Glossary	
Image:	A 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. An impression is a media sheet side that has passed by the marker.
N-up Number-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.

Elem	ent Name	reference
	Description	
Auxil	iaryImpressions	
	The number of media sheet sides that pass by the marker that are not part of t (e.g. administration pages, error sheets, banner sheets, job reports, confirmation	•
Auxil	iaryBlackImpressions	
	The number of impressions using only black colorant not part of the user's jol	o data
Auxil	iaryBlankImpressions	
	The number of impressions that are not part of the user's job data for which note: Impressions that contain watermarks or forms are not counted as blank watermark or form is not part of the job data.	
Auxil	liaryFullColorImpressions	
	The number of impressions that are not part of the user's job data for which of black colorants are used. This counter does not include HighlightColor (spot)	

AuxiliaryHighlightColorImpressions  The number of impressions that are not part of the user's job data that uses one (spot) n colorant. The image may also contain black colorant. Highlight color impressions are p only on devices that are highlight color capable.  CopierImpressions  The number of media sheet sides that pass by the marker when using the device as a colorant language.  CopierBlack Impressions  The number of impressions using only black colorant when using the device as a copier copier FullColorImpressions  The number of impressions using one or more non-black colorants when using the device copier. The images may also contain black colorant. [This counter does not include HighlightColor (spot) impressions.] only in printer  EmailInKOctets  The data received when using the inbound E-mail service measured in 1024 8bit byte to EmailInImpressions  The number of media sheet sides that pass by the marker when using the device to printer	ce
The number of impressions that are not part of the user's job data that uses one (spot) in colorant. The image may also contain black colorant. Highlight color impressions are pronly on devices that are highlight color capable.  CopierImpressions  The number of media sheet sides that pass by the marker when using the device as a copier of impressions  The number of impressions using only black colorant when using the device as a copier of impressions  The number of impressions using one or more non-black colorants when using the device copier. The images may also contain black colorant. [This counter does not include HighlightColor (spot) impressions.] only in printer  EmailInKOctets  The data received when using the inbound E-mail service measured in 1024 8bit byte to EmailInImpressions	
colorant. The image may also contain black colorant. Highlight color impressions are p only on devices that are highlight color capable.  CopierImpressions  The number of media sheet sides that pass by the marker when using the device as a colorant Impressions  The number of impressions using only black colorant when using the device as a copier FullColorImpressions  The number of impressions using one or more non-black colorants when using the device copier. The images may also contain black colorant. [This counter does not include HighlightColor (spot) impressions.] only in printer  EmailInKOctets  The data received when using the inbound E-mail service measured in 1024 8bit byte to EmailInImpressions	
The number of media sheet sides that pass by the marker when using the device as a concentral conce	
CopierBlack Impressions  The number of impressions using only black colorant when using the device as a copie  Copier FullColorImpressions  The number of impressions using one or more non-black colorants when using the dev copier. The images may also contain black colorant. [This counter does not include HighlightColor (spot) impressions.] only in printer  EmailInKOctets  The data received when using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail service measured in 1024 8bit byte using the inbound E-mail ser	
The number of impressions using only black colorant when using the device as a copie  Copier FullColorImpressions  The number of impressions using one or more non-black colorants when using the dev copier. The images may also contain black colorant. [This counter does not include HighlightColor (spot) impressions.] only in printer  EmailInKOctets  The data received when using the inbound E-mail service measured in 1024 8bit byte using Information (Service Measured Information (Serv	opier.
Copier FullColorImpressions  The number of impressions using one or more non-black colorants when using the dev copier. The images may also contain black colorant. [This counter does not include HighlightColor (spot) impressions.] only in printer  EmailInKOctets  The data received when using the inbound E-mail service measured in 1024 8bit byte using InImpressions	
The number of impressions using one or more non-black colorants when using the dev copier. The images may also contain black colorant. [This counter does not include HighlightColor (spot) impressions.] only in printer  EmailInKOctets  The data received when using the inbound E-mail service measured in 1024 8bit byte using Information (page 1) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measured in 1024 8bit byte using Information (page 2) and the service measu	er.
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The data received when using the inbound E-mail service measured in 1024 8bit byte u EmaiInImpressions	rice as a
EmaiInImpressions	
	units.
The number of media sheet sides that pass by the marker when using the device to print	
emails and their attachments.	t received
EmaiInBlackImpressions	
The number of impressions using only black colorant when using the device to print receive emails and their attachments.	ceived
EmaiInBlankImpressions	
The number of impressions for which no colorant is placed on a side of a piece of medi using the device to print received emails and their attachments.	a when
EmailInFullColorImpressions	
The number of impressions using one or more non-black colorants when using the devi received emails and their attachments. The images may also contain black colorant.	ice to print
EmailOutKOctets	
The data sent when using the outbound E-mail service measured in 1024 8bit byte units	S.
FaxInImages	
The number of images that are received by the device's Public Service Telephone Netw (PSTN)Fax service.	vork
FaxInBlackImages	

Element Name	reference
Description	
The number of images that are received by the device's PSTN Fax service in Grayscale Modes.	Black and White or
FaxInFullColorImages	
The number of images that are received by the device's PSTN fax service in F	Full Color Mode.
FaxInImpressions	
The number of media sheet sides that pass by the marker when using the device received faxes.	ce to print PSTN
FaxInBlackImpressions	
The number of impressions using only black colorant when using the device to received faxes.	o print PSTN
FaxInBlankImpressions	
The number of impressions for which no colorant is placed on a side of a piecusing the device to print PSTN received faxes.	e of media when
FaxInFullColorImpressions	
The number of impressions using one or more non-black colorants when using PSTN fax machine for received faxes. The images may also contain black colorants	
FaxOutImages	
The number of images that are sent by the device's PSTN Fax service.	
FaxOutBlackImages	
The number of images that are transmitted when using a device's PSTN fax so White or Grayscale Modes.	ervice in Black and
FaxOutFullColorImages	
The number of images that are transmitted when using a device's PSTN fax so Mode.	ervice in Full Color
MaintenanceImpressions	
The number of media sheet sides that pass by the marker while the device is in	n service mode.
MaintenanceBlackImpressions	
The number of impressions using only black colorant while the device is in se	ervice mode.
MaintenanceBlankImpressions	
The number of impressions for which no colorant is placed on a side of a piec device is in service mode.	e of media while the
MaintenanceFullColorImpressions	

Element Name	reference
Description	
The number of impressions using only color colorant while the device is in ser counter does not include HighlightColor (spot) impressions.	rvice mode. This
MaintenanceHighlightColorImpressions	
The number of impressions that have an image that uses one (spot) non-black device is in service mode. The image may also contain black colorant. Highlig impressions are produced only on devices that are highlight color capable.  NetworkFaxInImages	
The number of images that are received by the device's Network Fax service.	
NetworkFaxInBlackImages	
The number of images that are received by the device's network Fax service in or Grayscale Modes.	n Black and White
NetworkFaxInFullColorImages	
The number of images that are received by the device's network fax service in	Full Color Mode.
NetworkFaxInImpressions	
The number of media sheet sides that pass by the marker when using the device received faxes.	ce to print network
NetworkFaxInBlackImpressions	
The number of impressions using only black colorant when using the device to received faxes.	o print network
NetworkFaxInBlankImpressions	
The number of impressions for which no colorant is placed on a side of a piece using the device to print network received faxes.	e of media when
NetworkFaxInFullColorImpressions	
The number of impressions using one or more non-black colorants when using network fax machine for received faxes. The images may also contain black colorants	
NetworkFaxOutImages	
The number of images that are sent by the device's network Fax service.	
NetworkFaxOutBlackImages	
The number of images transmitted when using a device's network Fax service or Grayscale Modes.	in Black and White
NetworkFaxOutFullColorImages	
The number of images that are transmitted when using a device's network fax Color Mode.	service in Full

Element Name	reference
Description	
PrintImpressions	
The number of media sheet sides that pass by the marker when using the dev	ice as a printer.
PrintBlackImpressions	
The number of impressions using only black colorant when using the device	as a printer.
PrintBlankImpressions	
The number of impressions for which no colorant is placed on a side of a pie using the device as a printer.	ce of media when
PrintFullColorImpressions	
The number of impressions using one or more non-black colorants when using printer. The images may also contain black colorant. This counter does not in HighlightColor (spot) impressions.	
PrintHighlightColorImpressions	
The number of impressions that have an image that uses one (spot) non-black using the device as a printer. The image may also contain black colorant. His impressions are produced only on devices that are highlight color capable.	
ScanToFileImages	
The number of sides of stock scanned in and stored locally or remotely.	
ScanToFileBlackImages	
The number of sides of stock scanned in Black and White or grayscale Mode or remotely.	s and stored locally
ScanToFileFullColorImages	
The number of sides of stock scanned in full color mode and stored locally o	r remotely.
TotalImpressions	
The total number of media sheet sides that pass by the marker.	1
TotalBlackImpressions	
The total number of impressions that have an image using black colorant onl is made between black and white and gray scale.	y. No differentiation
TotalBlankImpressions	
The total number of impressions for which no colorant is placed on a side of Note: Impressions that contain watermarks or forms are not counted as blank watermark or form is not part of the job data.	-
TotalFullColorImpressions	

Description  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.	
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.	
TotalScanImages	
The total number of scanned sides of stock . (i.e. includes Copy, Fax, Netwetc.)	orkFax, ScanToFile
TotalScanBlackImages	
The total number of scanned sides of stock scanned in Black and White or includes Copy, Fax, NetworkFax, ScanToFile etc.)	grayscale Modes. (i.e.
TotalScanFullColorImages	
The total number of scanned sides of stock scanned in full color mode. (i.e NetworkFax, ScanToFile etc.)	. includes Copy, Fax,
TotalSheets	
The total number of pieces of stock that have passed by the marker, indepertual that initiated the job.	ndent of the service
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 the also contain black colorant. This counter does not include HighlightColor (	he job. The image may
TotalHighlightColorTwoSided Sheets	

Element Name re		reference
	Description	
	The total number of pieces of stock on which images that use one (spot) non-placed on both sides of the stock, independent of the service that initiated the may also contain black colorant.	
Total	lLocalFileKOctets	
	The total amount of data stored to the local file system. (i.e. includes Copy & ScanToFile etc.)	save, FaxIn saved,
Total	lNetworkFileKOctets	
	The total amount of data stored to a remote file system. (i.e. includes Copy & ScanToFile etc.)	save, FaxIn saved,
Proc	essingTime	
	Lifetime (seconds) counter, that the device or service has been engaged in so "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 prot indistinguishable. A simple way to tally ProcessingTime is to mark the tick a "processing", accumulate these differences and compare against the running ProcessingTime is intended to be a low overhead metric that enables (via invidle time. This information can be useful for capacity planning in a managed	es either as part of a management ocols are the start and end of power-on counter. erse) calculation of
Dow	vnTime	
	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.	PrinterDownTime, ck at the leading and the running power-via inverse)
Mair	ntenanceTime	
	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, accumulate differences and compare against the running power-on counter. Maintenance for service level validation in a managed environment.	or that device.  o tally  ulate these