



M-DISC™ SOLUTIONS OVERVIEW

Permanently Preserve Digital Information

Government and private organizations need to permanently store large quantities of digital information. The loss of this critical data could have dramatic and far-reaching consequences. That's why the integrity and accessibility of the stored information is paramount.

The M-DISC™ Write Once, Read Forever™ optical technology sets a new standard for permanent digital storage. Using patented stable, inorganic materials, information is permanently etched onto the M-DISC™ using DVD and/or Blu-ray compatible M-DISC READY™ drives. The M-DISC™ is readable by current Blu-ray and DVD drives, making it easy to access and transport your digital information.

How Does it Work?

M-DISC READY™ drives use a higher laser power to carve grooves in advanced materials, new to optical discs. These materials are unaffected by the elements that normally cause disc degradation. 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 due to the degradation of organic dyes exposed to light, heat and humidity. Once written, the M-DISC™ is readable in current Blu-ray and DVD players, making access to information safe and reliable.

Write Once, Read Forever™

M-DISC™ optical storage solutions provide a dramatic increase in the reliability and security of digital information and records. The M-DISC™ does not require any special long-term storage, which means organizations can reduce energy costs and keep physical copies on-hand without concerns of data corruption or loss. M-DISC™ provides a reliable, stable medium resulting in easily accessible archived data.



Preserve Chain of Custody Records

M-DISC™ storage solutions provide new safeguards to meet the most demanding chain of custody requirements. Digital information stored on the M-DISC™ is permanent, dramatically decreasing the risk of losing evidentiary information due to the age of the media or other factors. Each M-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

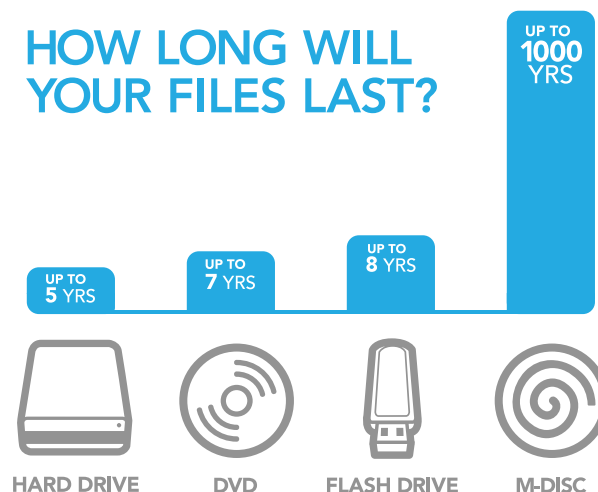
Once created, the M-DISC™ cannot be altered, adding certainty of data integrity. Information can also be encrypted at whatever strength is dictated by organizational security standards. The M-DISC™ does not degrade over time so organizations can have confidence that information will be available for 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 as short as five to seven years, or as 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

M-DISC™ 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 be read back in current Blu-ray and DVD players when needed.

HOW LONG WILL YOUR FILES LAST?



Visit MDISC.com for more information and a list of all compatible drives.