ICT Printer Solution

Introduction

The school has currently two printers in the ICT Suite;

Brother HL-5250DN	Monochrome printer
HP Laserjet 2605DN	Colour printer

- The Brother printer developed a fault; the quote for repair was in the region of £150+. This is not cost effective due to similar printers available for the same price.
- The Colour printer is about 3 years old and is heavily used throughout the year. Recently the quality of the printing has slowly started to degrade, along with using remanufactured toners which leak causing damage to the printer.

This has made me look into an alternative solution – a managed print solution where toner costs, service, parts & labour are calculated into a cost per page.

Findings

Below is a breakdown of our current printing costs each year (approx).

Printer	Drum Cost	Usage	Toner Cost	Usage	Yearly Cost
HP 2605DN			101.04	6 per year	
Bro 5250DN	68.95	2 Per Year	38.95	3 Per year	
	137.90		**723.09**		**£860.99**

As you can see each year we pay approximately £900 on consumables alone! Also what I have not included in the above table is the price of a fuser unit which is normally replaced every 3 /4 years and the cost is around the £100+ mark and then labour charges on top of that for each printer.

With a managed printer option the school can either choose to lease or purchase a printer, and then be billed on the amount they print. The school currently prints 10,220 colour pages & an estimated 15,000 mono pages a year.

Below is a list of quotes for a managed printer solution.

Printer	Supplier	Mono Cost per Year	Colour Cost per Year	Total Yearly Cost
Ricoh SP C312DN	Ricoh	219.00	670.43	**£889.43**
Konica C35P	Konica	93.00	449.68	**£542.68**
Kyocera 5350DN	Arena	195.00	664.30	**£859.30**
Kyocera 5300DN	Altodigital	195.00	531.44	**£726.44**
Kyocera 5300DN	Copylogic	150.00	715.40	**£865.40**

Apart from saving money, it would save time & space; when the toners start getting low the printer will automatically order the toners required before it runs out. An added benefit to this is that there is no need to stock pile boxes of toners.

The printer would also be better quality & more reliable able to deal with vast amounts of printing including photo printing. It comes with a duplexer so it can print on both sides of paper thus saving paper.

Service is included in the cost per page as well, as other consumables such as fusers, drums and the labour charge associated with them.

Recommendation

A managed printer solution is more efficient and cost effective due to;

- Time saving – don't have to manage stock levels of toners, order them etc...
- Service – regular services, so the printer functionality is maintained
- Space Saving – do not have to keep boxes upon boxes of toner
- Cheaper – possible savings of at least £300
- More reliable – can easily handle all jobs of all sizes
- Better quality – due to using original toners the quality of printing will be better

I recommend that the printer be purchased from Konica

Name	Position	Date Published
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