Why All Pro Solutions Archiving & Storage

Why go with All Pro Solutions Data Archiving and Storage Solution

All Pro Solutions offers a truly unique data archiving and storage solution. Data is automatically archived to discs, usually Blu-Ray Discs, then indexed into a storage database allowing every single file on the disc to be searchable. The discs are cataloged and stored in a secure offline cabinet. The cabinet contains a touchscreen allowing searching and other functions. The only way the data on the discs can be accessed is if someone physically takes the discs out and accesses them through another PC. The benefits of this solution include:

▸ Physical Data Security
▸ True WORM Format (Write Once Read Many) – Data on discs cannot be removed or altered.
▸ Fire Safe – Metal Cabinet
▸ Long-Term Storage – Lifespan of Archival Blu-Ray Discs is approximately 100 years.
▸ Catalog and Track Discs – Maintain Chain-of-Custody through extensive logging
▸ Easily Retrieve and Present Discs when required as Evidence.

Why should you consider a secure offline archiving and storage solution from All Pro Solutions over the following types of storage?

1. Cloud Storage
2. Local Servers – Hard Drives
3. Tape Storage

The answers are clear:

1. Cloud Storage – Not safe and not nearly as secure as you are led to believe. Expensive, and costs change each year causing difficulties in forecasting and budgeting. Can't be 100% sure where exactly the physical servers are hosted, or even in which country, posing a security risk nightmare. Data is generally owned by the storage company NOT the customer. Can't be 100% sure who is accessing your data internally or externally, throwing any hopes of maintaining Chain-of-Custody into disarray. If the Pentagon is constantly being penetrated and hacked, how safe is another company's cloud?

2. Local Servers – Hard drives are always running, regardless of HDD or SSD. Servers generate lots of heat and consume lots of power. Government regulations and/or policies require replacing hard drives generally every 3-5 years. Constant data migration can result in data loss. General wear & tear deterioration of the hard drives can also result in data loss. Data on hard drives can be easily accessed, removed, or altered, both accidentally and intentionally. Hard drives can generally fail or become corrupted randomly and without warning in most cases. Average lifespan of hard drives is 3-5 years.

3. Tape Storage – Many similarities with hard drive storage. Electro magnetic based. Regulations and/or policies require replacing tape drives generally every 5-10 years. Constant data migration can result in data loss. Tape drives are similar to VHS tapes and can be easily damaged if handled often or improperly. Data can also be easily removed or altered. Takes a longer time to find data due to the need to spool the tape to the proper location (think VHS tapes rewinding or fast forwarding). Average lifespan of tape drives is 5-10 years. Tape formats generally become obsolete after 10 years, resulting in the need for a format change, risking further data loss or data corruption.

What is one thing all three storage options above have in common?
An Electro Magnetic Pulse (EMP) will destroy the data in each case. EMPs do not affect optical discs like Blu-Ray.