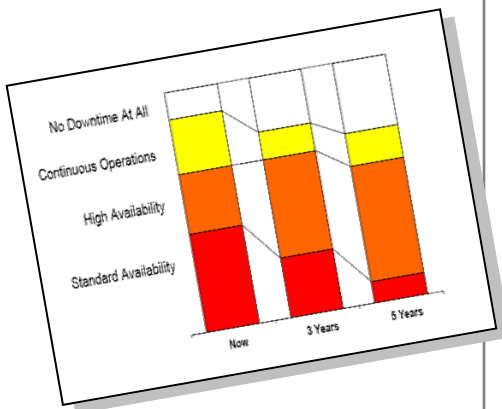


# EMR Data Protection



"Gartner estimates that nearly 40% of all company data is highly vital to the company's existence. With that fact, no responsible organization can go without protection for its electronic, intellectual property. Today's technology conversations inevitably lead to questions on how a company will survive a catastrophic disaster, or major loss of data that causes its doors to close."



"Reality shows that over 99% of all business affecting disasters are more common events, such as, a fire within the company's building, power surges that disable computing systems, or the dreaded, 'I did not mean to delete that'."

"Properly sized hot sites and data backup plans allow for catastrophic downtime to be measured in minutes rather than days. Generally, a company's return on investment is realized through reduced insurance premiums, higher ratings by governing bodies, and instant recoverability...."

## ELECTRONIC MEDICAL RECORDS

Electronic Medical Records are becoming the industry standard for hospitals and clinics throughout the United States. Data protection is becoming increasingly important for healthcare providers for several reasons:

**Regulatory Compliance** - Government regulations require organizations that store the medical information of U.S. citizens are subject to HIPAA.

**Security** - A customer's name/information is about all someone needs to fraudulently empty bank accounts or gain access to credit. Theft of business information can lead to loss of competitive advantage, good corporate image, government imposed fines, the loss of a business, etc.

**Data Availability** - The consequences of not being able to access data can include lost revenue. News of these events can also affect brand names and reputations.

## DATA PROTECTION PLANNING

Data backup, recovery and disaster planning are all based on the expected level of service. Two metrics generally used for the purpose are:

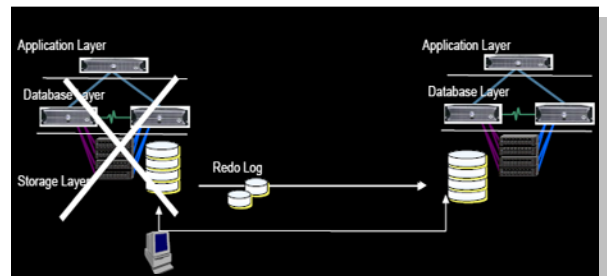
**RTO (Recovery Time Objective)** - How long the organization can go without a specific application. This is often associated with maximum allowable or tolerable outage.

**RPO (Recovery Point Objective)** - This dictates the allowable data loss - how much data can the organization afford to lose.

## BACKUP & DISASTER RECOVERY SOLUTIONS

Backups are the secondary copy of primary data. The purpose of backups is to recover primary data if it's damaged, deleted, or corrupted. Based on the business needs one of the many solutions are utilized. It is very important to understand the pros and cons of any backup and recovery plan before making a decision. Possible Solutions include:

- Traditional backup
- Oracle tool - RMAN
- Third Part tools - SQL-Backtrack, etc.



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- EMR Barcode Application Integration
- Allergy Practice Management
- EMR Data Management
- Healthcare Technology EMR Consulting Services

