

Solera Networks  
DS Storage  
Appliance



The Solera DS Storage™ appliance is for organizations that require complete network packet capture and storage on the most demanding networks. In many cases, these organizations need to capture very large windows of time, or network traffic – multiple terabytes of traffic, equating to days, months, even years of storage, depending on traffic speeds. Combined with either the DS 3150 or 5150, the DS Storage appliance provides scalability of up to 576 TB of available storage.

DS STORAGE

**STORAGE CAPACITY:**  
24 TB

**APPLIANCE SIZE:**  
4U 19" Rackmount  
Actual 17.2"(W) x 26" (D) x 7"(H)  
75 lbs (34.0 kg)

**POWER:**  
2 900W AC Power Supply with PFC  
Voltage is 100-240 VAC at 50/60Hz  
11-4.5 Amp

**REGULATORY:**  
FCC, CE, TUV, EN, UL, CUL,  
CCC, IEC, ROHS 5/6

**FEATURES:**  
Expand Solera DS capture window  
Additional storage, up to 576 TB  
Days, weeks, months of capture  
Fault tolerant configurations available

COMPREHENSIVE NETWORK RECORDING AND STREAM-TO-STORAGE

Solera Networks DS capture appliances provides complete network visibility by capturing and storing an unabridged record of all network traffic, including all transactions, protocols, packets and payloads – even on today’s fastest networks. Only Solera DS appliances capture at speeds up to full 10Gbps, as certified by Miercom™ independent testing. This record provides IT security professionals with Total Network Recall™ of all network activities, allowing you to go back in time and find the root cause of any network problem, anomaly, or security issue.

Solera Networks’ proprietary file system allows you to add DS Storage appliances, each with 24 TB of storage, to a DS 3150 or DS 5150 to increase the network traffic capture window and provide much larger windows of network traffic data for search, replay, and analysis. With Solera DS Storage, this extend-and-expand approach can accommodate up to 24 units or a total of 576 terabytes of storage.

SAMPLE CAPTURE WINDOWS

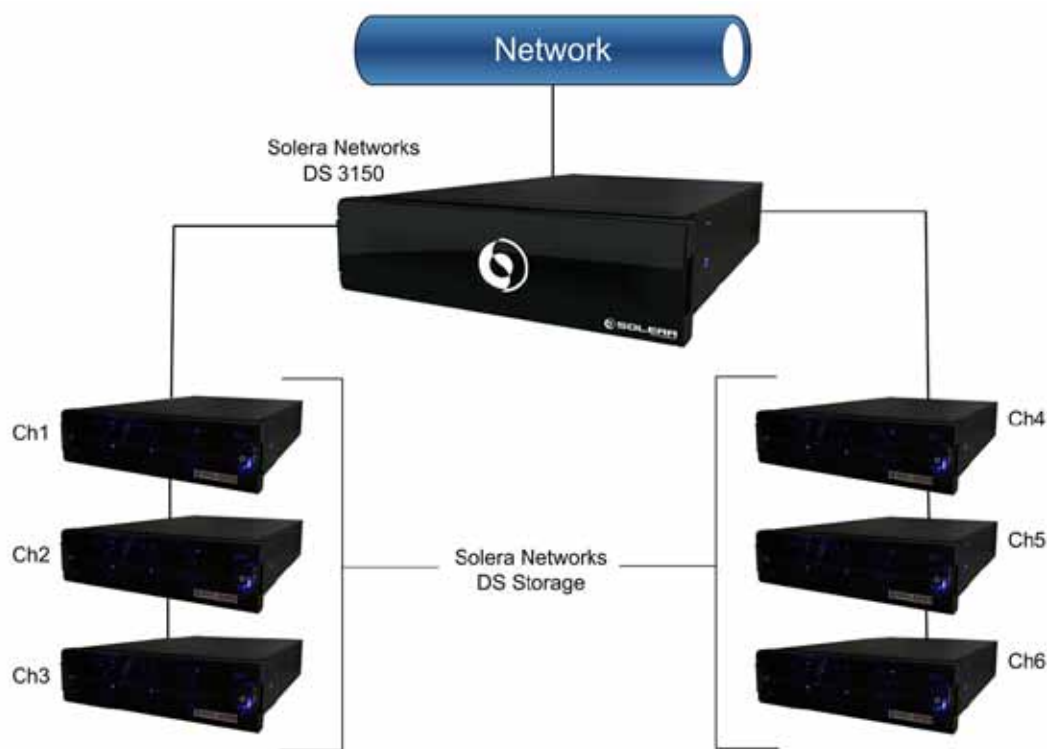
Model	Onboard Storage	Network Interface Speeds at Average Utilization (50% saturation)					
		10Mbps	100Mbps	1Gbps	2Gbps	5Gbps	10Gbps
5150 + 3 DS Storage Appliances	88TB	1669	166	16.9	8.9	3.4	1.7

capacity assumes 50% saturation of line speeds, displayed in days

Combined with Solera DS capture appliances, Solera DS Storage provides a comprehensive record of network activity and effectively gives your network a memory, regardless of network speed or required window of capture. Having a complete, lossless record of all your data-in-motion is the key to strengthening network security, ensuring compliance, maximizing network performance, and ultimately protecting your company, customers, and employees.

SOLERA NETWORKS—SEE EVERYTHING. KNOW EVERYTHING.

## Sample DS Storage implementation



*\* fault tolerant configurations also available*

### BENEFITS OF A SOLERA NETWORKS SOLUTION

#### IMPROVE NETWORK SECURITY

Network administrators now have comprehensive evidence to better protect against intruders, data leakage, and internal misuse.

#### OPTIMIZE NETWORK PERFORMANCE

Solera Networks appliances provide a complete network record to replay without affecting the production network, allowing detailed analysis to uncover areas of the network that need attention.

#### MAXIMIZE ROI

Competitive pricing and various deployment options allow organizations of all sizes to benefit from deep packet capture and analysis to improve network performance and security.

#### INCREASE OPTIONS

Solera DS appliances work with hundreds of commercial, custom and open source management, analysis and forensic tools to monitor, manage and secure the network.

Contact Solera Networks to see how comprehensive packet capture and playback will make your company more aware, more compliant and more secure.

[www.soleranetworks.com](http://www.soleranetworks.com)

### ROOT CAUSE DISCOVERY FOR:

#### NETWORK SECURITY

Fortify IDS/IPS toolsets  
Enforce network policies  
Identify & record data leakage

#### NETWORK MANAGEMENT

Reduce time to resolution  
Analyze all your traffic  
Reduce inline risk

#### LAWFUL INTERCEPT

Zero network impact  
Plug and play compliance  
Compatible with any LEA request

#### FORENSICS/ANALYTICS

See everything, record everything, and playback everything on the network.

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