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**Array TMX Series Application Accelerators greatly improve the availability, performance, and security of enterprise applications and Web sites while reducing cost and complexity in the data center.** A front-end offload solution for both Web and application servers, the Array TMX represents the next generation of server load balancing and traffic management, delivering tightly integrated, essential networking functions in a single powerful system.

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## ■ Guaranteed Availability

TMX Series systems provide full server load balancing and content switching functionality with granular traffic control based on customizable layer 4-7 rules. Extensive application health checking directs connections past inactive and overburdened servers, reestablishing connections as conditions permit. Integrated link load balancing, global server load balancing, N+1 clustering, and dual power guarantee business continuity for applications and services where downtime directly impacts your bottom line.

## ■ Breakthrough Performance

Hardware-accelerated SSL encryption, hardware compression, RAM-based Speed-Cache™ and connection multiplexing ensure the fastest, most efficient delivery of Web-based content and applications at wire speed. Benefiting from Array's powerful SpeedStack™ technology, TCP/IP processing and HTTP parsing is performed once and leveraged across all functions to achieve levels of performance simply unattainable with previous generation solutions.

## ■ Uncompromising Security

Array's WebWall™ brings true security to your network. High-performance access control lists (ACL), network address translation (NAT), and stateful packet flow inspection guard not only against unauthorized access and denial-of-service (DoS) attacks, but also against application level attacks typically undetected by less capable solutions. Uncompromising to the core, every Array platform is built on a security-hardened operating system that ensures the network is as safe as the traffic it supports.

## ■ Ease of Use and Integration

The Array TMX is simple to install and offers intuitive configuration and management through either the Array Pilot GUI or a familiar command line interface. Using the administration tool kit, network managers can view the status for a wide range of system parameters and enable services on the fly. The Array TMX may be automated using either SNMP or XML-RPC management options, and for ease of integration is engineered to either complement or replace existing network devices.

## Product Highlights

- **Ensures availability for Web sites and Web applications** where downtime impacts business revenue
- **Dramatically improves the end-user experience** for Web content and applications, cutting response times in half or more
- **Increases data center efficiency and server ROI;** boosts server and application capacity by up to ten fold
- **Wire speed inspection of encrypted SSL traffic guards network;** only sanitized requests and data forwarded to servers
- **Reduces cost and complexity;** integrates local and global server load balancing, SSL acceleration, compression, caching, and stateful packet inspection
- **Reverse-proxy SpeedStack™ architecture** separates server-side and client-side connections and eliminates redundant TCP processing for integrated functions
- **All functions intuitively manageable from the Array Pilot GUI,** with up to 32 clustered units configurable as a single system
- **Invest-as-you-grow flexibility** allows you to purchase a solution to meet current requirements and add features as needed without hardware upgrades

## Availability

### Layer 4 Server Load Balancing

- TCP, TCPS, UDP
- Round Robin, Weighted Round Robin, Least Connections, Shortest Response, Persistence IP

### Layer 7 Server Load Balancing

- QoS
- URL
- Hostname
- Cookie
- SOAP
- Arbitrary Header

### Global Server Load Balancing

- DNS DoS protection
- Global site/service selection

### Link Load Balancing

- 128 Links
- Inbound/Outbound
- Health Checks

## Clustering

- Active/Active; Active/Standby
- Configuration Synchronization
- Interoperability with BEA WebLogic Cluster
- App-specific Health Check

## Performance

### SSL Acceleration

- High-performance hardware-based acceleration
- HTTPS, NNTPS, SMTPS, POPS, IMAPS, LDAPS
- SSL inside for end-to-end security
- Full certificate management features

### Loss-less Compression

- Hardware-based
- Inline HTTP
- Text
- HTML
- XML
- DOC
- Java Scripts
- Cascading Style Sheets
- PDF

## High-Performance Caching

- Memory-based
- Fully-compliant with HTTP 1.1 Specs

## TCP Acceleration

- Connection Multiplexing
- TCP Buffering
- Client Connection Persistence

## Security

### Server Security

- Full proxy-based firewall
- Safeguard servers from network attacks
- TCP Syn-flood protection
- Flash event protection
- Full DoS protection
- URL Filtering

### Network Security

- Full stateful packet inspection firewall
- Over 1000 ACL rules without performance degradation

## Network Address Translation

- Static translation
- Port-based translation

## Ease of Use & Integration

- Cisco IOS Inspired CLI Interface
- Secure SSH Remote Network Management
- Secure WebUI Access
- XML-RPC Remote Management Support
- SNMP V2c and Private MIBs
- Syslog (UDP or TCP)
- Simple Initial Setup Support
- Administrator Account Management
- CLI Command-Based Monitoring Feature
- Notification/Alerting System w/Paging Feature
- Multiple Configuration Support
- Multiple Units Configuration Synchronization Support
- On-line Troubleshooting Support
- Real-Time Monitoring Graphs Support
- Log Message Manual

	TMX1100	TMX2000	TMX3000	TMX5000
<b>Memory</b>	512MB	1GB	4GB	4GB
<b>I/O Configuration</b>	Fixed: 2 10/100	Fixed: 2 10/100/1000	Up to 6 Ports: Supports 6 10/100/1000 Supports 2 1000 Base-SX	Up to 6 Ports: Supports 6 10/100/1000 Supports 6 1000 Base-SX
<b>Clustering</b>	2	32	32	32
<b>Form Factor</b>	1U	1U	1U	3U
<b>Power Supply</b>	Single	Single	Single	Dual

## Technical Specifications

Support	Bronze, Silver, Gold & Platinum Level Support Plans
Warranty	1 Year Hardware; 90 Day Software
1100 Standards	10/100 Base-TX, IP, SSH, HTTP 1.0/1.1, SSL, SNMP
2000/3000/5000 Standards	10/100 Base-TX, 1000 Base-T, 1000 Base-SX, IP, SSH, HTTP 1.0/1.1, SSL, SNMP
Management	SSH CLI, Direct Console CLI, SNMP, Single Console per Cluster, XML-RPC
Console port	Male DB9 Serial (RS232) Port
Dimensions	Standard 19" Rack Mountable 1100/2000/3000: 17" (W) x 15" (D) x 1.75" (H) or 1RU 5000: 17" (W) x 23.5" (D) x 5.25" (H) or 3RU
Weight	1100/2000/3000: 14 lbs.; 5000: 36.5 lbs.
Environmental	Operating Temperature: 0° to 40°C Humidity: 0% to 90%, Non-condensing Power (1100/2000/3000): 100-240VAC, 8-4 A, 63-47Hz, Auto-ranging Power (5000): 100-240VAC, 6 A, 50-60Hz, Auto-ranging, Redundant, Hot Swappable
Regulatory compliance	Emissions: FCC, ICES, VCCI, MIC, BSMI, AS/NZS 3548, EN 55022, EN 55024 Class A, EN 60950, UL 1950, CAN/CSA 950, NOM
Safety	CSA, CE, UL

