

By replacing the traditional hard drive in our desktops to solid-state hard drives; this company can earn \$94,989,400 in additional revenue over the next three years. The solid-state drives do not have any moving parts making them faster than HDD, giving them the ability to process our loan applications at a much faster pace. Upgrading the to an SSD will enable each employee to process 6 more loan applications per day.

Upgrading our traditional hard drives to solid state drives will increase the speed of our desktops resulting in more applications processed per day. Our traditional hard drives have moving parts. Each time you try to retrieve data from the hard drive a disc has to spin and the access arm has to move in and out to find the data. This long process and can be avoided using an SSD. SSD has no moving parts, which enables it to access data faster. We will be able to process loan applications faster with a new upgrade to an SSD in all of our desktops.

With the upgrade to SDD we will process 950400 more loan applications over three years. If we accept only 1 in 4 of these applications this means we will add an additional \$94,989,400 in revenue over a three-year period. With the initial cost of \$50,600 for the SSD and installation, this company has the ability to add \$31,629,400 in revenue in the first year alone while adding \$31,680,000 in each year over the next two years. Upgrading our HDD to new SSD's, will enable us to process more loan applications as well as add revenue to this company.

References:

- 1)Real, Natalia. "Solid-state Drives vs. Hard Disk Drives: Why SSDs Reign Supreme." *Digital Trends Solidstate Drives vs Hard Disk Drives Why SSDs Reign Supreme Comments*. N.p., 16 Dec. 2012. Web. 28 Feb. 2013.
- 2)"SSD vs HDD." *StorageReview.com*. N.p., n.d. Web. 28 Feb. 2013.
- 3) "Top Ten Benefits of SSD." *Samsung Electronics America*. N.p., 16 Sept. 2010. Web. 28 Feb. 2013.

	Year 1	Year 2	Year 3	Total
Initial Cost	50,600	0	0	\$50,600.00
# of Loans added	316,800	316800	316800	950,400
Percent of Loans Accepted	0.25	0.25	25%	
Revenue Per Loan	\$400	\$400	\$400	
Additional Revenue	\$31,629,400.00	\$31,680,000.00	\$31,680,000.00	\$94,989,400.00