Glossary	
Image:	An digital representation of a a media sheet side.
Impression:	For a print job, an impression is the passage of the entire side of a sheet by the marker, whether or not any marks are made and independent of the number of passes that the side makes past the marker. Thus a four pass color process counts as a single impression, as does highlight color. Impression counters count all kinds: monochrome, highlight color, and full process color, while full color counters only count full color impressions, and high light color counters only count high light color impressions. One-sided processing involves one impression per sheet. Two-sided processing involves two impressions per sheet. If a two-sided document has an odd number of pages, the last sheet still counts as two impressions, if that sheet makes two passes through the marker or the marker marks on both sides of a sheet in a single pass. Two-up printing is the placement of two logical pages on one side of a sheet and so is still a single impression. Formatted
l-up lumber-up	The placement of two or more pages on one side of a sheet (i.e. impression) so that each side or impressions counts as N pages.
Page	A page is a logical division of the original source document. Number up (N-Up) is the imposition of more than one page on a single side of a sheet.
Sheet	A sheet is a single instance of a medium, whether printing on one or both sides of the medium.

Element Name	reference	
Description		
AuxiliaryImpressions	,	<b>Deleted:</b> The total number of impressions using black or color colorant
<u>The number of media sheet sides that pass by the marker, that are not part of t</u> (e.g., administration pages, error sheets, banner sheets, job reports, confirmation		
	ni sneets etc	Deleted: ,
AuxiliaryBlackImpressions		Deleted: total
The number of impressions using only black colorant not part of the user's job	o data	Deleted: submitted as
AuxiliaryBlankImpressions		<b>Deleted:</b> (e.g., administration pages, error sheets, banner sheets).
The number of impressions that are not part of the user's job data for which no	o colorant is	Deleted: total
Note: Impressions that contain watermarks or forms are not counted as blank	1	Deleted: using
watermark or form is not part of the job data.		<b>Deleted:</b> not submitted as part of the user's job
AuxiliaryFullColorImpressions		<b>Deleted:</b> (e.g., administration pages,
The number of impressions that are not part of the user's job data for which or	ne or more n	error sheets, banner sheets)
black colorants are used. This counter does not include HighlightColor (spot)	impressions	. Deleted: 1
		Deleted: 6

Last Updated 1/2<u>2/04</u> v0.07, page 1 of 7

Element Name	reference	
Description		
AuxiliaryHighlightColorImpressions		
The number of impressions that are not part of the user's job data t colorant. The image may also contain black colorant. Highlight color only on devices that are highlight color capable.		
CopierImpressions	Formatted: Not Hig	nlight
The number of media sheet sides that pass by the marker when us	ng the device as a copi	
CopierBlack Impressions	Deleted: using black,	color or no
The, number of impressions using only black colorant when using	colorant	
Copier FullColorImpressions		
The number of impressions using one or more non-black colorants copier. The images may also contain black colorant. [This counter HighlightColor (spot) impressions.] only in printer		
EmailImagesSent		
The number of scanned sides of stock that are transmitted when us	ing the E-mail service. Deleted: total	
EmailBlackImagesSent		
The number of <u>images</u> that are transmitted <u>in Black and White or (</u> device's e-mail service.	Grayscale Modes when Deleted: total Deleted: scanned side	es of stock
EmailBlankImages ISSUE: Do we want this counter?	Deleted: only in black	κ.
The number of blank images that are transmitted when using a dev	ice's e-mail service.	t
EmailFullColorImagesSent		
The number of scanned sides of stock that are transmitted in color	when using the Email Deleted: total	
FaxOutImages	Deleted: FaxImpressi	onsSent
The number of images that are sent by the device's PSTN Fax serv	ice.	
Fax <u>Out</u> BlackImages,	Deleted: Sent	
The number of images that are transmitted when using a device's F	PSTN fax service in Bla Deleted: total	
White or Grayscale Modes.	Deleted: scanned side	es of stock
FaxOutFullColorImages		
The number of images that are transmitted when using a device's H Mode.	STN fax service in Full Color Deleted: FaxFullColor	orImpressic
FaxInImages		
The number of images that are received by the device's Public Ser (PSTN)Fax service.	vice Telephone Network Deleted: 1	
I	/ Deleted: 6	

Element Name	reference
Description	-
FaxInBlackImages	
The number of images that are received by the device's PS Grayscale Modes.	TN Fax service in Black and White or
FaxInFullColorImages	
The number of images that are received by the device's PS	TN fax service in Full Color Mode.
FaxInImpressions	
The number of media sheet sides that pass by the marker w received faxes.	hen using the device to print PSTN Deleted: FaxBlackImagesRecei
FaxInBlackImpressions	
The number of impressions using only black colorant when received faxes.	n using the device to print PSTI Deleted: total Deleted: as a
FaxInBlankImpressions	Deleted: fax machine for
The number of impressions for which no colorant is placedusing the device to printPSTN received faxes.FaxInFullColorImpressions	on a side of a piece of media when
The number of impressions using one or more non-black or PSTN fax machine for received faxes. The images may also	
MaintenanceImpressions	Deleted: The total number of
The number of media sheet sides that pass by the marker, w	while the device is in service motion impressions using black or color colorar
MaintenanceBlackImpressions	Deleted: total
The number of impressions using only black colorant while	e the device is in service mode.
MaintenanceBlankImpressions           The number of impressions for which no colorant is placed device is in service mode.           MaintenanceFullColorImpressions	l on a side of a piece of media while the
The number of impressions using only color colorant while counter does not include HighlightColor (spot) impressions	
PrintHighlightColorImpressions	
The number of impressions that have an image that uses on device is in service mode. The image may also contain blac impressions are produced only on devices that are highligh NetworkFaxOutImages	ck colorant. Highlight color
The number of images that are sent by the device's network	k Fax service. Deleted: 1
	/ <b>Deleted:</b> 6

2
Deleted: Sent
Deleted: total
Deleted: scanned sides of stock that are
Deleted: only in black
Full
Deleted: Received
d Deleted: total
Deleted: black scanned sides of stock
or Mode.
network
work
when
e as a
Deleted: er
<b>Deleted:</b> The total number of
<b>Deleted:</b> The total number of impressions using black or color colorant
- Deleted: er
when
Deleted: 1
Deleted: 6

Element Name	reference		
Description			
PrintFullColorImpressions	Deleted: er		
The number of impressions using one or more non-black colorar printer. The images may also contain black colorant. This counter HighlightColor (spot) impressions.			
PrintHighlightColorImpressions			
The number of impressions that have an image that uses one (sp using the device as a printer. The image may also contain black impressions are produced only on devices that are highlight colo	colorant. Highlight color		
ScanImages			
number of scanned sides of stock scanned i. (i.e. includes Copy, etc.)	, Fax, NetworkFax, ScanT Deleted: Total		
ScanBlackImages	Deleted: Total		
number of scanned sides of stock scanned in Black and White of Copy, Fax, NetworkFax, ScanToFile etc.)	r grayscale Modes. (i.e. in Deleted: Total		
ScanFullColorImages	Deleted: Total		
number of scanned sides of stock scanned in full color mode. (i.) NetworkFax, ScanToFile etc.)	e. includes Copy, Fax, Deleted: Total		
FileOutImages ISSUE: Is images the appropriate metric for storing dat	Deleted: ScanToFileImages		
Number of <u>images</u> that are stored locally or remotely	Formatted: Highlight		
FileOutBlackImages ISSUE: Does B&W/Color make a difference whe			
Black and white or greyscale images that are stored locally or re	emotely Deleted: ScanToFile		
FileOutFullColorImagesSent	Formatted: Highlight		
Color images that are stored locally or remotely.	Deleted: Scanned sides of stock		
TotalImpressions	Deleted: in black only when using Network Scanning service. In the co of biling meters and counters, an "Image" is defined as an electronic	ontex	
The total number of media sheet sides that pass by the marker,	version of scanned side.		
TotalBlackImpressions	Deleted: Scantorne Deleted: Scantorne	hat a	
The total number of impressions that have an image using black is made between black and white and gray scale.	stored locally or remotely using one more colors when using the Networ Scanning service. In the context of	stored locally or remotely using one or more colors when using the Network Scanning service. In the context of billir	
TotalBlankImpressions	meters and counters, an "Image" is defined as an electronic version of		
The total number of impressions for which no colorant is placed Note: Impressions that contain watermarks or forms are not cours watermark or form is not part of the ich date	inted as blank even if the sides of stock that have passed the r		
watermark or form is not part of the job data.	Deleted: 1 Deleted: 6		

Element Name	reference	
Description	-	
TotalFullColorImpressions		
The total number of impressions that have an image that uses one or more in The image may also contain black colorant. This counter does not include impressions.		
TotalHighlightColorImpressions		
The total number of impressions that have an image that uses one (spot) no image may also contain black colorant. Highlight color impressions are protected that are highlight color capable.		
TotalSheets		
The total number of pieces of stock <u>that have passed by the marker</u> , indepe that initiated the job.	ndent of the se	Deleted:
TotalBlankSheets		
The total number of pieces of stock on which no colorant is placed on either media. Note: Sheets that contain watermarks or forms are not counted as be watermark or form is not part of the job data.		
TotalTwoSidedSheets		
The total number of media on which impressions are placed on both sides of independent of the service that initiated the job.	of the stock,	
TotalBlackTwoSidedSheets		
The total number of pieces of stock on which only black images are placed stock, independent of the service that initiated the job.	on both sides	of the
TotalFullColorTwoSidedSheets		
The total number of pieces of stock on which images that use one or more placed on both sides of the stock, independent of the service that initiated t also contain black colorant. This counter does not include HighlightColor (	he job. The ima	age may
TotalHighlightColorTwoSided Sheets		
The total number of pieces of stock on which images that use one (spot) no placed on both sides of the stock, independent of the service that initiated t may also contain black colorant.		
ProcessingTime		

		Deleted: 1	
		Deleted: 6	
	0.0-		
Last Updated 1/2 <sup>2</sup> /04	v0.0 <mark>7</mark>	page 6 of 7 _/	
1			

Ele	ment Name	reference	1
	Description		1
	Lifetime (seconds) counter, that the device or service has been engaged in sor "processing". Processing can include receiving and buffering data or resource job or as a resource download, ripping, imaging, finishing etc. Responding to queries should not be considered processing unless management and job proto indistinguishable. A simple way to tally ProcessingTime is to mark the tick at "processing", accumulate these differences and compare against the running p ProcessingTime is intended to be a low overhead metric that enables (via inve- idle time. This information can be useful for capacity planning in a managed of	s either as p Deleted: managemen Deleted: cools are Deleted: the start and end of ower-on counter. erse) calculation of	ime
Do	wnTime		-
	Lifetime (seconds), counter, that the device or service has existed with an error intervention or preventing operation of all or part of the device. (Do we need ScannerDownTime, etc?). A simple way to tally DownTime is to mark the tic trailing edges of an event, accumulate these differences and compare against on counter. DownTime is intended to be a low overhead metric that enables (calculation of availability time. This information can be useful for service lev managed environment.	PrinterDowr Deleted: k at the lead Deleted: the running power- via inverse)	
Ma	intenanceTime		
	Lifetime (seconds) counter, that the device or service has existed in a condition maintenance personnel have logged-in via whatever mechanism they do so for (Maintenance time may be hard to calculate for a "service"). A simple way to MaintenanceTime is to mark the tick when personnel logs in and out, accumu differences and compare against the running power-on counter. MaintenanceT for service level validation in a managed environment.	r that device Deleted: tally Deleted: late these Deleted:	ime

		Deleted: 1	
		/ Deleted: 6	
Last Updated 1/22/04	v0.0 <u>7</u>	page 7 of 7 📈	

Page 2: [1] Deleted	Peter Zehler	1/22/2004 9:11 AM				
FaxImpressionsSent						
The total number of in	The total number of impressions when using the device as a Public Service Telephone Network					
(PSTN) fax machine f	or received faxes.					
Page 2: [2] Deleted	Peter Zehler	1/22/2004 9:17 AM				
FaxFullColorImpressionsSen	t					
The total number of in	npressions using one or more nor	n-black colorants when using the device as				
a PSTN fax machine f	a PSTN fax machine for received faxes. The images may also contain black colorant. This					
counter does not inclu	de HighlightColor (spot) impress	sions.				
Page 3: [3] Deleted	Peter Zehler	1/22/2004 9:22 AM				
FaxBlackImagesReceived						
The total number of bl	ack scanned sides of stock that a	re received by the device's PSTN Fax				
service.		-				