

# ShareStreams Industry Products Addendum

## 1.0 Introduction

This addendum is used with papers and reports pertaining to the ShareStreams research project at the College of Computing, Georgia Tech. This addendum lists company products and web URLs for their location. These products were either used in the ShareStreams research effort or they were compared with during performance evaluation.

## 2.0 Company Product and Web URLs

1) \bibitem{10gea}  
``10 gigabit ethernet alliance - <http://www.10gea.org>."

This site contains information of the 10Gbps Ethernet standard along with supporting draft proposals and documents. Also the site provides updated information on progress of 10GEA interoperability among vendors.

2) \bibitem{alteon}  
``Alteon web systems, <http://www.alteonwebsites.com>."

This site contains information on Alteon NIs and switches. This company was acquired by Nortel Networks.

3) \bibitem{apache\_web}  
``Apache software foundation, apache http server project,  
<http://www.apache.org/httpd.html>."

The apache effort with software, papers and performance evaluation. Useful tips and FAQs also provided here.

4) \bibitem{celoxica}  
``Celoxica rc 1000 (virtex 1000) pci card,  
<http://www.celoxica.com/products/boards/index.htm>."

The Celoxica FPGA PCI card used in the dissertation. Contains driver code, FAQs and installation help.

5) \bibitem{gsr12000}  
``Cisco gsr 12000 router, <http://www.cisco.com>."

Detailed specs, information, whitepapers, datasheets and performance numbers for the GSR12000 routers and switch line-cards.

6) \bibitem{cypress}  
``Cypress semiconductor srams, <http://www.cypress.com>."  
Detailed specs and datasheets on Cypress synchronous and asynchronous SRAMs.

7) \bibitem{gilder}

``George gilder, Gilder's Laws of the Telecosm, <http://www.gildertech.com>."

Detailed specs, information, whitepapers, datasheets and performance numbers for the GSR12000 routers and switch line-cards.

8) \bibitem{i960\_web}

``i2O intel page, <http://www.developer.intel.com/iio>."

Specs and datasheets on different i960 I2O cards and products. This is update regularly and an archive for old products is also maintained.

9) \bibitem{I2O\_web}

``i2o special interest group,  
[www.i2osig.org/architecture/techback98.html](http://www.i2osig.org/architecture/techback98.html)."

The products are mostly used in server products and new network processors. Likely to be superseded by other standards very rapidly.

10) \bibitem{idt}

``Idt srams, <http://www.idt.com>."

Asynchronous IDT SRAMs.

11) \bibitem{diffserv}

``Ietf diffserv working group,  
<http://www.ietf.org/charter.html/diffserver-charter.html>."

Most up-to-date source of IETF RFCs pertaining to DiffServ and other standards.

12) \bibitem{infiniband}

``Infiniband trade association, <http://www.infinibandta.org>."

Cluster interconnect for servers, likely to grow in popularity.

13) \bibitem{ihpcl}

``Intel hi-performance computing lab - <http://www.cc.gatech.edu/ihpcl/>."

A GA Tech research effort. The site is updated regularly.

14) \bibitem{ixp1200}

``Intel ixp 1200 web site, "<http://www.intel.com/design/network/products/>"."

Intel's flagship network processor. Likely to be a dominant player in the communications interface business.

15) \bibitem{microsoft}

``Microsoft windows 2000 - <http://www.microsoft.com>."

Remarkable real-time and predictability features in this Operating System. The site has many more specs and whitepapers.

16) \bitem{Solaris\_web}

``Solaris on-line documentation, <http://www.docs.sun.com>."

Extremely well-documented and navigable web-site for Sun software and hardware products.

17) \bitem{teracross}

``Teracross queuing and scheduling chips, <http://www.teracross.com>."

Upstart trying to create a splash in the market. Was not a high profile player as of 4/5/2003.

18) \bitem{triscend}

``Triscend systems-on-a-chip solutions "<http://www.triscend.com>"."

Upstart trying to make a splash in the market. Was not a dominant player as of 4/5/2003.

19) \bitem{xilinx}

``Xilinx, <http://www.xilinx.com>."

Major reconfigurable logic player. Company to watch for as the applications for logic keep expanding beyond glue logic, telecom, wireless and DSP.

20) \bitem{xpro}

``Xilinx virtex i and virtex ii fpga platform solutions,  
<http://www.xilinx.com>.'

Flagship Xilinx products as of 4/5/2003.