

IT sustainability initiatives and projects

04/24/17 - epeat device rating info:

[http://ww2.epeat.net/PublicSearchResults.aspx?
return=pm&epeatcountryid=1&ProductType=3&manufacturer=24&stdid=1](http://ww2.epeat.net/PublicSearchResults.aspx?return=pm&epeatcountryid=1&ProductType=3&manufacturer=24&stdid=1)

12/01/16 - initial summary for Mal

ID #	Initiative	Start Year	Description	References / Notes
1	server virtualization	2009	<p>reduced physical servers from over 100 to 10</p> <p>reduced number of racks from 10 to 2 (each rack averages 4.5 kW of power) monthly savings equate to over $8 \times 4.5 \times 24 \times 30 = 25,920$ kWh</p> <p>1 kWh = \$0.15</p> <p>roughly \$4000 per month savings</p>	
2	zero clients - with virtual desktops	2014	8 watts versus 60-120 watts = saving over 50-110 watts per computer	Looks like you are using 10 cent per kWh ? Yes (.10)- number of

			200+ computers	hours per day ? (8) days per year ? (5 * 52 = 260)
3	apple macbooks	2015	factories use 93% renewable energy and apple is committed to go 100% for all of their factories	http://www.apple.com/environment/
4	ricoh imaging hardware	2016	highest energy efficiency - fully recyclable	https://www.ricoh.com/environment/
5	epson ink jet printers	2017	lowest energy usage when compared to current laser jet printers	
6	print management	2017	looking to enforce 2-sided printing as default and also implement "pull" printing which requires users to confirm print jobs held at the printer, versus printing all jobs automatically	
7	DocuSign	2015	Paperless; digital ways to create, distribute, and manage documents. For example, Study Abroad office has saved 2,400 pieces of paper per semester.	
8	Box/ OnBase	20XX ?	Paperless with the cloud storage. Choosing green cloud storage; Box has committed to achieving 100% green energy for their data centers.	

9	E-waste	20XX ?	Sustainable management of electronics; work with the recycle service with ISO14001 and e-Stewards certified.	