# Data Recovery and Mooreâ€™s Law

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Problems and solutions are never far away from each other. Every problem has an ideal solution; but after some time this particular solution may yet again give rise to new problems. Take hard drives for example: as the decades went by, bigger hard drives have posed bigger challenges for data recovery.

Researchers from Pepperdine University in Malibu have noticed this upward trend, as described by Mooreâ€™s Law, which states that the complexity of minimum-cost semiconductor components has doubled regularly each year since the first prototype microchip was invented in 1959. As technology grows more urbane, devices such as hard drives grow in terms of capacity, performance, and appearance. In the 1990s, hard drives are only as big as four and a half gigabytes. Today, that size is delegated to the smaller memory stick and this is not even the biggest in the line.

In other words, data recovery has its job cut out for it. Today, it must retrieve more files than ever before, treating hard drives and storage media as big as a terabyte (1,024 gigabytes). In light of this, solutions for data recovery must keep up with the undying concept of Mooreâ€™s Law.

Various software for data recovery can now be bought in the market a trend that wasnâ€™t common in the old days. The toolbox of the data recovery specialist has also grown to house more complex tools for saving gigabytes of precious data. Mooreâ€™s Law is not about to end anytime soon.

Why is the computer evolving at an exponential rate? Going back to problems and solutions, many firms mainly in Los Angeles are moving to a paperless environment. As a normal business is expected to use up hundreds of pounds of paper for a single year, a paperless solution requires the new storage media to be larger. Data recovery Los Angeles companies rely on must be ready to serve a bigger crowd.

The future will surely feature more complex digital solutions to more difficult problems. As the world slowly but surely shifts to a paperless trend, data recovery Los Angeles has to offer will be more essential than ever. If the author of Mooreâ€™s Law is right, in a matter of time, terabytes will be the new megabytes.

Pepperdine Universityâ€™s Graziadio Business Review has some interesting resources on Mooreâ€™s La and data loss. You can get more information and relate it to data recovery Los Angeles has to offer at Pepperdine.edu. Maybe Mooreâ€™s Law can tell you about your need for information it, too, will grow at an astounding rate in the future.

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