














SPP Roadmap (Non-NDA)

April 2013



Seagate Core Portfolio

Desktop	Mobile	2.5" Enterprise	3.5" Enterprise	CE
<p>Desktop HDD Barracuda®</p> 	<p>Laptop SSHD Momentus® XT</p>  <p>Laptop HDD Momentus®</p>  <p>Laptop Thin HDD Momentus® Thin</p> 	<p>Pulsar™ .2 High Endurance MLC</p>  <p>Enterprise Performance 15K HDD Savvio® 15K</p>  <p>Enterprise Performance 10K HDD Savvio® 10K</p>  <p>Enterprise Capacity 2.5 Constellation™</p> 	<p>Cheetah® 15K</p>  <p>Enterprise Capacity 3.5 Constellation™ ES</p>  <p>Enterprise Value Constellation™ CS</p> 	<p>SV35™ Surveillance</p>  <p>Pipeline™ HD Consumer DVRs</p> 

Updates this Month – April 2013

Focus areas by product segment

Desktop	Mobile	2.5" Enterprise	3.5" Enterprise	CE
<p>New 3.5-inch Solid State Hybrid Drive Desktop SSHD 2.0TB - 6Gb/s SATA 64MB ST2000DX001, 1.0TB - 6Gb/s SATA 64MB ST1000DX001. <i>Channel availability in April</i></p>	<p>New 2.5-inch Solid State Hybrid Drives Laptop SSHD 1.0TB – ST1000LM014 - 8GB SSD, 500GB - ST500LM000 - 8GB SSD (Availability in March 2013)</p> <p>Laptop HDD Momentus[®] 7200 (Last Order 5/17/13, Last Ship 6/28/13)</p> <p>Laptop HDD Momentus[®] SED New Last Time Order and Last Time Ship dates: TBD</p> <p>Laptop Thin HDD Momentus[®] Thin 5400RPM Last Order 3/1/13, Last Ship 6/28/13</p>	<p>Pulsar SSD Last Ship 7/26...new models coming in May</p> <p>Enterprise Performance 15K Savvio[®] 15K No Changes</p> <p>Enterprise Performance 10K Savvio[®] 10K New Savvio 10K.6 (6th generation) – Now includes SED feature at no additional cost. Updated Savvio 10K.5 (5th generation) Last Order 6/3/13, Last Ship 8/31/13)</p> <p>Enterprise Capacity 2.5 Constellation[™] No Changes</p>	<p>Cheetah 15K SCSI AVAILABLE THROUGH DECEMBER 2013 pending demand.</p> <p>Enterprise Capacity 3.5 Constellation[™] ES New Constellation ES3 with capacities available up to 4.0TB!</p> <p>Enterprise Value Constellation[™] CS New Constellation CS for replicated data environments like Cloud Bulk Storage - with capacities available up to 3.0TB!</p>	<p>Surveillance HDD No Changes</p> <p>Video 3.5 HDD Added a 3.0TB & 4.0TB</p>

Desktop Roadmap

Family	Apr	May	Jun	Jul	Aug	Sep
Desktop SSHD  	2.0TB - 6Gb/s SATA 64MB ST2000DX001 1.0TB - 6Gb/s SATA 64MB ST1000DX001 <i>Channel availability in April</i>					
Desktop HDD Barracuda 	4.0TB - ST4000DM000 3.0TB - ST3000DM001 2.0TB - ST2000DM001 1.5TB - ST1500DM003 <i>Last Order 5/17, Last Ship 6/28</i> 1.0TB - ST1000DM003 500GB - ST500DM002 320GB - ST320DM000 250GB - ST250DM000					



4.0TB	3.0TB	2.0TB	1.5TB	1.0TB	500GB	320GB	250GB
		✓		✓			
✓	✓	✓	✓	✓	✓	✓	✓



Includes only products that have been publically announced

✓
6Gb
SATA

Consumer Electronic Roadmap





Family	Apr	May	Jun	Jul	Aug	Sep	4.0TB	3.0TB	2.0TB	1.0TB	500GB	320GB	250GB
Surveillance HDD  <p>3.0TB - ST3000VX000 (7200 RPM, 6Gb/s SATA, 64MB cache) 2.0TB - ST2000VX000 (7200 RPM, 6Gb/s SATA, 64MB cache) 1.0TB - ST1000VX000 (7200RPM, 6Gb/s SATA, 64MB cache)</p>								✓	✓	✓			
Video 3.5 HDD Consumer DVR  <p>4.0TB - ST4000VM000 3.0TB - ST3000VM002 2.0TB - ST2000VM003 1.0TB - ST1000VM002 500GB - ST3500312CS 320GB - ST3320311CS 250GB - ST3250312CS</p>							✓	✓	✓	✓	✓	✓	✓



Includes only products that have been publically announced

✓ 6Gb SATA ✓ 3Gb SATA

Mobile Roadmap

Family		Apr	May	Jun	Jul	Aug	Sep
Laptop SSHD Momentus XT SSHD (Hybrid)		1.0TB – ST1000LM014 - 8GB SSD (Availability in March 2013) 500GB – ST500LM000 - 8GB SSD (Availability in March 2013) 750GB – ST750LX003 (Last Order 4/12, Last Ship 5/3/13)					
Laptop HDD Momentus 7200 RPM		750GB – ST9750420AS (Last Order 5/17/13, Last Ship 6/28/13) 500GB – ST9500423AS (Last Order 5/17/13, Last Ship 6/28/13) 320GB – ST320LT007 – 7mm (Last Order 5/17/13, Last Ship 6/28/13) 250GB – ST250LT007 – 7mm (Last Order 5/17/13, Last Ship 6/28/13)					
Transition 7200 to SSHD							
Laptop HDD Momentus SED Self Encrypting Drives		500GB 5400 7mm (FIPS) – ST500LT015 500GB 5400 7mm (SED/OPAL)– ST500LT025 320GB 7200 – ST320LT009 (FIPS) (Last Order 5/17/13, Last Ship 6/28/13) 320GB 7200 – ST320LT014 (SED/OPAL) (Last Order 5/17/13, Last Ship 6/28/13)					
Laptop Thin HDD Momentus Thin		500GB – ST500LT012 (5400) 320GB – ST320LT012 (5400) 320GB – ST320LT020 (5400) Last Order 3/1/13, Last Ship 6/28/13 250GB – ST250LT012 (5400) 250GB – ST250LT003 (5400) Last Order 3/1/13, Last Ship 6/28/13					

1.0TB	750GB	500GB	320GB	250GB
✓	✓	✓		
	✓	✓	✓	✓
		✓	✓	
		✓	✓	✓



Includes only products that have been publically announced



6Gb
SATA



3Gb
SATA

2.5" Enterprise Roadmap

Family	Gen		Apr	May	Jun	Jul	Aug	Sep	
Enterprise Performance 15K Savvio 15K	3		300GB - ST9300653SS 146GB - ST9146853SS						→
Enterprise Performance 10K Savvio10K	5		900GB - ST9900805SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13) 600GB - ST9600205SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13) 450GB - ST9450405SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13) 300GB - ST9300605SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13)						→
	6		900GB - ST900MM0026 (SAS) – SED Included 600GB - ST600MM0026 (SAS) – SED Included 450GB - ST450MM0026 (SAS) – SED Included 300GB - ST300MM0026 (SAS) – SED Included						
Family	Gen		Apr	May	Jun	Jul	Aug	Sep	
Enterprise Capacity 2.5 Constellation	2		1.0TB - ST91000640SS (SAS), ST91000640NS (SATA) 500GB - ST9500620SS (SAS), ST9500620NS(SATA) 250GB - ST9250610NS (SATA)						→





900GB	600GB	450GB	300GB	146GB
			↘	↘
↘	↘	↘	↘	
↘	↘	↘	↘	
1.0TB	500GB	250GB	160GB	
↘	↘	↘		
↘	↘			



↘ 6Gb SATA ↘ SAS 6Gb

Includes only products that have been publicly announced

3.5" Enterprise Roadmap

Family	Gen	Apr	May	Jun	Jul	Aug	Sep	600 GB	450 GB	300 GB	146 GB	73 GB
Cheetah 15K	7	 <p>600GB - ST3600057SS 450GB - ST3450857SS 300GB - ST3300657SS</p> <p>AVAILABLE THROUGH DECEMBER 2013 pending demand.</p>						✓	✓	✓		
Family	Gen	Apr	May	Jun	Jul	Aug	Sep	4.0 TB	3.0 TB	2.0 TB	1.0 TB	500 GB
Enterprise Capacity 3.5 Constellation ES	2	 <p>3.0TB - ST33000650NS / ST33000650SS (SATA / SAS) 2.0TB - ST32000645SS / ST32000645NS (SATA/SAS) 2.0TB - ST2000NM0011 / ST2000NM0001 (6Gb SATA, SAS) 1.0TB - ST1000NM0011 / ST1000NM0001 (6Gb SATA, SAS) 500GB - ST500NM0011 / ST500NM0001 (6Gb SATA, SAS) Last order: 6/28/13, Last Ship 9/27/13</p>							✓	✓	✓	✓
	3	 <p>4.0TB - ST4000NM0033 / ST4000NM0023 (SATA / SAS) 3.0TB - ST3000NM0033 / ST3000NM0023 (SATA / SAS) 2.0TB - ST2000NM0033 / ST2000NM0023 (SATA / SAS) 1.0TB - ST1000NM0033 / ST1000NM0023 (SATA / SAS)</p>						✓	✓	✓	✓	
Enterprise Value Constellation CS	1	 <p>3.0TB - ST3000NC002 / ST3000NC000 [Instant Secure Erase ISE] 2.0TB - ST2000NC001 / ST2000NC000 [Instant Secure Erase ISE] 1.0TB - ST1000NC001 / ST1000NC000 [Instant Secure Erase ISE]</p>						✓	✓	✓		

SED option = Self Encrypting Drive technology (SAS only)






 SATA 6Gb
  SAS 6Gb

Includes only products that have been publically announced

Enterprise SED Roadmap



Family	Gen	Apr	May	Jun	Jul	Aug	Sep	900GB	600GB	450GB	300GB	146GB	73GB	
Enterprise Performance 15K Savvio 15K	3 	→										✓	✓	
		300GB - ST9300553SS (SED) 300GB - ST9300553SS (SED & FIPs) 146GB - ST9146753SS (SED) 146GB - ST9146753SS (SED & FIPs)												
Family	Gen	Apr	May	Jun	Jul	Aug	Sep	4.0TB	3.0TB	2.0TB	1.0TB	500GB	250GB	
Enterprise Capacity 2.5 Constellation	2 	→										✓	✓	✓
		1.0TB - ST91000641SS (SAS, SED) 1.0TB - ST91000642SS (SAS, SED & FIPs) 500GB - ST9500621SS (SAS, SED) 500GB ST9500622SS (SAS, SED & FIPs) 1.0TB - ST91000641NS (SATA, SED) 1.0TB - ST91000642NS (SATA, SED & FIPs) 500GB - ST9500621NS (SATA, SED) 500GB - ST9500622NS (SATA, SED & FIPs) 250GB - ST9250611NS (SATA, SED) 250GB - ST9250612NS (SATA, SED & FIPs)												
Enterprise Capacity 3.5 Constellation ES	2, 3 	→										✓	✓	✓
		4TB - SAS SED/FIPS: ST4000NM0043/ST4000NM0063 4TB - SATA SED/FIPS: ST4000NM0053 / ST4000NM0073 3TB - SAS SED/FIPS: ST3000NM0043/ST3000NM0063 3TB - SATA SED: ST3000NM0053 2TB - SAS SED/FIPS: ST2000NM0043/ST2000NM0063 2TB - SATA SED: ST2000NM0053 1TB - SASSED/FIPS: ST1000NM0043/ST1000NM0063 FIPS, 1TB - SATA SED: ST1000NM0053 SED												



SED / Data Security option requires TCG compliant host or controller support.



6Gb
SATA



SAS
6Gb

Includes only products that have been publically announced

Non-NDA Roadmap April 2013