

Raptor Networks Technology Achieves First-to-Market Advantage

Network Infrastructure Company Frees Time for Product Differentiation with Wind River's VxWorks

Information access is one of today's major business applications, and new demands from various departments can stress the corporate backbone. In addition, 95 percent of networks (single data type) were not built for today's new video services, voice over Internet Protocol (VoIP), and storage network applications. This changing landscape drives the need for significant technology refreshes, creating a market opportunity for network technology providers.

Raptor Networks Technology understands this opportunity. With its new Ether-Raptor line of Ethernet switching components—Ether Raptor-1010 (ER-1010)—the company offers a unique, updated approach to backbone design. Using this technology, companies can replace legacy technologies such as asynchronous transfer mode (ATM) or fiber distributed data interface (FDDI). They can support high-bandwidth requirements for video, VoIP, Storage Area Network (SAN), and other applications without degrading the corporate backbone. By allowing companies to expand the backbone as needed to meet increased growth, Raptor's solution is also cost-effective.

Wind River Enables Aggressive Go-to-Market Plan

Behind Raptor's groundbreaking distributed switch is Wind River's industry-leading device software. When Raptor set out to build the ER-1010, it made a strategic decision to use Wind River General Purpose Platform, Linux Edition, and engage with Wind River Professional Services.

Raptor wanted to engage with a commercial vendor that could also provide unmatched industry expertise. As a result, the company could focus on its value-added development to deliver an innovative, high-value product to market.

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— Ananda Perera, Chief Technology Officer, Raptor Networks Technology

Company Profile: Raptor Networks Technology

- Provides standards-based, patent-pending switching technologies
- Modular technologies target networks with newer applications such as video, VoIP, storage networks, and other high-bandwidth network applications
- Headquarters in Santa Ana, CA

Industry

- Networking

Solutions

- Wind River General Purpose Platform, VxWorks Edition
- Wind River Professional Services

Results

- Breakthrough, reliable Ether Raptor-1010
- Low development costs
- Ability to focus on innovation
- First-to-market advantage

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"Wind River provided the foundational technologies and services we required to optimize the device software development process," says Ananda Perera, Chief Technology Officer at Raptor. "This allowed us to focus our energies on adding the innovative features and functionality that make the Ether Raptor-1010 a standout product in the networking marketplace."

Raptor relied on the industry's most widely deployed operating system (OS) for device software, VxWorks, to build its solution. The platform, combined with Wind River Professional Services, offered Raptor's development team a head start on product development, allowing them to add features that put this product ahead of the competition. Raptor developed the switch in just 14 months, instead of the more typical three years for this type of project—meeting an aggressive go-to-market schedule for a breakthrough networking device.

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The End Result: A Dynamic, Differentiated Product

The ER-1010 takes the distributed switch to new heights, enabling dynamic failover and rerouting for data lines for applications such as video, VoIP, storage networks, and other high-bandwidth network applications. With its distributed network switching technology, the ER-1010 enables companies to upgrade networks with switches to provide more advanced management of new networking applications.

With Wind River solutions as its foundation, Raptor could focus on innovation, creating a distributed switch with data transport at the equipment's maximum speed. The ER-1010 is also the highest-density 10-gigabit wire-speed offering on the market, with the versatility to run the most advanced new data applications cost-effectively.

As part of Raptor's launch of the ER-1010 product, the company presented Wind River with its Strategic Partner award. This recognized Wind River's status as one of Raptor's strategic suppliers, and underscored the company's commitment to innovation.

Learn More



For additional information about these products, visit:

www.raptor-networks.com

www.windriver.com

WIND RIVER

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