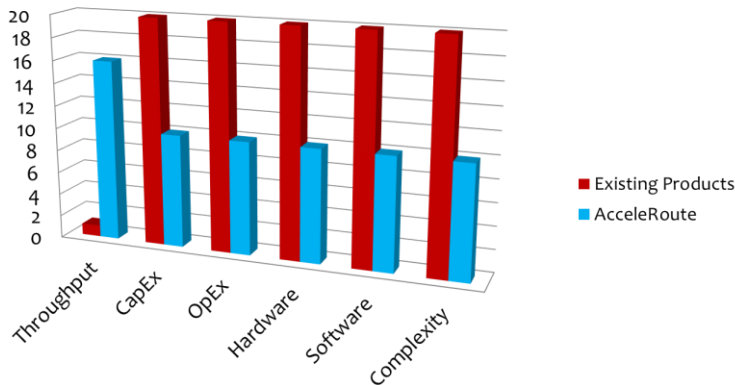


Introduction and Background

AcceleRoute™ is a new high performance green routing-switching architecture for data centers and networks of global coverage, scalable to 80 petabits per second (80 Pb/s) for a data centre application and over 1000 Pb/s for a global-coverage network. Realization of the architecture may be based mostly on conventional COTS (current-off-the-shelf) components. The architecture is disclosed in a portfolio of nine families of granted and pending patents; so far, 30 United States Patent applications have been filed, of which 19 have been granted and 11 are in prosecution. The inventor is credible with over 110 United States issued patents and significant industry experience at Nortel Networks. AcceleRoute addresses the key drivers for data center and global network evolution, with emphasis on performance, throughput and lower energy consumption. AcceleRoute network architecture lends itself easily to software-defined-networking (SDN) implementation.

Results to Date

Various design alternatives have been conceived. In each design, the control data traverses only one hop. In some designs, all of the data traffic traverses one hop. In the remaining designs, the bulk of data traffic traverses only one hop. With routing diversity, network congestion is virtually eliminated. Reduced complexity results in ease of network management, ease of network expansion, high port utilization, reduced power consumption, reduced network cost, and better overall performance.



Key Benefits

- 100% control traffic using 1 hop
- 80% data traffic using 1 hop
- Eliminates routing problems
- Lower power consumption per unit of throughput
- Less network congestion and simpler network management
- High service level at near capacity load (99%)
- Embedded security with fewer interception points
- Easy implementation of SDN
- All buffering is done at the edge nodes

Top Markets

- Large production data centers
- Corporate data centers

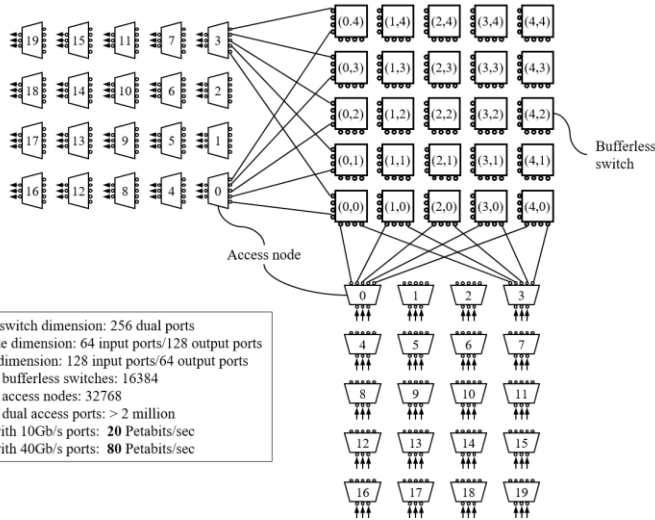
Total Market Potential

Data Center Networking Market www.marketsandmarkets.com	\$21.85 B By 2018
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Value Proposition, Increase in Market Share

1% Market Share	\$218.5M
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**Family-I
Data Center
Application**



Bufferless-switch dimension: 256 dual ports
 Source node dimension: 64 input ports/128 output ports
 Sink node dimension: 128 input ports/64 output ports
 Number of bufferless switches: 16384
 Number of access nodes: 32768
 Number of dual access ports: > 2 million
 Capacity with 10Gb/s ports: **20** Petabits/sec
 Capacity with 40Gb/s ports: **80** Petabits/sec

The Opportunity

We are interested in partnering exclusively with one major company or a consortium. The patents can be purchased but we would prefer a purchase with a modest carried interest in sub-licensing.

The benefits of partnering could include:

- Increased market share, margins, profit and share price with better performing routers-switches at lower cost with high data throughput, virtually absent network congestion, and lower power that is much easier to manage and maintain;
- A huge strategic competitive advantage; and
- Continued collaboration with the inventor resulting in new inventions protected by patents.

For more information contact InventionShare:

Keith Taylor, Vice President of Acquisitions and Licensing

ktaylor@inventionshare.com

613-225-7236 x105

Intellectual Property

Trade Secrets	Yes
Patents & Patents Pending	Yes
Copyright (Methodology & Education)	Yes
Trademarks	Yes
Software (simulation)	Yes



AcceleRoute™

LIGHTNING FAST GREEN DATA CENTERS



InventionShare™ is the exclusive global agency for the licensing or acquisition of AcceleRoute' Inventions