

SOLUTIONS OVERVIEW

Permanently Preserve Digital Information

Government and private organizations need to permanently store large quantities of digital information. The integrity of the stored information and the confidence that the data will be available when needed is paramount. The long term ramifications of losing critical data could have dramatic and far reaching consequences.

Millenniata's new Write Once, Read Forever optical technology sets a new standard for permanent digital storage. The Millenniata Solution contains patented stable inorganic materials that allow information to be permanently stored. Digital data is etched onto the M-DISC™ using M-Ready drives. What's more, the M-DISC™ is readable by current Blu-Ray and DVD drives, making access to your digital information easy and transportable.

How Does it Work?

Millenniata's M-Ready drives use a higher power to carve grooves in advanced materials new to optical discs which are unaffected by the elements. Once written, the M-DISC™ is readable in current Blu-Ray and DVD players making access to information safe and reliable.

Current DVD technology uses organic dyes and low laser power to burn marks into the data layer of a standard recordable DVD. Over time, these marks become unreadable because organic dyes degrade in light, heat and humidity.

Write Once, Read Forever™

Millenniata's optical storage solutions provide a dramatic increase in the reliability and security of digital information and records. The M-DISC™ has no special requirements for long term storage allowing easy access to archives. Millenniata's solution also helps organizations take critical information off energy consuming active storage devices to preserve them on a reliable stable medium.

No Special Requirements

The M-DISC™ does not have special storage requirements. Millenniata's permanent storage solution allow organizations to keep physical copies of their digital information on-hand or wherever necessary without the concern of the environment corrupting the data. The result is easily accessible achieved data, confidence that digital information will be available when needed, and reduced energy costs for data storage.

Preserve Chain of Custody Records

Millenniata's storage solutions provide new safeguards to meet the most demanding chain of custody requirements. Digital information stored on Millenniata's M-DISC™ are permanent so the risk of losing evidentiary information due to the age of the media or environmental factors decrease dramatically. Each disc can be serialized saving information on who and when the copy was made, thereby becoming part of the evidence log. Once the M-DISC™ has been written, it is tamper proof thus protecting the integrity of the data and the admissibility of digital evidence.

Increase Data Security

The M-DISC™ cannot be altered once created, adding certainty of data integrity. Information can also be encrypted at whatever strength is dictated by organizational security standards. The M-DISC™ does not degrade over time so organizations can have confidence that critical information will be available for any critical application.

Data Integrity

Digital information that needs to be kept due to government mandate or company policy must be accessible for a fixed number of years. This time period could be five to seven years, or in the case of medical records, the lifetime of the patient. Current solutions require that the records be actively managed to ensure the integrity of the data. The Millenniata Solution allows information to be stored without having to refresh or verify that the digital data will be available in the future. The M-DISC™ can then be read back in current Blu-Ray and DVD players when needed.

