

# CATCH

**C**omputer

**A**nd

**T**echnology

**C**rime

**H**igh Tech Response Team



**Lisa Weinreb, DDA**

**C**omputer  
**A**nd  
**T**echnology  
**C**rime  
**H**igh Tech Response Team



**Lisa Weinreb, DDA**  
**(619) 531-3660**

# A Growing Presence

- San Diego is the new “Wireless Valley”
- San Diego is the 7<sup>th</sup> “Most Wired” city in the nation
- 60 - 75% of San Diegan’s own a computer



# San Diego's High Tech Industry

---

- Home to Nokia, Ericsson and Motorola have a collective worth of over 536 billion dollars.
- Including Qualcomm, they employ over 9,000 in San Diego alone
- San Diego has over 500 Software companies that employ more than 10,000 people.
- San Diego has the third largest concentration of biotech companies in the US.

# AS A RESULT

---

- High Tech Crimes Have Dramatically Increased.





# High Tech Crimes....

---

Where computer/technology is an instrumentality of the crime or is the target of the crime

or

Where a specialized understanding of technology is required to investigate the crime



# Why the task force approach?

- Early Triage
- Proper response for victims
- Greater number of crimes solved
- Shared resources
- Vertical prosecutor available 7/24
- Access to increasing funding
- Use of state-of-the-art hardware, software, and equipment
- Investigators develop an area of expertise
- Access to nationwide network to assist in local investigations



# Responsibility of Task Force

---

- Initial response and follow-up investigation of all high tech crimes in member agency's jurisdiction
- Gather data for Legislature on scope of impact on region of high tech crime
- Coordinate investigations with other task forces
- Training programs for front line officers



# Task Force

---

- CATCH is one of five task forces throughout California funded by the State of California Office of Criminal Justice Planning (OCJP)
- Responsible for prosecuting high tech crimes in a multi regional area.





# Task Force Contacts

---

## NC3TF

455 Devlin Road, Suite 207  
Napa, California 94558  
(707) 253-4500

## REACT TASK FORCE

950 South Bascom Ave #3011  
San Jose, CA 95128  
San Jose FBI  
(408) 494-7186

Sacramento Valley Hi-Tech Crimes Task Force  
4510 Orange Grove Avenue  
Sacramento, CA 95841  
(916) 874-3002

## CATCH Task Force

330 W. Broadway, Ste. 750  
San Diego, CA 92101  
(619) 531-3660

## LA/Orange/Ventura Task Force

High Technology Crimes Unit  
Los Angeles County District Attorney's Office  
201 N. Figueroa Street, Suite 1200  
Los Angeles, CA. 90012  
(213) 580-3272





# CATCH FUNDING

- CATCH is grant funded
- Two different grants
- ID Grant
- HT Grant
- Over a 3 million dollar budget

- Location/lease
- Personnel
- Computer Equipment
- Supplies
- Training of Officers
- Public outreach
- Prosecution



# Benefits of Participation

---

- Detectives will receive significant amounts of state-of-the-art training
  - P.O.S.T. and Non P.O.S.T. training
  - Includes travel
  - Detectives become greater resource to their own agency
  - Investigator Average: 10 weeks
  - Average Cost per Investigator: \$15,000
- Detectives will have latest technology available
- Member agencies relieved of response and investigation of all HT investigations
- Patrol officers receive training
- Participate as pioneer in growing problem
- Access to increasing amounts of funding



# C.A.T.C.H. Investigators

---

- San Diego County District Attorney's Office (8)
- San Diego County Sheriff's Department (3)
- San Diego County Probation (1)
- San Diego Police Department (3)
- California Department of Justice (2)
- California Department of Motor Vehicles (2)
- Riverside County Sheriff's Department (7)
- Riverside County District Attorney (1)
- Riverside County Probation (1)
- United States Secret Service (3)
- Federal Bureau of Investigation (2)
- Carlsbad Police Department (1)
- Immigration & Customs Enforcement (1)
- United States Postal Inspector Service (1)
- Internal Revenue Service (2)
- Office of the Inspector General (1)
- Drug Enforcement Administration (1)
- Defense Criminal Investigative Service (1)
- Imperial County District Attorney's Office (1)



# Task Force Model

---

- Law enforcement officers located at CATCH
- Verticle prosecutors assigned to the task force
- Law enforcement and prosecutors housed together
- Allows for more efficient exchange of information
- Cohesive working group
- With substantial collective knowledge of HT crimes



# C.A.T.C.H. Prosecutors Sept. 2003

---

- San Diego County District Attorney's Office
  - Three Full Time Prosecutors
- California Attorney General's Office
  - One Full Time Prosecutor
- Imperial County District Attorney's Office
- Riverside County District Attorney's Office
  - One Full Time Prosecutor
- San Diego City Attorney's Office
- United State's Attorney's Office

# CATCH

Project Director  
**Lisa Weinreb**

## High Tech

### PROSECUTORIAL TEAM

*DDA*  
Keith Burt  
*DAG*  
Tawnya Boulan  
Vertical Prosecutors

*Riverside DDA*  
Sam Long  
Vertical Prosecutor

*DAI Lieutenant*  
Steve Algya  
Law Enforcement Lead

### INVESTIGATIVE TEAM

Al Melancon, DAI  
Johnny Boulden, DAI  
Dave Decker, DAI  
Dave Hendron, DAI  
Ed O'Neill, DAI  
Steve Kozma, FBI  
James McKenna, IRS  
Anthony Orlando, IRS

Brian Blagg, SDPD  
Scott Brahin, USSS  
Jerry Camp, DMV  
Sondra Hester, DEA  
Adam Humeniak, ICE  
Torri Piper, US OIG  
Skip Stephenson, SDPD

Jim Blanco, SDSO  
Bruce Barron, FBI  
Bill Berrigan, DOJ  
Mark Kelly, SDSO  
Ron Pegues, IDAI  
Gina Tuccillo, DCIS  
Gary Williams, SDSO

Riverside  
Danny Feltenberger, RSO  
I. Mac Bostic, USSS  
Charles Cobb, RSO  
Greg Fellows, RSO  
Seth Hartnett, RSO  
Matt Hewitt, RPO  
Lance Mueller, RDAI  
Anthony Pelato, RSO  
Mark Potter, RSO  
Cynthia Sjoquist, RSO  
Jake Somers, DMV

## ID Theft

### PROSECUTORIAL TEAM

*DDA*  
Rafael Acosta  
Vertical Prosecutor

*ID THEFT*  
Fred Baclagan, DOJ  
Ray Juanengo, SDPO  
Melisa Llosa, USPIS  
Matt Lowe, CPD  
Ken Nelson, SDPD  
Randy Lawrence, DAI



# CATCH Partners

---

## Private Industry

- American Electronics Association  
- San Diego Council
- Computer Conversions
- Cox Communications
- Exodus Communications
- Qualcomm, Inc.
- Science Applications  
International Corp. (SAIC)
- San Diego Software & Internet  
Council
- Sony Corporation

## Agencies & Organizations

- Border Research & Technology  
Center
- High Tech Crime Investigators  
Association - San Diego Chapter
- Regional Computer Forensics  
Laboratory
- San Diego Regional Information  
Watch (SDRIW)
- San Diego Supercomputer Center

# New Twist on Old Crimes

---

- Fraud (Schemes and Credit Card)
- Identity Theft Stalking and Harassment
- Threats & Extortion
- Counterfeiting & Remarking computer hardware and software



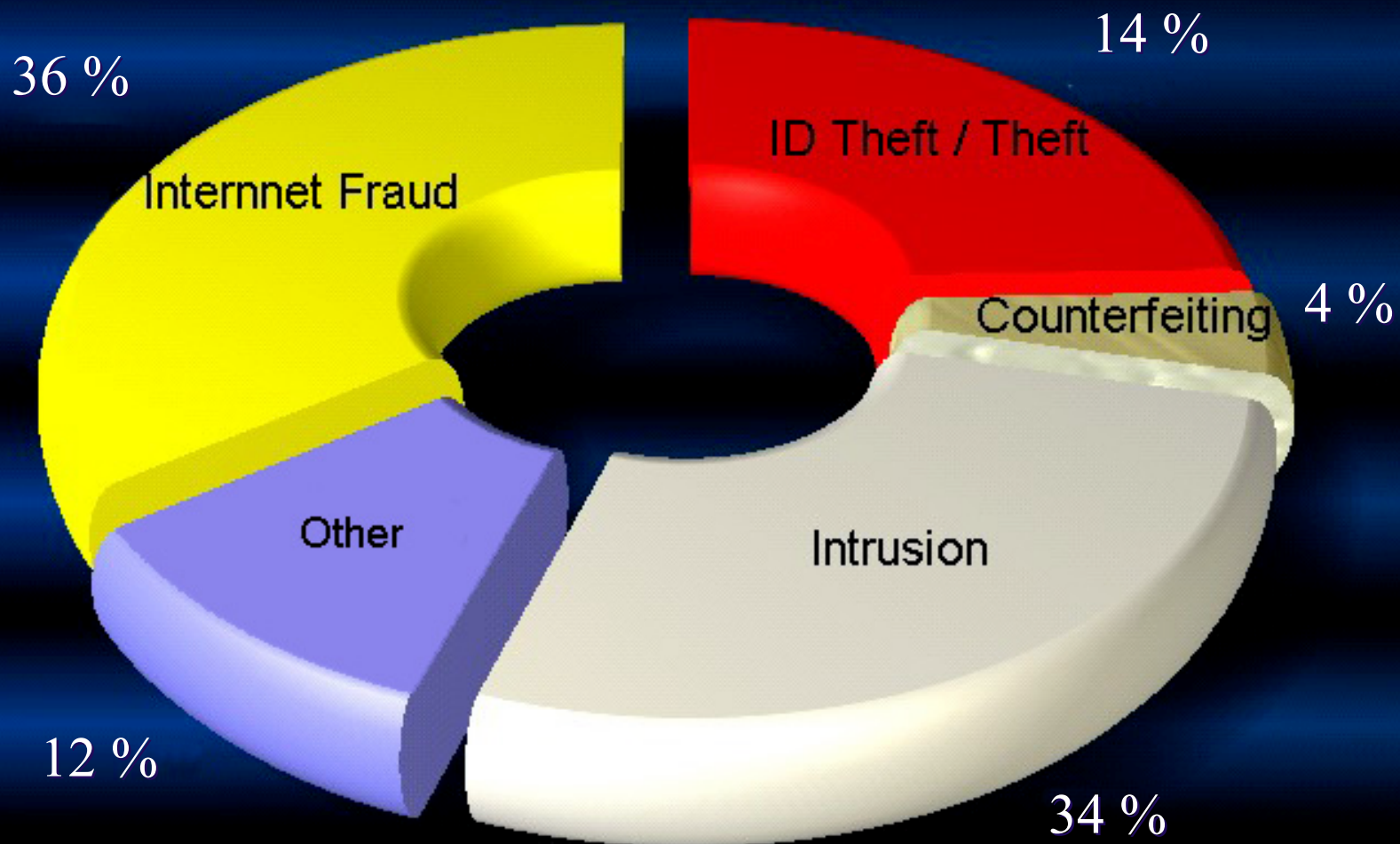
# New Crimes

---

- Denial of Service Attacks
- Web Defacement
- Viruses
- Worms
- Trojans
- Malicious Destruction of Data



# Cases Investigated



# C.A.T.C.H. Operations

July 2001 – August 2003

---

- Defendants Investigated: 611
- C.A.T.C.H. Agency Assists: 106
- C.A.T.C.H. Forensics: 131
- Defendants Arrested: 217
- Defendants Charged: 217
- Defendants Convicted: 168
- 4003 Officers Trained
- 44 Citizen Groups Addressed



# Victim Losses

July 2001 – August 2003

Number of Victims: 42,871

Victim Losses: \$29,562,100

# UK Case





# Spammers



# Early Lessons

- Task Force expertise has been a critical resource in all regions
- Business reporting is increasing
- “High Tech” cases cross all boundaries
  - Modern law enforcement must keep up






# Success of Task Force Approach

- Proper response for victims
- Greater number of crimes solved
- Shared resources
- Vertical prosecutors available 7/24
- Access to nationwide network to assist in local investigations
- Investigators receive significant amounts of state-of-the-art training
- Investigators become greater resource to their own agency

# CATCH

Computer And Technology Crime High-tech Response Team

C.A.T.C.H.

- 
- home
- about
- jurisdiction
- participating agencies
- filing a complaint
- peace officers guide

Wireless Warning

## Home

The Computer And Technology Crime High-tech Response Team, or "CATCH," is a multi-agency task force formed in June 2000 to apprehend and prosecute all criminals who use technology to prey on the citizens of San Diego, Imperial and Riverside Counties.

CATCH believes that high-tech crime investigation requires information sharing and cooperation among all levels of governments and without regard to traditional jurisdictional boundaries. Consequently, CATCH was formed with law enforcement from three counties and from local, state, county and federal law enforcement agencies.

CATCH also includes vertical prosecutors assigned from all jurisdictions in which CATCH operates. This promotes the most thorough prosecution of the high-tech cases and provides for rapid communication between all levels of government.

CATCH recognizes that cooperation between it, the other state high-tech task forces, and the private sector industry is critical to the success of CATCH. With members including SAIC, Sony, American Electronics Association, Cox Communications, UCSD and Qualcomm, CATCH has the support of a dynamic Steering Committee to assist CATCH in the assessment of crime risk and to prioritize high technology crime targets in the region.



# CATCH

Computer And Technology Crime High-tech Response Team

C.A.T.C.H.



[home](#)

[about](#)

[jurisdiction](#)

[participating agencies](#)

[filing a complaint](#)

[peace officers guide](#)

## About

San Diego County has enjoyed significant growth and recognition due to the technology infrastructure that has developed here and was recently dubbed, "the new wireless valley" and a "technology hub." This is a reflection of the changing face of our region's economy and the welcome presence of innovative companies comprising our technology industry.

An important component in reshaping San Diego into a technology hub has been the cooperation between our region's corporations and law enforcement. The phenomenal growth and success of the local High-Tech Crime Investigators' Association (HTCIA) chapter is a proud achievement for the region's technology industry and law enforcement and is an example of the benefit to our citizens that results from private industry and public government partnerships.

Unfortunately, accompanying the benefits of a thriving technology-rich society is the accompanying increased criminal activity as criminals use technology to devise new schemes and expand old ones. Such criminality impacts both the profitability for technology industry and the safety and security for the individual citizen. A state sponsored study released in February, 2000 found that a conservative estimate of the impact of technology crime in California over the past few years was \$6.5 billion dollars in industry losses and \$358 million dollars in tax revenue losses. To address the increasing impact of technology crimes, the law enforcement community has formed CATCH, a local, state, and federal task force dedicated to investigating and prosecuting criminals who commit crimes using or targeting high technology. CATCH is currently comprised of 11 investigators from local, state and federal law enforcement agencies, including the San Diego Sheriffs Department, San Diego Police Department, Federal Bureau of Investigation, San Diego County District Attorneys Office, California Department of Justice, Internal Revenue Service, Imperial County District Attorneys Office, and Riverside County Sheriffs Department. CATCH will also benefit from a vertical prosecutor assigned 7/24 dedicated solely to assisting the task force investigators with legal issues and to vertically prosecuting all state cases arising from the investigations. CATCH also includes designated prosecutors to vertically prosecute federal and local cases. Becoming operational on June 1, 2000, CATCH will join a statewide and nationwide network of task forces dedicated to battling criminals who attempt to exploit the technology industry or infrastructure for criminal gain.



# CATCH

Computer And Technology Crime High-tech Response Team

C.A.T.C.H.



## Jurisdiction

The geographical area in which CATCH operates is comprised of San Diego, Imperial, and Riverside Counties in Southern California. CATCH has the ability to investigate if a victim or a perpetrator is located in this region. While its headquarters is located in San Diego, CATCH has recently added a detachment to its team that is permanently located in Riverside County in order to help support a growing need in that area.

[home](#)

[about](#)

[jurisdiction](#)

[participating  
agencies](#)

[filing a complaint](#)

[peace officers  
guide](#)

computer and technology crime high-tech response team  
**CatchTeam.org**

# Participating Agencies

CATCH is a multi-jurisdictional investigative task force for San Diego, Riverside, and Imperial Counties. CATCH is a cooperative law enforcement effort that includes investigators from the following agencies:

- California Department of Justice
- Federal Bureau of Investigation
- Imperial County District Attorney's Office
- Internal Revenue Service
- United States Postal Service, Office of the Inspector General
- Riverside County District Attorney's Office
- Riverside County Sheriff's Department
- San Diego County District Attorney's Office
- San Diego County Sheriff's Department
- San Diego Police Department
- California Department of Motor Vehicles
- U.S. Secret Service
- Drug Enforcement Administration
- U.S. Department of Defense

CATCH also has vertical prosecutors assigned to it from the following agencies:

- California Attorney General's Office
- Imperial County District Attorney's Office
- Riverside County District Attorney's Office
- San Diego County District Attorney's Office
- San Diego City Attorney's Office
- United States Attorney's Office

# CATCH

Computer And Technology Crime High-tech Response Team

C.A.T.C.H.

## Filing a Complaint

**Internet Fraud Complaints** To file a complaint regarding internet fraud, to include internet auction fraud, please contact the Internet Fraud Complaint Center at <http://www.ifccfbi.gov>.

**All Other Complaints** CATCH investigates crimes in which technology is the target or the means by which a crime is committed. Such crimes include the following:

- Computer intrusions and denial of service attacks
- Threats received by e-mail
- Identity theft where technology is used to harvest data or produce counterfeit documents
- Credit card and ATM fraud committed online
- Theft of cable television services
- Software piracy and other copyright infringement matters
- High-tech cargo theft
- Computer component remarking

To file a complaint relating to a crime that falls into any of the above-listed categories, please contact your local law enforcement agency.

You can also contact CATCH by mail at the following address:

330 W. Broadway  
Suite 700  
San Diego, CA 92101

home

about

jurisdiction

participating  
agencies

filing a complaint

peace officers  
guide

computer and technology crime high-tech response team  
CatchTeam.org



# Peace Officers Guide

What crimes does CATCH investigate?

CATCH conducts both the initial response and/or the follow up investigations for all high tech crimes. High tech crimes are defined as:

- Crimes where technology is the target of the crime;
- Crimes where technology is the instrumentality of the crime; and
- Crimes where a particularized understanding of technology is necessary to investigate or prosecute the case.

Examples of these types of cases are:

Unlawful access, destruction of or unauthorized entry into and use of computer systems, and the theft, interception, manipulation, destruction, or unauthorized disclosure of data stored within those computers; E-mail threats; Identity theft where technology is used to harvest data or produce counterfeit documents; White-collar crime, such as automated teller machine and credit card fraud, committed by means of electronic or computer-related media or networks; Theft of telecommunications service, theft and resale of telephone calling codes, theft of wireless communication service, and theft of cable television services by manipulation of the equipment used to receive those services; Software piracy and other unlawful duplication of information; High-tech cargo theft, theft and resale of computer components and other high technology products produced by the high technology industry; Remarketing and counterfeiting of computer hardware and software; and Crimes of violence or adult sexual exploitation where the victim and the perpetrator communicated online and such communications are relevant to motive, identity, or intent.

What about child exploitation cases?

San Diego County is fortunate to have operating within it an Internet Crimes Against Children (ICAC) task force. ICAC investigates and vertically prosecutes cases involving the Internet and child exploitation. This includes child pornography and "traveler" cases where children are lured into liaisons via the Internet. ICAC investigators are available 7/24 by calling (619) 531-2509.

What can CATCH do to assist me?

CATCH has investigators and prosecutors available 7/24 to provide assistance over the phone or to meet you on scene. We can assist with the handling of electronic evidence, obtaining of search warrants, and general Internet and technology-based investigations.

High-tech crimes are often very time sensitive. Frequently the information you need to identify a perpetrator must be tracked down immediately or lost forever. Internet Services Providers (ISPs) frequently erase their logs after just a few days. We can help you identify who the ISP is that has your evidence and obtain or protect that information.

home

about

jurisdiction

participating  
agencies

filing a complaint

peace officers  
guide



- [Home](#)
- [Helping Victims](#)
- [Prosecuting Criminals](#)
- [Protecting the Community](#)
- [Inside the D.A.'s Office](#)
- [Read the LEQ](#)

## Protecting the Community

### • C.A.T.C.H. Team/High Tech Crime

San Diego County has experienced a high tech explosion over the past decade. Wireless communications giants, software companies and Internet-related businesses have transformed the County's economy. Accompanying the growth, however, has been a rise in technology crime.

To view news coverage of significant cases click on a link below.

**56k**  
[Spammers Prosecuted](#)



**Cable/DSL**  
[E-mail Threat](#)  
[Suspect Arrested](#)

To combat the trend, the San Diego County District Attorney's Office organized a specialized multi-jurisdictional task force dedicated to investigating and prosecuting high tech crimes. With the assistance of a grant from the Office of Criminal Justice and Planning, the unit began operations in its current form in June 2000, targeting crime in San Diego, Imperial and Riverside Counties. The task force is referred to as C.A.T.C.H., an acronym that stands for Computer And Technology Crime High Tech Response Team. The San Diego County District Attorney's Office is the lead agency for C.A.T.C.H., and the team includes individuals from local, state and federal law enforcement agencies.

C.A.T.C.H. is comprised of dedicated individuals from the following agencies:

- o California Department of Justice
- o California Department of Motor Vehicles
- o Defense Criminal Investigative Agency
- o Drug Enforcement Agency
- o Federal Bureau of Investigation
- o Imperial County District Attorney's Office
- o Internal Revenue Service
- o Office of the Inspector General

# CATCH

---

**C**omputer

**A**nd

**T**echnology

**C**rime

**H**igh Tech Response Team



**Lisa Weinreb, DDA**  
**(619) 531-3660**



**C**omputer  
**A**nd  
**T**echnology  
**C**rime  
**H**igh Tech Response Team



**Lisa Weinreb, DDA**  
**(619) 531-3660**