

ADARA introduces Comet Series; the ADARA Networks Comet Series accelerates traffic to unsurpassable rates of speed.

ADARA Comet has arrived; delivers Affirmative Service Delivery Guarantees absent in Software Defined Networking



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SAN JOSE, CA --(09/17/2012)- [ADARA Networks](#), the leading provider of advanced Computing and Networking products, has announced ADARA Comet Series Virtual and Physical Networking Platform.

ADARA Comet is the answer to one of the most frequent complaints regarding Software Defined Networking (SDN); the inability of Virtual Networking and Computing to offer Affirmative Service Guarantees, critical in the face of higher transactional volume and speed.

ADARA Comet abstracts and solves the fundamental limitations of the Transmission Control Protocol (TCP); which is one of the core protocols of the Internet Protocol Suite, and is one of the two original components of the suite, along with the Internet Protocol (IP); the entire suite is commonly referred to as TCP/IP. TCP is so ubiquitous, it is used in both the Data and Control Channel for TCP-based services, and it is used in the Control Channel for non-TCP based services such as UDP. UDP is utilized in VoIP and other applications.

ADARA Comet was created to satisfy customer demand for a solution that delivers universal value added benefits. Comet solves the issues of TCP that other purpose built devices, operating system improvements and middleware boxes do not solve, making these products optional. These approaches utilize compression, de-duplication, window scaling, connection multiplexing and other approaches which attack the isolated symptoms but do not solve the problems which are fundamental to TCP functionality, and have existed since the protocol was first created nearly forty years ago.

ADARA Comet directly solves these longstanding issues.

Full Domestic and International Patent Protections have been granted for the technology.

Comet compliments the ADARA Sirius Series and extends static TE technologies like MPLS. Comet is transparent and requires Zero Configuration in an immediately deployable platform. Comet enables customers to reach "theoretical optimal" in service velocity; approaching Speed-Of-Light levels of performance, and Full Line Rate Performance for any service.

Comet Value Added Benefits include:

- Tangible Significant Continual Return on Investment (ROI)
- Unsurpassable rates of speed
- Flow Level Granularity
- Improved Security
- Enhanced Availability

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- Scaled Bandwidth
- Industry leading Quality of Service (QoS)
- Amplified Network Capacity
- Increased Scaled Server and System Capacity
- Accelerated Transaction Rates and Increased Transaction Volumes
- Increased Revenues
- Reduced Expenses
- Leverages and Enhances existing IT - enables your IT to pay a “Dividend”
- Enables new services, supports all current services

Comet is available as a standalone product or as part of the ADARA Constellation Series.

ADARA has made this industry leading platform available to the United States Commercial Market through Tech Data and its channel of over 60,000 US Resellers.

ADARA Comet Series operate both in the Control Plane and the Data Plane.

Comet is right-sized for any customer environment, and is available in two form factors:

- Software only for a Fully Virtualized Software Solution
- Software on either Purpose- built or 3rd Party COTS Appliances (x86 or MIPS)

ADARA Comet is available as a standalone product, or as part of the ADARA Constellation Series. Comet was created as one of the key missing pieces of Software Defined Networking; abstraction and management of TCP; the building block of all Computing and Networking.

ADARA Comet on x86 platforms enables Virtual Machining for Computation and Networking directly upon the Comet platform; unavailable in legacy network routers, switches, load balancers and middleware boxes.

Comet enables Enterprises of all sizes in all industries to positively impact Net Profitability.

Comet Series are critical solutions for Data Centers and Networks. The increasing utilization of Virtual Machining and Virtual Networking for High Performance Computing requires the state of the art in abstraction of the fundamentals underlying all Virtual and Physical Computing and Networking.

ADARA Comet; the Affirmative Service Guarantee.

For more information, please visit: <http://www.adaranetworks.com>.