

Proposed PWG Usage Counters

Element Name	reference
Description	
CopierImpressions	
	The total number of sides of stock that have been imaged using black or color toner when using the device as a copier.
CopierBlack Impressions	
	The total number of sides of stock that have been imaged using only black toner when using the device as a copier.
Copier FullColorImpressions	
	The total number of sides of stock that have been imaged using one or more non-black colorants when using the device as a copier. The images may also contain black colorant. This counter does not include HighlightColor (spot) impressions.
EmailImagesSent	
	The total number of scanned sides of stock that are transmitted when using the E-mail service.
EmailBlackImagesSent	
	The total number of scanned sides of stock that are transmitted only in black when using a device's e-mail service.
EmailFullColorImagesSent	
	The total number of scanned sides of stock that are transmitted in color when using the Email service.
FaxImpressionsSent	
	The total number of sides of stock that have been imaged when using the device as a Public Service Telephone Network (PSTN) fax machine for received faxes.
FaxBlackImagesSent	
	The total number of scanned sides of stock that are transmitted when using a device's PSTN fax service.
FaxFullColorImpressionsSent	
	The total number of sides of stock that have been imaged using one or more non-black colorants when using the device as a PSTN fax machine for received faxes. The images may also contain black colorant. This counter does not include HighlightColor (spot) impressions.
FaxBlackImagesReceived	
	The total number of black scanned sides of stock that are received by the device's PSTN Fax service.
FaxBlackImpressions	

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	The total number of sides of stock that have been imaged using only black toner when using the device as a PSTN fax machine for received faxes.
MaintainanceImpressions	
	The total number of sides of stock that have been imaged using black or color toner while the device is in service mode.
MaintainanceBlackImpressions	
	The total number of sides of stock that have been imaged using only black toner while the device is in service mode.
MaintainanceFullColorImpressions	
	The total number of sides of stock that have been imaged using only color toner while the device is in service mode. This counter does not include HighlightColor (spot) impressions.
NetworkFaxBlackImages Sent	
	The total number of scanned sides of stock that are transmitted only in black when using a device's network Fax service.
NetworkFaxBlackImagesReceived	
	The total number of black scanned sides of stock that are received by the device's network Fax service.
PrinterImpressions	
	The total number of sides of stock that have been imaged using black or color toner when using the device as a printer.
PrinterBlackImpressions	
	The total number of sides of stock that have been imaged using only black toner when using the device as a printer.
PrinterFullColorImpressions	
	The total number of sides of stock that have been imaged using one or more non-black colorants when using the device as a printer. The images may also contain black colorant. This counter does not include HighlightColor (spot) impressions.
ScanTotalImages	
	Total number of scanned sides of stock scanned i. (i.e. includes Copy, Fax, NetworkFax, ScanToFile etc.)
ScanTotalBlackImages	
	Total number of scanned sides of stock scanned in Black and White or grayscale Modes. (i.e. includes Copy, Fax, NetworkFax, ScanToFile etc.)

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ScanTotalFullColorImages	
	Total number of scanned sides of stock scanned in full color mode. (i.e. includes Copy, Fax, NetworkFax, ScanToFile etc.)
ScanToFileImages	
	Number of scanned sides of stock that are stored locally or remotely when using a network scanning service. An "Image" is defined as an electronic version of a scanned side.
ScanToFileBlackImages	
	Scanned sides of stock that are stored locally or remotely in black only when using the Network Scanning service. In the context of billing meters and counters, an "Image" is defined as an electronic version of scanned side.
ScanToFileFullColorImagesSent	
	Scanned sides of stock that are stored locally or remotely using one or more colors when using the Network Scanning service. In the context of billing meters and counters, an "Image" is defined as an electronic version of scanned side.
SystemImpressions	
	The total number of sides of stock that have been imaged using black or color toner not submitted as part of the user's job (e.g., administration pages, error sheets, banner sheets).
SystemBlackImpressions	
	The total number of sides of stock that have been imaged using only black toner not submitted as part of the user's job (e.g., administration pages, error sheets, banner sheets).
SystemFullColorImpressions	
	The total number of sides of stock that have been imaged using one or more non-black colorants not submitted as part of the user's job (e.g., administration pages, error sheets, banner sheets). This counter does not include HighlightColor (spot) impressions.
TotalImpressions ¹	
	The total number of sides of stock that have been imaged using black or color toner or colorant.
TotalBlackImpressions	
	The total number of impressions that have an image using black colorant only. No differentiation is made between black and white and gray scale.
TotalBlankImpressions	ISSUE: Job MIB defines impression as an impression is the passage of the entire side of a sheet by the marker, whether or not any marks

¹ Impressions do not count device embedded watermark process (i.e if no job data is imaged it is considered blank)

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are made	
	The total number of impressions for which no toner is placed on a side of a piece of media.
TotalFullColorImpressions	
	The total number of impressions that have an image that uses one or more non-black colorants. The image may also contain black colorant. This counter does not include HighlightColor (spot) impressions.
TotalHighlightColorImpressions	
	The total number of impressions that have an image that uses one (spot) non-black colorant. The image may also contain black colorant. Highlight color impressions are produced only on devices that are highlight color capable.
TotalSheets	
	The total number of pieces of stock on which black or color images are placed, independent of the service that initiated the job.
TotalBlankSheets	
	The total number of pieces of stock on which no toner is placed on either side of a piece of media.
TotalTwoSidedSheets	
	The total number of pieces of stock on which only black images are placed on both sides of the stock, independent of the service that initiated the job.
TotalBlackTwoSidedSheets	
	The total number of pieces of stock on which only black images are placed on both sides of the stock, independent of the service that initiated the job.
TotalFullColorTwoSidedSheets	
	The total number of pieces of stock on which images that use one or more non-black colorants are placed on both sides of the stock, independent of the service that initiated the job. The image may also contain black colorant. This counter does not include HighlightColor (spot) impressions.
TotalHighlightColorTwoSided Sheets	
	The total number of pieces of stock on which images that use one (spot) non-black colorant are placed on both sides of the stock, independent of the service that initiated the job. The images may also contain black colorant.