

## ABOUT THE OWNER, KEVIN V. BLUML, EnCE\*

He has been in the computer industry for many years. His programming experience ranges from microprocessors to minicomputers and up to Cray supercomputers. He has designed hardware interfaces and written diagnostic programs for a variety of peripheral devices including disk drives. He has been an investigator for over twenty-three years. He has been performing Computer Forensics investigations and Data Recovery full time for seventeen years. With in excess of 2,500 drive examinations, and data recoveries, and both deposition and court testimony (qualified as an expert in both State and Federal courts), he is eminently qualified to handle your most complicated, sensitive or involved cases.

\*EnCE – Encase® Certified Examiner

Kevin V. Bluml - President/Chief Examiner - Computer Forensics Consulting LLC - Eden Prairie, MN

### Experienced, Trusted

To request a service quote or to obtain a copy of Mr. Bluml's CV, please email [consulting@computerforensicsconsultingllc.com](mailto:consulting@computerforensicsconsultingllc.com), visit [www.computerforensicsconsultingllc.com](http://www.computerforensicsconsultingllc.com) or call:

# 952.454.6951

**If your data is there, we will find it. We look at multiple levels with multiple tools.**

Need a Data Recovery or Computer Forensics examination?

Stop using the computer or device!

Shut it down or turn it off to prevent any changes to the data or to help with the recovery. Continued use could make data unrecoverable or severely impact later analysis. Secure device and document the date and time.

If you suspect current activity could be damaging or erasing data - unplug the computer or device immediately. Don't wait for a normal shutdown - it may be too late.

Call Computer Forensics Consulting for help.



Computer Forensics Consulting LLC  
Eden Prairie MN  
952.454.6951

[consulting@computerforensicsconsultingllc.com](mailto:consulting@computerforensicsconsultingllc.com)  
[www.computerforensicsconsultingllc.com](http://www.computerforensicsconsultingllc.com)

EXPERIENCED, TRUSTED

# Data Recovery & Computer Forensics Services By Computer Forensics Consulting LLC



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# Data Recovery

There are many reasons to need a data recovery service:

- Deleted files
- Hardware malfunctions
- Errors when trying to boot system
- Media or electronic failures
- Formatting a device by mistake or when attempting to correct system errors
- Damage caused by malware, viruses, software or hardware failures
- Electrical failures caused by power problems, surges, lightning, static discharges
- Power failures
- Blue Screen of Death (BSOD) a.k.a. Windows Stop errors
- Accidents, floods, fires, and other disasters

Damage caused by physical media or electrical failure may require specialized repair techniques or processes, including access to a special clean room to prevent additional damage to the data.

Data can be recovered from many storage devices besides normal disk drives found in or attached to computers, including but not limited to:

Digital Cameras, music players, digital video recorders, small removable devices such as memory sticks, flash drives, other USB or Firewire devices, removable disk drives.

If you inadvertently deleted your prized family photos, there is a good chance they can be recovered if you stop using the computer or device they were stored on right away and get professional help from

Computer Forensics Consulting LLC. The same is true for digital audio or video recordings of family events.

## Password lost or unknown?

Data can be easily recovered from computers where the logon password is lost or unknown due to circumstances beyond your control. An example of this need would be when there has been a death and no one knows the logon information for a computer that may have important business or family financial information that needs to be retrieved.

A related situation would be a password protected file. Most files can be opened or the password cracked with special software.

Contact Computer Forensics Consulting LLC for help with either of these situations.

## Data Destruction or Removal

A related but actually opposite issue to data recovery is data removal or destruction.

If you want to dispose of, donate, sell or in some other way get rid of a device that has data on it, serious thought should be given to data removal or destruction. Simply deleting all the data or even formatting the device will NOT eliminate the data. Special software or procedures need to be used to eliminate the data. If not done properly, data can still remain. If that data contains personal information such as tax or financial information, there is a serious risk of identity theft or other misuse of your data.

Contact Computer Forensics Consulting LLC for help with secure, guaranteed data removal from any digital device.

# Computer Forensics

The Computer Forensics field is coming of age – the courts are far more accepting of electronic data than they were even just five years ago. Recent Federal Civil discovery rules have helped to firm up what the courts are willing to do when dealing with Electronic Data. (See FRCP Rule 26 – revised 12/1/2006)

Examples of Computer Forensics focus areas:

- Recovering deleted data – from simple deletes to involved attempts at hiding/removing data
- Determining when something happened or didn't happen – what exactly do all of those times and dates really mean?
- Email analysis and recovery – did your client's critical data just get sent to a competitor?
- Determining if data just walked out with the departing employee, spouse, or friend.
- Explaining it all to a judge or jury
  - This is a unique skill that takes experience, knowledge, time, expertise and creativity to make it understandable.
  - Something seemingly as simple as the clock on the computer and whether it is or was accurate or had been changed can make or break a case.
  - What is the significance of the timing of the removable device being attached to the computer (and how do you know it was done) with the times and dates of the critical files?