

Edge-Core's 10G Ethernet switch enables smooth, precise data flow

There is a growing global need for companies to manage their data more effectively. The role of data warehousing, as a concept within the business intelligence framework, is important to business operations. Decision makers are scrutinising technology to invest in solutions that will safeguard the integrity of information and ease the flow of data between operational systems and users.

Service providers and suppliers within the network solution development and application space, such as Edge-Core Networks, have specialised offerings and the necessary expertise to meet this need.

Edge-Core Networks is an established international provider of networking solutions and services.

The company serves as a trusted provider of data warehouse solutions, as part of an extensive portfolio, and advisor to a growing international client base.

Management want to expose clients to benefits of its knowledge of data warehousing and the products that have emerged from the application of this market understanding.

The objective is that clients secure competitive advantage by acquiring benefits such as a centralised view of data across the enterprise, data integrity and restructuring.

To this end Edge-Core Networks has released the ECS5510-48S 10Gigabit Ethernet Layer 2 Switch. This solution is targeted at medium to large data centres and is ideally suited for converged Ethernet application.

"This is a high density switch adds substantial value to areas such as ten gigabit Ethernet traffic aggregation and fibre channel over Ethernet storage interconnection, for example," says Paul Luff, Edge-Core Networks Corporation.

The solution features forty eight 10G SFP+ interfaces which offers unparalleled switching capacity, making it an ideal solution for medium to large-sized data centres.

Capacity is a factor within networking and network expansion says Luff. He mentions that the switch is capable of 960 Gigabits per second of network throughput, which means it can support the demand for bandwidth brought on by server virtualisation.

Reliability in connectivity and continuous availability remain considerations as far as data warehouse infrastructure and application is concerned. The ECS5510-48S incorporates dual hot-swappable power supplies which enable the system to continue operation even in the event of a single power supply

failure.

To ensure longevity, the ECS5510-48S employs data center-friendly front to back cooling, dissipating unwanted heat efficiently and effectively.

With Ethernet fast becoming the de facto standard for the interconnection of data center devices, the ECS5510-48S is designed to overcome the challenges of a high-traffic-load environment, ensuring that traffic flows smoothly through the network without delay.

“The importance of data warehousing infrastructure and understanding of this environment has become critical to business development. Within the South African context, the relevance of this latest switch technology is clear and will certainly add value,” adds Luff.

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About Edge-Core Networks Corporation

Edge-Core Networks Corporation is a professional networking solution provider offering a complete range of enterprise-level and service provider/carrier Ethernet networking equipment and services to partners around the world. Edge-Core was spun-off from the Accton Technology Group into an independent subsidiary in 2010. SMC Networks, a leading provider of LAN/connectivity devices, is a brand division of Edge-Core Networks focused on the SOHO market segment. This year SMC celebrates its 40th anniversary as a cutting edge, technology pioneer."

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About SMC Networks

SMC Networks is a leading provider of LAN hardware and broadband connectivity devices.

Globally, SMC Networks leverages manufacturing resources and strategic relationships to bring to market a growing range of affordable, leading-edge products; including Gigabit and Fast Ethernet Switching, Wireless networking, Broadband connectivity products as well as traditional wired network adapters.

SMC Networks specialises in solutions for the SMB/e, and the home. Worldwide, SMC delivers network solutions through an infrastructure of VAR partners, ISPs and retailers.

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