Edge Data Center in Attica

Microsoft is building a datacenter in the Attica region designed for sustainability and operational resilience. The facility uses direct evaporative cooling, which minimizes water usage, requiring water for cooling less than 15% of the year . This approach reduces dependency on local water resources while maintaining efficient thermal management. The datacenter also incorporates noise and light reduction, ecological restoration, and strict supplier compliance with environmental regulations, reflecting a commitment to sustainable and community-friendly operations . Once operational, the facility will employ approximately 50 staff per building, supporting both local employment and digital infrastructure growth .

TITAN Group Construction Solutions



TITAN Group provides high-performance, low-carbon concrete solutions for data centers in Greece, including their “TITAN Edge” line and the Velter™ product . These materials are engineered to meet structural, thermal, and environmental requirements of large-scale digital infrastructure, ensuring durability and resilience against environmental stressors such as water exposure. TITAN's solutions leverage AI-enabled mix optimization and vertical integration, enabling rapid construction while maintaining high durability and low-carbon standards . Their technologies, including meca®-clay for lower-clinker cement production, support sustainable and resilient data center construction in Greece .

Greece Data Center Market Overview

Greece has a growing colocation and cloud data center market, with over 30 facilities operated by multiple providers . Athens serves as a key hub due to its strategic location, connectivity to international subsea cables, and skilled workforce, making it ideal for edge computing deployments . Data centers in Greece are equipped with redundant power systems, advanced security, and compliance measures, ensuring reliable operations even under environmental challenges .

Key Takeaways

- Water-efficient cooling: Microsoft's Attica datacenter uses direct evaporative cooling to minimize water use.
- Resilient construction: TITAN Group provides concrete solutions designed for durability and environmental resilience.
- Strategic location: Greece's connectivity and regulatory environment support secure, low-latency edge computing.
- Sustainability focus: Both operators emphasize low-carbon, water-positive, and environmentally responsible practices. These developments make Greece a promising location for waterproof and resilient edge data centers, combining advanced construction materials, sustainable operations, and strategic connectivity for cloud and edge computing services.

Article Content

Greece Data Centers | Colocation Data Centers in Greece

Athens is home to many the upcoming data centers in Greece, with more than 300 MW of total IT power capacity. Italia Telecom

Greece Existing & Upcoming Data Center Portfolio

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

