

Powerful photo enhancement tools -

**combined with critical information tracking
features**

**help ensure you will discover the
convicting evidence you need**

**and reduce the risk of breaking your
chain of custody.**

[Date]

Dear [Name],

When the forensic team entered the small Kirkland, WA apartment, there was little evidence to go on. Eric Hayden had done his clean-up well after he brutally raped and then murdered his neighbor.

As the team meticulously combed the scene, they discovered a bed sheet that had inadvertently been left behind. It contained a set of faintly recognizable, bloody handprints.

The sheet was turned over to a digital image expert, who photographed the handprints. Then, using advanced photo enhancement software, the technician was able to remove the bloodstain, eliminate the pattern in the fabric, and clearly reveal the palm print from the right hand and several easily identifiable fingerprints from the left hand.

During a lengthy Kelly-Frye hearing, Eric's attorney tried to do everything possible to have those latent prints suppressed. But the evidence was undeniable. An unbroken chain of custody had been established and the exact procedure to lift the print was duplicated right in the courtroom.

Today, Eric Hayden is serving a four-term life sentence thanks to a fine prosecuting team, some savvy forensic work, astute jurors, and powerful photo enhancement software.

Combine Your Acute Forensic Skill with Powerful Image Processing

Evidence photography is and always will be essential to accurately stipulating the facts. Ideally, every situation would have the perfect lighting, just the right contrast, and the exact perspective to clearly reveal all the facts available on a crime

But you and I both know that we don't live in that kind of perfect world. More often than not, crimes occur at night or in dimly lit buildings. Evidence is often stashed away in hard to reach places. Sometimes, like in the Eric Hayden's case, it can be obscured or absorbed into something as simple as a bed sheet. Surveillance and security systems are often poor quality or faulty, delivering only grainy or shoddy images.

And that is exactly why powerful image enhancement tools are so vital even essential - to your investigative efforts.

Not All Image Enhancement Software Is Created Equal

Making the wrong choice about image enhancement software cannot only be costly, but it can create serious performance issues down the road.

Data loss, image corruption, slow processing and adjustment times, faulty color rendition, and poor enhancements are just a few of the headaches that can lurk inside some systems.

Here's the brutal reality: your image enhancement software can make or break a case. Far too many investigators have discovered this the hard way.

Uncovering Signs Of A Real Solution

With so much at stake, you may be wondering what vital elements to look for in an image enhancement solution. I have a few suggestions for you to consider. Many of these features will allow you to produce extraordinary results, even from the not-so-perfect originals we discussed earlier.

Simply put, you and others who are so key to a successful investigation and prosecution will not only see *more* of the evidence, but will see the evidence *more clearly*.

For example, Richard Boswell, a former Chief of Police in Utah and currently a private investigator, says that digital technology has drastically improved conviction rates.

"Not too many years ago, we used film and in some cases Polaroid's to capture crime scenes, accident locations and assault evidence. It was expensive. It was time consuming. And it was difficult to share. Today, that has all changed. A stack of crystal clear, immediately available images goes a long way in building and winning a lot of cases."

Best of all, the right tools can also tighten up your chain of custody, ensure bulletproof authentication, and reduce time wasted on needless Kelly-Frye hearings.

7 Essential Elements

Here is a list of critical elements you should look for:

1. **RAW Formats** Without getting overly technical, this format is the “negative” of digital images. Consider this: when you move from a RAW format to a JPG format, you immediately lose at least 50% of your photo detail and potentially vital evidence.
2. **Safeguarding EXIF Data** This essential data is recorded by your digital camera and stored with your image file. It includes date, distance from subject, f/stop, and aperture. If your camera is so equipped, it can even include things like GPS data and room temperature. It is non-editable and is therefore vital authentication data.
3. **Clear Zoom Levels** Being able to zoom in while retaining image integrity is essential. A powerful digital zoom can help micro blood spots become apparent, fingerprints appear unmistakably, and tiny, unnoticed hairs easily get discovered. You can even pan a photo from side-to-side easily when you're fully zoomed in.
4. **Effortless Scanning and Photo Sharing** Not all police forces are fully digital. In fact many rely on film. Because of this your photo enhancement software must be able to quickly and easily interface with scanners, cameras, and other computers. Once inside your system, it is paramount you have the ability to share images with your colleagues, attorneys or others -- while securing originals at the same time.
5. **Harmonizing Basic and Advanced Features** You must have the ability to quickly and effortlessly perform routine image enhancement tasks such as crop, straighten, zoom, enlargement, “noise” reduction, etc... But, you must also have the option to move effortlessly into advanced tools that are powerful, effective, and intuitive to use.
6. **BW and Infrared Filters** Most of your photos, digital or film, will be taken in color. But sometimes black and white or infrared light can reveal details that are drowned out or lost in the color.
7. **Advanced, Non-Invasive Help and Tutorials** I saved this for last because it is one of the most important. New software comes with a learning curve. This can be costly, not only in time and money, but in mistakes. Your image enhancement software must be intuitive with in-depth, non-invasive help systems so it can not only be learned, but also mastered, in a relatively short and inexpensive time period.

If anything in the above list sounds intimidating or too technical, please let me assure you that I understand your concerns. I realize your job is to be a central part of a sophisticated crime solving team not worry about struggling with new software.

That is why I believe you'll find my invitation to examine our specific image enhancement solution a worthy one because it will easily meet all your requirements, and then some.

Professionals Need Solid Facts

Corel Paint Shop Pro X. This powerful image enhancement program satisfies and in most cases exceeds all seven criteria we discussed. In fact, it is the only image software on the market today that meets the rigorous demands I laid out in point #7 [Advanced, Non-Invasive Help and Tutorials](#).

Because you are someone who deals with facts, not hearsay, I am including this comprehensive information packet. The brochure gives you quick details on how **Corel Paint Shop Pro X** addresses your image enhancement and information needs.

But it's only a start. To really put **Corel Paint Shop Pro X** through its paces, I invite you to install the complimentary, fully functional version you'll find on the enclosed CD. Then refer to the Project Cards I have included to complete some common image enhancement tasks. I think you will find that **Corel Paint Shop Pro X** is the most powerful and easy-to-use program of it's kind.

In addition, a flexible licensing program makes **Corel Paint Shop Pro X** the affordable choice. In fact, *for hundreds of dollars less*, it accomplishes much more than other similar programs.

More than that, I believe you will discover what so many other professionals and forensic teams now know: **Corel Paint Shop Pro X** delivers the image enhancement capability and information tracking tools you need to uncover convicting evidence and ensure an unbroken chain of custody.

Sincerely,



Mark Rathwell
Senior Product Manager

P.S. There is one other essential research source not in the Corel Solutions for Imaging kit: [Your Corel Paint Shop Pro X field representative](#). To ensure you possess all the facts, I have asked one of our field professionals to contact you in the very near future. They have an in-depth command of all the features that **Corel Paint Shop Pro X** offers and how each one can help you. If you'd like more information sooner than later, please call toll-free to 1-800-000-0000 **or register for a FREE webinar at www.corel.com/pspxwebinar**.