Incentivized by the Obama administration’s 2009 American Recovery and Reinvestment Act (ARRA), industry wide adoption of electronic health records (EHRs) is moving from theory to reality. The central theme of nationwide EHR adoption is based on the concept of “meaningful use,” a metric that will connect this complicated initiative into a system that communicates and delivers high-grade electronic healthcare services. Moving forward, physician practices of all sizes face the reality of migrating from a paper-based environment to a digital office. This paper examines the total cost of ownership for “meaningful” EHR adoption in a physician practice.