

# Security Vanguard



Mark Crosby, CPP

## Chairman's Corner April 2016

In preparing for our upcoming Resiliency 2016, I've had time to give some thought to the importance of business continuity and disaster recovery. As security leaders, we are the resident experts in risk management, and can be a tremendous resource to our organizations in making and guiding decisions to protect their most critical processes from disaster. If the worst actually happens, it's incumbent upon us to ensure that we've paved the way for the most effective and rapid restoration and recovery possible.

Our chapter will be holding its first Resiliency 2016 event this month in the Mandalay B room at the Circus Circus Hotel Casino. I encourage each of you to attend and to bring a guest who may benefit from the topic. This should be very informative and help get folks thinking about business continuity planning and disaster recovery. Even if you've got a good BCP/DR program in place, come out and hear new trends and thoughts on the subject. I hope to see you there.

You have also received an email from me, soliciting nominations for our 2016 Security Officer and Professional of the Year Award. We have added a new award this year in an effort to identify an officer demonstrating outstanding achievement or acts of valor as well. I encourage each of you to consider your colleagues and staff members for these awards.

Thank you again for your involvement and participation in the local ASIS Chapter. See you at the next meeting.

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## A beginner's guide to starting in InfoSec

A lot of ink has been spilt about the shortage of people trained in information security – especially about the shortage of women in tech and in this industry in particular. I was recently interviewed by Matthew J. Schwartz for a podcast in which we discussed this topic, and it seems to have struck a chord with a lot of people. I've received quite a few requests for information about how to get into this industry, especially for those who don't yet have a lot of technical experience.

Since this seems to be such a popular topic, I thought I'd devote a blog post to exploring it, so that more people can make use of this information (and please add your own experiences in the comments!).

The first thing I would recommend to folks looking to get into this industry is to take some classes on Information Security. You can do that in a school setting, or you can get education in the form of a training program, or as part of a conference depending on how comfortable you are with wading into this subject. Starting a college or university degree program could be considered jumping in headfirst as it can be rather a costly and time-consuming endeavor if you're not yet sure, but there are plenty of short-term and low-cost options if you would like to just dip your toes into the waters of computer security.

The next thing, but no less important, would be to join in industry groups or attend events so that you can meet security practitioners. Getting to know people who are in the security industry is not just a great way to find out what it's like on a day-to-day basis in your potential new career; it can be an essential part of gaining trust and recommendations when it comes time to find a position.

### Conferences, Meetups and Online Resources

If you're an absolute beginner in InfoSec, you're starting at the right place – by reading security blogs and magazines. Many of these webpages (ours included) also have webinars and videos where you can learn more about different aspects of security.

If you want to get a better view into what it's like to work in this industry, you can seek out Security Meetup groups and professional conferences in your area. There are annual Security besides conferences in most major cities, and these are free to attend. They are



an excellent way to meet local people in this field, and they can be a great way to dip your toe into presenting your research once you've got some InfoSec experience under your belt.

There are countless other security-specific conferences throughout the year, many of them generally about offensive or defensive security. A growing number of the conferences focus on more specific aspects of security or the security community. These conferences vary in cost from a few hundred dollars to a few thousand dollars for some of the year's largest events.

If you're already in your chosen career and looking to add to your InfoSec chops, a lot of IT conferences that are specific to industries such as Health, Education and Finance are adding security sessions or even content tracks devoted to security information. For example, this year's Health Information Management Systems Society (HIMSS) conference added a Cyber-security Command Center that had a special area devoted to security sessions and vendor kiosks.

### More in-depth training

Whether you've just completed your college or university degree program, or you're looking for a way to ease into more in-depth training in InfoSec, the SANS Institute trainings offer a wide variety of security topics at a wide variety of levels. I've taken their Reverse Engineering course myself and found it was a fantastic refresher course for me, on the tools and tech-

niques used to analyze malware. My classmates who were new to malware analysis found it to be a very approachable approach to a fairly technical subject.

The Black Hat Executive Summits will be happening in the US in a few months' time. This conference includes several days of training sessions before the Briefings sessions begin. (Though if you're interested in attending this year, act quickly as the sessions are already beginning to sell out) Both Black Hat and SANS Institute training sessions cost several thousand dollars, so while this is far less investment than a degree program, it may not be the best first step for absolute beginners.

### Trust, but verify

It's worth noting that while networking is a good idea whenever you decide to switch careers, this is doubly true in Security. Trust relationships are vital when dealing with sensitive and potentially harmful materials, as we do in this industry. My emphasis on joining security groups or attending security events may seem strange – but in this industry more than most, it is not enough just to know your craft well. You can be exceptionally proficient at either offensive or defensive security skills, but if people within the industry don't know you or trust you well enough to recommend you, you will have a very difficult time finding the job you seek. On the other hand, if people know you well enough to trust you and see that you are eager and able to learn quickly, you may be given the chance to prove yourself.



# What is business continuity?

## What is Business Continuity?

Business Continuity is defined by the International Standards Organization as the: "capability of the organization to continue delivery of services or products at acceptable predefined levels following disruptive incidents"\*

\*Source ISO 22300 Vocabulary

## Why is Business Continuity important?

Organizations of all types and sizes, public and private are effected all the time by "disruptive incidents". These can be extreme, such as a natural disaster or more likely something mundane, such as a burst water pipe, the loss of power or other services, ICT issues and other forms of incident that disrupts the normal work of the organization. The disruption caused usually impacts on the capability of the organization to perform its normal activities and as a consequence impacts on customers or other stakeholders, adding additional costs and creating the potential for losses in financial and even social terms.

Over the past 15 years Business Continuity Management (BCM) has emerged to become a powerful tool to help organizations manage the potential effects arising from disruptive incidents of all kinds, providing safeguards that helps protect them from the effects of the incident causing the disruption. The process used to manage Business Continuity is usually referred to as the Business Continuity Management System (BCMS).

For most organizations Business Continuity Management would usually encompass processes related to disaster recovery, crisis management, business recovery, emergency management and contingency planning.

Through the use of a BCMS organizations are far more able to predict and manage the threats posed by disruptive incidents and the potential consequences, reducing or even eliminating the costs or losses that would have resulted.

Business Continuity is not just an exercise for big business or the public sector. The principles used are applicable to all sizes of organizations and are just as effective in smaller organizations as they are in larger ones. Indeed, Business Continuity Management can bring significant benefits to smaller businesses enabling them to more effectively compete for contracts, demonstrate professional management and protect the interests of the owners.

There have been developed over the years providing a professional framework for Business Continuity and these include NFPA 1600 in the US, PAS 56 and BS25999 in the UK and, from May 2012, a global standard ISO 22301.

These standards have evolved to provide a Good Practice structure that can deliver the benefits of business continuity to organizations of all types and sizes.

Just think of your organization for a moment?

How many times over the past 5 years have you been disrupted? Was it weather, fire, IT failure, staff issues, supply chain issues or perhaps something else?

Do you know how much it cost the organization or how it really affected your customers?

Business Continuity Management would have reduced the impact and could even have helped you avoid the problems encountered completely.

# American Society of Industrial Security Northern Nevada Chapter #164 Secretaries Report

**Meeting Date: March 2, 2016**

**Location: UNR InNevation Center**

**Members Present: 21 Paid Guest: 7 Chapter Guest: 1**

## **Call to Order**

**Meeting called to order by: Chairman Crosby at 12:00 PM**

## **Welcome**

Chairman Crosby welcomed members and guest. Members stood and introduced themselves and their guest.

## **Secretary and Committee Reports**

A motion was made and seconded to waive all reports to provide adequate time for the speaker's presentation all reports will be presented at the April meeting;

## **Old Business**

Chairman Crosby thanked Ken Lightfoot for conducting an audit of the chapter's financial records.

## **New Business**

Chairman Crosby spoke about the upcoming Ted-Talk style chapter seminar on Business Continuity and related topics that the chapter is having on April 6, 2016. He encouraged members to be presenters. Each Presentation will be approximately 6-minutes.

Presenters Outlines are due by March 25, 2016 and can be emailed to John Puccioni at [ipuceio-ni@nvenergy.com](mailto:ipuceio-ni@nvenergy.com) or Kevin Schaller at [resilliencypartners@gmail.com](mailto:resilliencypartners@gmail.com). Chairman Crosby encouraged members to bring their staff, HR Managers and other interested community members to the seminar. People that want to be presenters

## **Speaker**

**Washoe County District Attorney Christopher Hicks**



Fisher, Anne. "U.S. Retail Workers Are No. 1...in Employee Theft." Fortune US Retail Workers Are No 1in Employee Theft Comments. N.p., 26 Jan. 2015. Web. 02 Mar. 2016.



**Topic: · History of Washoe County District Attorney's Office and Mission Statement and duties.**

DA Hicks was introduced. He gave a brief history of the Washoe County District Attorney's Office The District Attorney's Office started in 1864 the same year that Nevada became a

State DA Hicks is the 37th Washoe County District Attorney. His father, now a U.S. District Court Judge, was the 32nd Washoe County DA.

DA Hicks is a 4th Generation Nevadan. He attended UNR and UNLV He obtained his law degree from the Boyd Law School, at UNLV. He stated his law career at the Carson city District Attorney's Office as a Deputy DA under Carson DA, Noel Walters in 2005 DA Hicks was hired by the Washoe County DA's Office as a Deputy: Deputy DA Richard Garnick.

DA Hicks said his Wife is a Deputy DA for the WCDA's Office They have 4-children ranging age from 16 months to 3--years. Hicks said he is a family man and believes in Family first He encourages his employees to do the same. He is active in the community and has been a youth basketball and soccer coach. His mentor is the late NV Senator Bill Raggio, his uncle. DA Hicks described his job as very rewarding.

One of his first duties as WCDA Office was to seek justice in the Kathy Wood's case. Many years ago Wood's was arrested and convicted for the murder of women. She gave the police a confession in the case and after her conviction she was sent to prison. It was later proven through DNA, that Wood's did not commit the crime. One of DA Hicks' first duties after he was elected was to have Woods conviction reversed and released from prison.

As a Deputy DA, Hicks said that he has prosecuted many high profile cases in Washoe County, including the Beila Case that involved the rape and murder of Breanna Denison. Some of the more notable cases that he successfully prosecuted involved a case where a man owned a home and a rental home next door. The man ran a cable from his residence to his rental and installed a hidden camera in the bathroom of the rental and videoed the tenants in the bathroom; He was also convicted of sexually assaulting children and he was sentenced to life in prison.

He also prosecuted Jason Brown a man who adopted numerous small animals from



Animal shelters posing as an animal lover. Brown later tortured and killed the animals and videotaped his times. Brown was convicted and received a 28 year sentence.

DA Hicks said the WCDA's Office has a group of very talented experienced prosecutors. Since becoming DA he rarely has time to be in court but he occasionally gets a chance to attend trials.

DA Hicks said mission statements are important. The mission of the WCDA's Office is to::

Achieve Justice

Protect the community

Aggressively prosecute the worst offenders

Advocate for rehabilitation and drug programs for violators when possible

Advocate for victims

Represent the County Board of Commissioners

Advocate for the children who need it the most

The function of the DA's Office is to prosecute all felony and gross-misdemeanor crimes in the county and misdemeanors that occur in the unincorporated areas of the county. The DA's Office also has a Civil Division. The WCDA's Office is the largest law firm Washoe County. They are also responsible for Family Support collections when ordered by the

Family Court Family Support collected \$27,000,000 in 2015. In addition to prosecuting cases the WCDA participates in civil forfeitures and works with Washoe County Social Services to protect children and when necessary, terminate parental rights. DA Hicks said that his wife prosecutes major violators who commit crimes against children

He is very proud of the Child Advocate Center that opened in June 2014.

The mission of the center approving investigation and- to prosecute sex offenses committed against children. They take a multi law-enforcement team approach. Law-enforcement, attorneys, medical doctors and social services participate in the cases. Child victims are interviewed by councilors and the interviews are videotaped so that children don't have to be traumatized by numerous interviews. There have been over 500 interviews at the center since 2015 that resulted in numerous convictions of child predators. Thirty of them received a life sentence.

The average Washoe County Deputy DA has a caseload of 292 cases. In 2015 there were 46-jury trials with a 96% resulting in convictions.

The WCDA's Office also investigates and advocates for crime victims in a variety of ways including the use of victim advocates and therapy dogs.

The office also has a Fraud Check Diversion program and has collected over \$9,000,000 since it started. The program provides an alternative for people that write bad check to stay out of the criminal justice system with education. The check writer pays for all of the cost associated with the program including processing the check writer, a mandatory training class that they must attend and all cost and restitution.

The WCDA's Office has a Public Information officer and believes that the public should be informed. The WCDA's Office participates in investigate all Officer Involved Shootings that occur within Washoe County. .OIS reports are posted publicly on the WCDA's website.

DA Hick held a question and answer period following his presentation.

A drawing was held for door prizes.

Next Meeting Location: Wednesday, April 6, 2016 at 11:30 AM, at Circus-Circus in Reno  
Topic: Recovery and Resiliency.

Adjournment

Meeting adjourned at 1:48 PM

Michael S. Gach Chapter Secretary

Please be advised Future webinars will be offered and notifications will be sent out regularly.

If you feel you are not receiving these notifications please notify Mark Crosby

## ASIS Chapter #164

Mandalay B room at the Circus Circus Hotel Casino  
500 N Sierra St, Reno, NV 89503

(subject to change-check reader board)

Date: Wednesday, April 6th, 2016

Time: 11:00 AM – 1:30 PM (approximately)

Cost: \$20.00 per person

If you have any suggestions about the news letter please contact Michael Smith

<b>Chairman:</b>	<b>Mark Crosby</b>
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