



**Martin Whalen**  
OFFICE SOLUTIONS, INC.

# Strategies to **GREEN UP** your office

Marty Whalen

# Martin Whalen Office Solutions

- ▶ 75 year history
- ▶ 4000+ customers
- ▶ Office Technology
- ▶ Office Furniture

# Go GREEN



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## Typical Power Requirements and Energy Use of Office Equipment

Equipment	Typical Power Requirements (Watts)	Annual Energy Cost – Off at Night	Annual Energy Cost – On 24 Hours/Day
Computer	55	\$9	\$39
Monitor (15")	75	\$12	\$54
Laser Printer	60	\$14	\$44
Fax Machine	35	\$9	\$27
Copier (small)	115	\$30	\$83
Copier (large)	310	\$80	\$224

Source: Office Equipment Energy Savings Calculator, LBL.

# “GREEN” Document Strategy









## Why Green Printing?

Did you know that every 5 minutes 15 million pages are printed of which contains 90% virgin tree fiber (not recycled) and this paper accounts for 30 to 40% of landfill waste? You can see why the time to take action is now and we are committed to providing ecofriendly solutions for the environment and our clients.

# What if you managed your document output and could:

- ▶ Reduce carbon foot print
- ▶ Save paper
- ▶ Save power
- ▶ Right size your fleet
- ▶ Save \$\$ and the EARTH!!



# PaperCut™

## Printer environmental impact - summary

For the period of Jul 27, 2008 to Aug 26, 2008.



### Trees Consumed

*The amount of trees that have gone into making the paper.*



### CO2 Produced

*The greenhouse gases released in the production of the paper.*



### Equivalent Bulb Hours

*The manufacturing energy used to produce the paper represented as the energy consumed by a standard light bulb in hours.*

Printer	Trees Consumed	CO2 Produced	Equivalent Bulb Hours
linuxserver\Canon BJ 2000	0.145% of a tree	1.0 kg	33.2 hours
linuxserver\HPLaserJ	0.119% of a tree	825 grams	27.2 hours
printserver\Canon BJ 2000	0.066% of a tree	455 grams	15.0 hours
printserver\HP LaserJet 5MP	0.112% of a tree	774 grams	25.5 hours
printserver\Xerox Color 1930	0.119% of a tree	825 grams	27.2 hours
Win2003\Canon BJ 2000	0.004% of a tree	25 grams	0.8 hours
Win2003\HP LaserJet 5MP	0.055% of a tree	378 grams	12.5 hours
Win2003\HPLaserJ	0.077% of a tree	533 grams	17.6 hours
Win2003\John's Printer	0.122% of a tree	842 grams	27.8 hours
Win2003\Xerox Color 1930	0.104% of a tree	1.3 kg	44.2 hours
<b>Totals:</b>	<b>1.012% of a tree</b>	<b>7.0 kg</b>	<b>230.9 hours</b>





**PaperCut™**

## User Environmental Impact - summary

For the period of Jul 1, 2008 to Jul 31, 2008.



**Trees Consumed**

*The amount of trees that have gone into making the paper.*



**CO2 Produced**

*The greenhouse gases released in the production of the paper.*



**Equivalent Bulb Hours**

*The manufacturing energy used to produce the paper represented as the energy consumed by a standard light bulb in hours.*

Username	Trees Consumed	CO2 Produced	Equivalent Bulb Hours
chris	0.296% of a tree	2.1 kg	68.0 hours
john	4.877% of a tree	33.8 kg	1,112.4 hours
matt	2.845% of a tree	19.7 kg	648.8 hours
priyanka	0.217% of a tree	1.5 kg	49.6 hours
tom	0.406% of a tree	2.8 kg	92.6 hours

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**Totals:**                      **8.643% of a tree**                      **59.8 kg**                      **1,971.4 hours**



Your print job can be routed to an alternative printer. Please select a printer from the list or select 'Delete print job'.

**Name** Microsoft Word - Customer\_requirements\_document\_0.5.doc  
**User** C11165  
**Paper format** Letter  
**Color / B/W** Color  
**Page Count** 8  
**Copies** 1

**Alternative Target Printers**

	Printer Name	Price
✓	iRC3380PS- STSD	0.40
	iRC5185 - TS	2.40

Chosen Target Printer: iRC3380PS- STSD

Ok / Close

Delete print job

# Tips:

## ▶ Print driver defaults

- Duplex printing
- 2 up printing
- Color

## ▶ Access your fleet

- Multiple machines in same location
- Low usage
- Older equipment with high operation costs
- # of devices per user

# OR don't print at all!!

- ▶ Start managing your filing system electronically
  - Less paper
  - Fewer filing cabinets
  - Find documents faster



# ANNUAL FOOTPRINT SUMMARY

» Save As PDF » Print Results

energy consumption	current	future	saved	reduction
Energy (kWh)	138	138	0	0%
Energy and Paper (CO) Emissions (lb)	1,833	1,421	412	22%
Paper (lb)	1,100	825	275	25%
Energy and Paper Costs (USD)	614	464	150	24%



