

Striking

the Heart of Internet Victimization –

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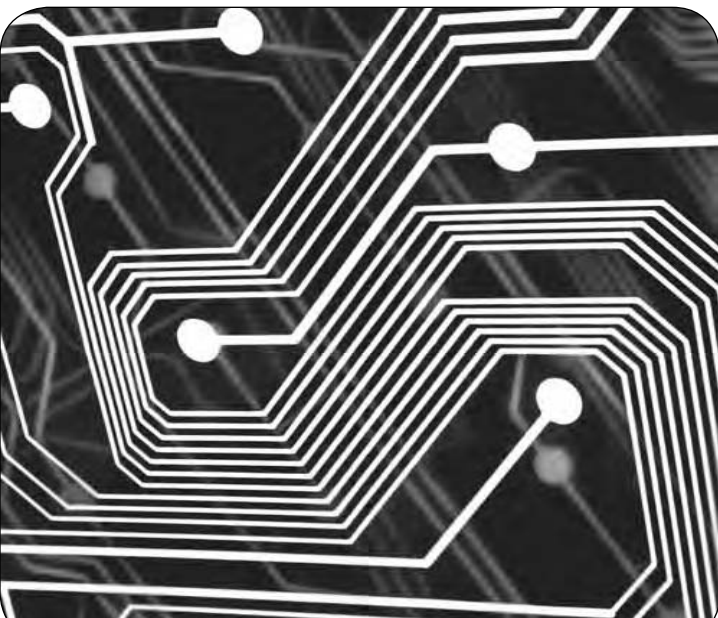
Using new Technology to tackle High Tech Crimes

Throughout the history of law enforcement, nothing has influenced criminal activity and investigative techniques more than technology and its rapid advancement. While technology has provided law enforcement with greater resources, it has also provided the criminal element with new and innovative ways to victimize society.

Beginning in 2005, the Central Point Police Department (www.cp-pd.com) created the first ever High-Tech Crimes Unit in Southern Oregon. What started as one Detective working on Central Point Police cases quickly evolved into a regional multi-jurisdictional Task Force boasting one of the most advanced and well equipped digital evidence forensic laboratories in the State of Oregon.

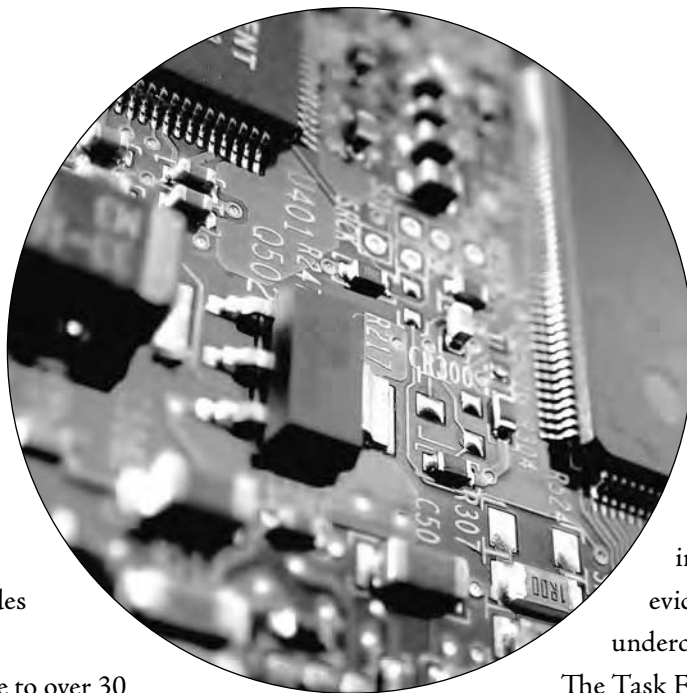
In January 2007, the Southern Oregon High-Tech Crimes Task Force (www.HighTechCops.com) was established. In August of that same year a brand new state-of-the-art facility was constructed to house the Task Force inside of the former City Hall for the City of Central Point. Within this facility there is a digital evidence forensics lab, two administrative offices, a secure evidence vault, and a classroom equipped with over 18 computers to teach both the public and other law enforcement agencies about technology and Internet safety. The lab is equipped with several new forensic workstations, some of those include; an Apple forensic workstation, a dedicated workstation for mobile devices such as cellular phones and PDA's, forensic laptop computers, as well as an array of additional high-tech hardware. The forensic examiners have a vast library of cutting edge forensic software available to them at all times within the lab and they have the ability to use all of these tools in the field when the situation dictates.

The Task Force is currently staffed with a Sergeant from the Central Point Police Department, a Detective with the



Medford Police Department, and a Crime Analyst / Support Specialist from the Central Point Police Department as well. The Task Force currently provides forensic services and investigative assistance to over 30 federal, state and local law enforcement agencies throughout the State of Oregon. In the near future the Task Force hopes to expand to include more local agencies who have pledged their support in dedicating sworn personnel to this excellent facility.

The lab is equipped with its own dedicated network which includes a server, a Storage Area Network (SAN), and a tape backup solution – thus, ensuring the containment and security of the lab’s vital information and evidence. All evidence that is forensically imaged is done so directly to the SAN, therefore allowing the investigators to look at evidence from any workstation and it also eliminates the need to house multiple individual hard drives. With the intricate network system the lab also utilizes rainbow tables and distributed network attack (DNA) to expedite the cracking of passwords. Another security component to the lab is the free independent Internet line provided by a local service provider that is strictly for



undercover Internet investigations. This allows investigators to conduct online investigations without the fear of being identified as a law enforcement agency by suspects or system administrators.

The Task Force is divided into three equally important components; reactive investigations (forensic examinations of evidence), proactive investigations (online undercover operations), and public education.

The Task Force receives or initiates four new cases every week, and normally conducts three to four public education courses monthly on topics ranging from online safety for parents and children, online identity theft prevention, and online sexual predator awareness. The Task Force also conducts regular training for law enforcement and other governmental agencies on computer crimes, online investigations and proper search and seizure techniques.

In addition to having certified, highly skilled forensic computer examiners (one of which has been qualified as an expert witness), the Task Force has locally created a vigorous law enforcement presence on the Internet by conducting proactive investigations to identify, arrest, and hold accountable those who choose to use the Internet to commit crimes. The Task Force has been responsible for multiple arrests of individuals involved with all types of high-tech crimes; however

its primary emphasis has been on those who are exploiting children.

The Southern Oregon High-Tech Crimes Task Force takes great pride in its 100% court conviction rate.

In addition to securing convictions for crimes such as encouraging child sexual abuse, child pornography, and computer crime; members of

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the Task Force routinely present evidence of forensic findings for other agencies for a myriad of crimes including; homicide, major assault, sexual abuse, child abuse, narcotics, arson, extortion, identity theft, and more. In many instances the evidence located by the Task Force during a forensic examination is so incriminating it prompts a guilty plea by the suspect and a court trial is not necessary.

The Task Force is primarily funded by the City of Central Point with supplemental funding from contracts held with other police agencies across the State of Oregon. Agreements with federal agencies have also been secured allowing the Task Force

to receive asset forfeiture funding and grants. Thanks to the foresight of Chief Jon Zeliff of the Central Point Police Department and the willingness of the Central Point City governing body the Task Force is able to remain successful and innovative.

Within the coming months the Southern Oregon High-Tech Crimes Task Force has plans to add a forensic video solution to the lab unlike any other seen our region. This new forensic video component will assist law enforcement with the analysis and enhancements of video evidence to aid in areas such as suspect identification and courtroom presentations.



Josh Moulin



From the case files of the Southern Oregon High-Tech Crimes Task Force

After receiving a Cybertip from the National Center for Missing and Exploited Children (NCMEC) the Southern Oregon High-Tech Crimes Task Force sought and received a search warrant for the residence of Mark Ray Doty (pictured below) located in Central Point, Oregon. During the execution of the search warrant multiple evidence items were collected and later forensically examined by the Task Force.

At the conclusion of the investigation, Mr. Doty was arrested and lodged in Jackson County Jail based on the findings of child pornography located on the digital evidence. The forensic examination revealed that Mr. Doty was using Yahoo! Messenger to locate young boys on the Internet. Over 1000 chat logs were recovered during the analysis and it was determined that Doty, using the screen name of "bondagemaster420" would ask young boys to perform various sexual acts in front of a webcam for Doty to watch.

When the boys refused to comply with Doty's request, Doty would then identify himself as a member of the Oregon State Police (which he was not) and tell the boys if they did not perform the sexual acts, he would send the Police to their home, seize the computer and notify their parents of their online activities. Believing Doty was really a member of the Oregon State Police, many of the boys would perform the requested sexual acts on camera. Several of the webcam videos were recovered from the computer.

Doty pled not guilty and during a trial was convicted of all counts of Encouraging Child Sexual Abuse and sentenced to prison. Doty was also sentenced to 10 years of post prison supervision and was registered as a sexual offender.

