

# Clarifying Image Scan Claims by e-Image Data

## UPDATE – 10/5/2016

Recently e-Image Data removed their previous comparison scan document (mentioned on page 2) from their website. This was shortly after ST Imaging responded with our document clarifying their misrepresentation of the ST ViewScan III scanning capabilities. Now, once again, e-Image Data has released another document “comparing” scans from each manufacturer’s scanner.

First, e-Image Data claims that ST Imaging “provided” them a scan to use in their document. This is false. ST Imaging did not provide an image to e-Image Data. You will also notice that the quality of scan they claim came from the ST Imaging document is far less quality than the original in the ST Imaging document (you can find that image on the third page of this document).

52-Week			Yld		Sales						
High	Low	Stock	Div	%	P/E	100s	High	Low	Last	Chg	
52.65	36.38	AvalonBay	2.80	7.1	19	2721	39.45	38.91	39.45	+0.31	
12.73	1.12	Avaya	...	...	dd	15720	2.65	2.47	2.57	+0.12	
74.21	48.00	Aventis	.51	e 0.9	...	2103	55.68	54.18	55.68	+1.49	
69.70	52.06	AveryD	1.44	f 2.3	24	5422	63.49	61.17	62.88	+1.80	
14.80	6.01	Aviall	...	...	dd	900	8.20	7.90	8.04	-0.01	
16.60	8.75	Avista	.48	4.1	21	1903	11.89	11.56	11.80	+0.24	
29.24	5.55	Avnet	...	...	dd	5628	11.55	10.83	11.49	+0.66	
57.10	43.49	Avon	.80	1.5	29	11444	54.80	54.11	54.49	+0.62	
25.90	11.00	Aztar	...	...	...	9	2381	14.54	14.10	14.50	+0.22

ViewScan III 14 megapixel camera (Image provided by ST Imaging)

Second, e-Image Data showed an image produced from their own Scan Pro 3000 that shows a much better image than was placed in their original document. How can the same scanner, using the same camera, create such a different image?

### Image from a document dated 3/30/2016:

ScanPro 3000 with 26 megapixel camera

52-Week			Yld		Sales						
High	Low	Stock	Div	%	P/E	100s	High	Low	Last	Chg	
52.65	36.38	AvalonBay	2.80	7.2	18	3474	39.40	38.90	39.14	+0.16	
12.73	1.12	Avaya	...	...	dd	15052	2.48	2.19	2.45	+0.25	
74.21	48.00	Aventis	.51	e 0.9	...	1352	54.25	53.28	54.19	+1.16	
69.70	52.06	AveryD	1.44	f 2.4	23	4051	61.50	60.10	61.08	+0.43	
14.80	6.01	Aviall	...	...	dd	951	8.15	7.90	8.05	+0.06	
16.60	8.75	Avista	.48	4.2	21	1580	11.83	11.50	11.56	+0.03	
29.24	5.55	Avnet	.07	...	dd	7067	11.18	10.56	10.83	+0.08	
57.10	43.49	Avon	.80	1.5	29	6970	54.17	52.94	53.87	+0.41	
25.90	11.00	Aztar	...	...	...	9	1848	14.76	14.00	14.28	+0.18

**B**

### The more recent image from e-Image Data documentation:

52-Week			Yld		Sales						
High	Low	Stock	Div	%	P/E	100s	High	Low	Last	Chg	
52.65	36.38	AvalonBay	2.80	7.1	19	2721	39.45	38.91	39.45	+0.31	
12.73	1.12	Avaya	...	...	dd	15720	2.65	2.47	2.57	+0.12	
74.21	48.00	Aventis	.51	e 0.9	...	2103	55.68	54.18	55.68	+1.49	
69.70	52.06	AveryD	1.44	f 2.3	24	5422	63.49	61.17	62.88	+1.80	
14.80	6.01	Aviall	...	...	dd	900	8.20	7.90	8.04	-0.01	
16.60	8.75	Avista	.48	4.1	21	1903	11.89	11.56	11.80	+0.24	
29.24	5.55	Avnet	...	...	dd	5628	11.55	10.83	11.49	+0.66	
57.10	43.49	Avon	.80	1.5	29	11444	54.80	54.11	54.49	+0.62	
25.90	11.00	Aztar	...	...	...	9	2381	14.54	14.10	14.50	+0.22

ScanPro 3000 26 megapixel camera (Image provided by e-ImageData)

Both the ST ViewScan III and ScanPro 3000 use an image sensor to capture data. The ST ViewScan III employs a 14.3 megapixel image sensor while the ScanPro 3000 has a 6.6 megapixel image sensor. Once captured, both systems use software to enhance the captured image but do so differently. ST Imaging stands behind our scanner and the belief that a larger native image sensor will produce a clearer image every time, regardless of image manipulation by software post capture.

ST Imaging understands that the purchase of a new microfilm scanner is a major investment for any institution. We urge anyone that is deciding between the ST ViewScan III and the ScanPro 3000 to perform their own side-by-side comparison using your film. Please contact us at 847-501-3344 or by email at [sales@stimaging.com](mailto:sales@stimaging.com) and we will have an authorized dealer visit your location and perform and onsite demonstration using your own film.

## Clarifying Image Scan Claims by e-Image Data

It has recently been brought to our attention that e-Image Data, the maker of a competing line of microfilm scanners, has released advertising showing image scan comparisons of the ST ViewScan III and e-Image Data's ScanPro 3000 and ScanPro 1100. Their advertising represents their scanners to have a superior image compared to the ViewScan. Although they say "care was exercised to make the best possible adjustments for each scan," we and our customers know that our true 14 megapixel image sensor creates stunning images which is not what we find in our competitor's "test."

We invite you to compare, using proper scanning settings, the image our ST ViewScan III produces with the ScanPro 3000 and its 6.6MP image sensor.

*Excerpt from the original document published by e-Image Data:*

### ScanPro 3000

**Comparison Scans for selected Microfilm Scanners**

We have been asked how the ST Viewscan III microfilm scanner compares to the ScanPro 3000 microfilm scanner. When making these microfilm scanner comparisons, one of the most important considerations is the image quality that is captured by the scanner. Image quality describes the readability of a document that has been scanned. Readability is important when reading small text and inspecting fine details. Plus, having the best possible readability from the scanner is especially important when working with poor quality film.

**This is a summary of our comparison results:**

1. ViewScan III microfilm scanner

52-Week		Yld		Sales							
High	Low	Stock	Div	%	P/E	100s	High	Low	Last	Chg	
52.65	36.38	AvalonBay	2.80	7.2	18	3474	39.40	38.90	39.14	+0.16	
12.73	1.12	Avaya	...	dd	15052	2.48	2.19	2.45	+0.25		
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69.70	52.06	AveryD	1.4412.4	23	4051	61.50	60.10	61.08	+0.43		
14.80	6.01	Aviall	...	dd	951	8.15	7.90	8.05	+0.06		
16.60	8.75	Avista	48	4.2	21	1580	11.83	11.50	11.56	+0.03	
29.24	5.55	Avnet	07j	...	dd	7067	11.18	10.56	10.83	+0.08	
57.10	43.49	Avon	80	1.5	29	6970	54.17	52.94	53.87	+0.41	
25.90	11.00	Aztar	...	9	1848	14.76	14.00	14.28	+0.18		

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1. ScanPro 3000 microfilm scanner

52-Week		Yld		Sales							
High	Low	Stock	Div	%	P/E	100s	High	Low	Last	Chg	
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16.60	8.75	Avista	48	4.2	21	1580	11.83	11.50	11.56	+0.03	
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25.90	11.00	Aztar	...	9	1848	14.76	14.00	14.28	+0.18		

**B**

### ST Imaging test results:

Scan obtained when we simulated how we believe e-Image Data tested the ST ViewScan III:

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14.80	6.01	Aviall	...	dd	951	8.15	7.90	8.05	+0.06		
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57.10	43.49	Avon	80	1.5	29	6970	54.17	52.94	53.87	+0.41	
25.90	11.00	Aztar	...	9	1848	14.76	14.00	14.28	+0.18		

Now here is our image using proper ST ViewScan III settings and techniques:

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52.65	36.38	AvalonBay	2.80	7.2	18	3474	39.40	38.90	39.14	+0.16	
12.73	1.12	Avaya	...	dd	15052	2.48	2.19	2.45	+0.25		
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29.24	5.55	Avnet	07j	...	dd	7067	11.18	10.56	10.83	+0.08	
57.10	43.49	Avon	80	1.5	29	6970	54.17	52.94	53.87	+0.41	
25.90	11.00	Aztar	...	9	1848	14.76	14.00	14.28	+0.18		

The last two images above came from an authorized ST Imaging reseller using the ST ViewScan III with a 14 megapixel image sensor at their local library. They captured the same image (New York Times, Wednesday, January 1, 2003) as our competitor. Proper focus and contrast was obtained by the ST Imaging authorized reseller, but they did not try to optimize the image and used the default resolution settings. e-Image Data compared our worst case scenario, an improperly oriented image and lowest optical resolution setting, to their best case

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scenario, properly oriented, and highest resolution setting scan from their product using their “High Definition” scan process.

ST Imaging staff went to a local library and conducted another test exactly as a trained user would do. We used proper screen settings, orientation, and our image scaling feature. These are standard ST ViewScan III 14 megapixel features and settings. This test used the same microfilm roll as the others but we moved the date one day later to distinguish the new sample results from those using incorrect techniques. We think you will agree that the ST ViewScan III with its 14 megapixel image scanner produces the crisp, sharp image you seek.

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69.70	52.06	AveryD	1.44	f 2.3	24	5422	63.49	61.17	62.88	+ 1.80
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29.24	5.55	Avnet	...	...	dd	5628	11.55	10.83	11.49	+ 0.66
57.10	43.49	Avon	.80	1.5	29	11444	54.80	54.11	54.49	+ 0.62
25.90	11.00	Aztar	...	...	9	2381	14.54	14.10	14.50	+ 0.22

There are a lot of ways to try and enhance a raw image after it is captured by the image sensor. Regardless of technique, it will never be as good as an image from a system with higher resolution. The only comparison that matters is the one you do. We are proud of our scanners and extensive list of customers who have selected our scanners over the competition. We encourage you to call us and arrange to test one of our scanners for yourself.

Call us today to learn more about the ST ViewScan System.