

# The CommandPost

THE NEWSLETTER FOR NEGOTIATORS, INCIDENT COMMANDERS, SCRIBES, AND TACTICAL LEADERS

Presented By

**CCII** Canadian Critical  
Incident Inc.

Volume 36  
Spring Edition

# THE PRESIDENTS MESSAGE

Greetings,

I hope you have all been enjoying the winter weather. This season I had the opportunity to embrace the cold by partaking in an ice fishing trip, which was a refreshing break from the last few months of conference organization and course planning.

The 2014 Fall Conference was a tremendous success, which was largely due to the array of interesting and dynamic guest speakers, the venue, Inspector Scott Green and his dedicated team. The Guelph Police Service hosted an outstanding conference, which attracted over 200 attendees from various police and correction services. I would also like to say thanks again to those attendees who completed the conference feedback forms. The information is greatly appreciated, as it will be used to continue building and improving future conferences. The general comments provided constructive feedback that was very encouraging.

One major conference highlight was the presentation for the winner of the inaugural Exemplary Leadership in Critical Incidents Award to Major-General (ret'd) Lewis MacKenzie. It was a great honour to meet such a respected and admirable individual in critical incident commanding. MacKenzie has graciously accepted the Exemplary Leadership Award to be named after him. For future fall conferences, the Lewis MacKenzie Award will be given to police officer(s) or correctional worker(s) who have demonstrated great leadership during a critical incident.

CCII continues to make enhancements and improve the Crisis Negotiators Course, Critical Incident Commanders Course, Crisis Negotiators Workshop, Scribe course and related refresher courses. New accreditation by the Ministry of Community Safety and Correctional Services, via the Ontario Police College, adds additional value to these courses. Recent CCII courses have included: the Waterloo Regional Police Service hosting the Critical Incident Commanders Course; Sudbury hosting the Crisis Negotiators

Course; Niagara Regional Police Service hosting the Scribe Course; and the South Simcoe Police

Service hosting the Crisis Negotiators Refresher Course.

Over the last several months we have seen multiple hostage events take place around the world. The hostage taking at the Lindt Café in Sydney Austria and incidents in France have involved Islamist Militant groups, but more importantly, these events have brought further attention to negotiating with instrumental politically motivated criminals. The case in Sydney involved a hostage taker, Man Haron Monis, a self-proclaimed Islamic Terrorist, who held 18 hostages for 16 hours in a café. During that time he made several demands with deadlines, which included speaking with Australia's Prime Minister, Tony Abbott. Under the circumstance, I believe the New South Wales Police Service did an exceptional job.

These hostage taking events remind us of the value and tremendous responsibility a crisis negotiator has in relation to the incident command triangle. Hostage taking events can happen anywhere, including Canada, particularly with the recent terrorist arrest in Ottawa by the RCMP and Ottawa P.S., known as Project Servant, and the Via Rail train derailment plot that took place in 2013 which is now undergoing trial in Toronto.

Crisis negotiation training has an emphasis on knowing how to negotiate with the expressive criminal and potential hostages, which remains the most common type of call. However, with the growing rate of politically motivated terrorist groups emerging in Canada, we must undergo training to properly deal with the instrumental and politically motivated 'hostage taker.' Media sources often invite individuals they consider to be 'hostage negotiation experts' to discuss the unfolding events and provide opinions or commentary to the news organization. A major error that continues to persist during media coverage is the unnecessary and harmful use of

the word 'hostage.' As a trainer and former Crisis Negotiator, those in the field know that using the word hostage should be avoided; it can offer ideas to the potential hostage taker and/or

reaffirm to the suspect that they have possession and control over hostages. Referring to the hostages by their names (if available), or at the very least personalizing them to add meaning is crucial. A well-trained crisis negotiator can build and use the Survival Identification Syndrome to their advantage to gain longer conversations. The longer a conversation to work out deadlines and details takes, the higher the possibility that a rapport can be built with the suspect to enhance the likelihood of a successful tactical intervention.

The Stratford Police Service and CCII are excited to announce this year's Fall Seminar, at the newly renovated Arden Park Hotel, October 26 to 28, 2015. The format has been changed from conference to seminar, to allow a greater interaction with the attendees and enhance the learning experience. The upgraded Arden Park Hotel provides an excellent venue in the beautiful town of Stratford.

Take care and be safe,

**Tom Hart**

President

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**CCII Canadian Critical Incident Inc.**

"Make the Call Count"

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Crisis Negotiator Unit Team Leader and  
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Professor Frank Trovato  
Centennial College  
Community and Justice Services Program

Cst. Kris Size, O.P.P. Provincial Coordinator  
Crisis Negotiation Program





# PROFILING

## CCII PROFILES THE SOUTH SIMCOE POLICE SERVICE

South Simcoe Police delivers policing services to both the Town of Bradford West Gwillimbury and the Town of Innisfil. The communities have a combined population of just over 60,000. With quick access to Highway 400, many residents commute to the Greater Toronto Area daily. In 2014, the service responded to 15,463 calls for service.

The service has 80 sworn and 40 civilian members. South Simcoe Police maintains full-time Canine, Criminal Investigation, Forensic Identification, and Traffic & Marine units. The service also has a part-time Containment Team, comprised of officers from all areas of the service who perform other full-time police duties as their primary function.

South Simcoe Police formed a Containment Team at amalgamation in 1997. The team has been rebuilding for the past few years, but is currently working towards a compliment of 9 constables, 2 Team Leaders, and 1 Sergeant who report to an administrative Staff Sergeant.

The service has an operational command post that is used for both R.I.D.E. and incident command. In the fall of 2014, the service trained 3 duty officers of the rank of Staff Sergeant or higher as Critical Incident Commanders. The service has also trained 4 scribes and 7 crisis negotiators through CCII Canada.

In 2014, South Simcoe Police purchased two Ford Interceptor utility vehicles (Explorers) for

the exclusive use of the Containment Team. The trucks have custom cabinets designed to accommodate the specialized equipment and firearms used by the team.

Team members responded to a total of 118 calls for service last year. Many of the calls were for enhanced use of force options, primarily the conducted energy weapon (CEW) that all team members carry during patrol.

The Containment Team trains monthly, and spends one week at CFB Meaford each fall conducting scenario based training. The team has a close working relationship with York Regional Police and both services train together a few times a year in tactical operations and



crisis negotiation exercises. York Regional Police also delivers initial Basic Containment (BCOC) and Basic Tactical (BTOC) training to South Simcoe officers. Shared services agreements are in place between the two services for EDU, Hostage Rescue and Critical Incident Command.

The Containment Team current members are; S/Sgt. Steve Wilson, Sgt. Sean Willan, Team Leader Cst. John Small, Team Leader Cst. Wes Brown, Cst. Sheryl Sutton, Cst. Mike Kayser, Cst. Adam Walther, Cst. Cam Shields, Cst. Iyan Dusko, Cst. Mike Huck and Cst. Tyler Howey.



# 2014 FALL CONFERENCE RECAP



The Canadian Critical Incident Fall Conference, co-hosted by the Guelph Police Service, was a tremendous success, with over 200 attendees. The success of the conference was largely due to Inspector Scott Green and his talented and dedicated team. Equally responsible for conference enormous success, was General Lewis MacKenzie presenting the Leadership Award, and the dynamic list of guest speakers. Some of the guest speakers included;

Supervisory Special Agent Vince Dalfonzo (FBI) presented a compelling kidnapping case study, whereby a 65-year-old Vietnam War veteran boarded a Dale County school bus in

Midland City, Alabama, killed the driver, and took a five-year-old boy hostage. The victim was held captive in an underground bunker for several days. The incident outlines the incredible challenges presented to law enforcement, as well as the crisis negotiation strategies, assessments and tactics employed.

Det. Warren Bulmer (Toronto P.S.) His talk provided an overview of the changes in social networking technology, following up on last year's discussion by presenting new sites and tools. Positive and negative case examples were explored in respect to social media usage by the public and Police, during major public

safety events. The Supreme Court of Canada via a decision: R v. Spencer SCC 43 (June 2014), defined Informational Privacy, validated particular expectations of privacy a person maintains when using the Internet.

Sgt. Ken Kane & Sgt. Jason Worbec (Saskatoon P.S.) An armed barricaded suspect focusing on a case study, their presentation expanded upon the arrest of a high-risk meth addict, which lasted over 7 hours. The first 2 hours of negotiations took place with his girlfriend, who was unwilling to leave the house.

Sgt. Nancy Lantz & Cst. Lorraine Edwards



(Hamilton P.S.) A compelling case study of an attempted suicide at the Jackson Square Mall. A person suffering from mental illness consumed alcohol and medication; he then attended the Jackson Square Mall, where he climbed over the third floor railing and stood on a 4-inch ledge, threatening to end his life by jumping.

Four crisis negotiators rotated through during the twelve-hour standoff. The subject became fatigued and started slipping into a state of unconsciousness, which presented an enormous challenge to the Critical Incident Command Team, and Crisis Negotiators.

CCII is excited to announce that The Stratford Police Service will be co-hosting this year's Fall Seminar. Inspector Gerry Foster and his experienced and skilled team will ensure its continued success. We're changing it up this year to include break-out sessions to review case studies. This will allow for interaction with the attendees and greatly enhance the learning experience.

CCII and the Stratford Seminar Committee will be selecting the recipient for the General Lewis MacKenzie Leadership Award.

More information will be available in the next issue of the Command Post and on the CCII website.



CCII AND THE STRATFORD POLICE SERVICE ARE EXCITED TO ANNOUNCE

# THE 2015 FALL SEMINAR

OCTOBER 26 - 28



"Make the Call Count"

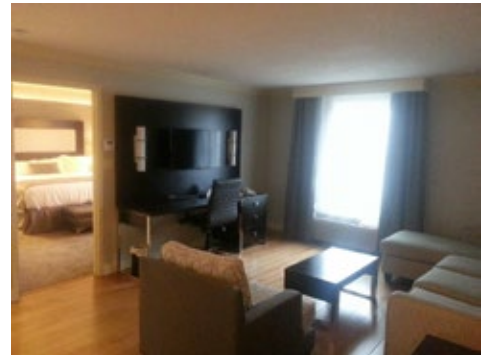


## A CHANGE IN FORMAT TO ENHANCE YOUR LEARNING EXPERIENCE

The format has been changed from conference to seminar to allow a greater interaction with the attendees and enhance your learning experience.

The upgraded Arden Park Hotel provides an excellent venue in the beautiful town of Stratford.

*More information will be available in the next issue of the Command Post and on the CCII website.*



Located on the main street, just a short walk from the Festival Theatre, The Arden Park is the newest hotel in Stratford, a city acknowledged around the world for its natural beauty and outstanding theatre. Here you can enjoy big city offerings like exceptional restaurants and wonderful shopping in an idyllic, almost rural setting. You'll enjoy all the amenities of this top quality hotel, including an indoor pool and whirlpool, fitness facilities, a fine dining room and lounge, exceptional conference and banquet facilities and ample free parking.

Our oversized standard rooms offer two queen beds or one king. They are furnished with attractive bedspreads and drapes, upholstered armchairs, cocktail tables and television. Selected rooms are also complete with either a loveseat or sofa bed. All bathrooms feature extra long tubs to relax in, showers, hair dryers and coffee makers. We also provide refrigerators, irons and ironing boards in all rooms.



# IT'S TIME TO RENEW!

## Canadian Critical Incident Inc. 2015 Membership Renewal

*CCII has made enhancements to both the Command Post Newsletter and our website, [www.canadiancriticalincident.com](http://www.canadiancriticalincident.com), but the membership price remains the same!*

**\$56.50**

**Individual membership Application**

**\$169.50**

**Police Service and Government Agencies**

All prices include HST (HST #860377886)

The CCII newsletter "The Command Post" features great stories, articles, training experiences, lessons learned, trends and concerns relating to tactical, incident command and crisis negotiation. A CCII member can access this valuable information via the web site and read current and past issues of the Command Post.

CCII membership will allow you secure and complete access the web site, which includes learning solutions, conference information, photos and the CCII Advisory Board members.

Renew your CCII membership to take advantage of all the positive changes we've made!



*"Make the Call Count"*

Payment can be made on line at:  
[www.canadiancriticalincident.com](http://www.canadiancriticalincident.com)

Or mail cheque to the Canadian Critical Incident Inc.  
946 Lawrence Ave. East  
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Please register online or fill out the form located on the last page of this issue.



# THE SOCIAL WEB

WHAT'S NEW IS OLD AGAIN





It is kind of a cliché but often I am asked what's new in the area of technology and my response is always "everything". Not a day passes without a new platform, device, or application; all commonly designed to improve our quality of life. Rarely can law enforcement keep up with the trends. New technologies constantly challenge archaic laws, public safety policies and procedures as well as policing best practices.

This time around we have had some progress by way of legislative change that attempts to aid law enforcement in the protection of the public, the prevention of crime and the prosecution of offenders where technology is the instrumentality of the crime. Please welcome the "Protecting Canadians from Online Crime Act" a.k.a "the Cyberbullying Bill" (C-13). It received royal assent on December 9th 2014 and it came into force this week on March 9th 2015.

The Bill significantly changes or enhances several sections of the Criminal Code by both updating existing authorities but more importantly adds new ones. If you work in an investigative capacity your job has become both harder and easier at the same time. If you don't write many court orders you'll probably find that you will start. Police now have the power to order the preservation of electronic records by a third party, an authority that did not exist previously. Many companies did it as a part of their good corporate citizenship or used their internal auditing policies to dictate how long these records were kept however; under the new law, police can compel them to preserve data for 90 days regardless of the internal retention policies by way of a judicially authorized order.

The main publicly advertised feature of the new law was intended to address the "cyberbullying" phenomena. The Bill amends the Criminal Code by adding a section entitled "non-consensual distribution of intimate images" or Section 162.1. Intimate images are broadly defined as images in which the person is nude or engaged in explicit sexual activity and in which the person depicted has a reasonable expectation of privacy.

This new section was born in the wake of two Canadian high profile "cyberbullying" cases; Amanda Todd and Rehtaeh Parsons. Both young girls had intimate images or videos taken of them

that were uploaded and distributed without their consent online. The girls each committed suicide as a result of the ridicule and harassment caused by their publicly available images.

This new section will open up criminal investigations into the so-called "revenge porn", an avenue not easily or more likely, not undertaken at all prior to the new law. This will assist people who have consented to taking part in a video or image depicting something intimate or a complete sexual encounter but did not wish to participate in a public disclosure of that media. Until now Police could not initiate an investigation into these videos being made and uploaded to the Internet. Often these cases stem from domestic situations where private collections of the couple end up online after there is an ending to the relationship. Sites like isanyoneup.com were spawned in 2010 specializing in this type of material. Thankfully, public discourse forced this site closed in April 2012.

This amended section of the Code also creates a new prohibition order that may be imposed following a finding of guilt for the above offence; the court may prohibit or restrict the offender from using the Internet or other digital networks. It further authorizes special search, seizure and forfeiture powers in relation to "intimate images" which allows for the search for, seizure of and forfeiture of "intimate images."

Finally this new section deals with the production, identification, securing, and deletion of "intimate images" stored in a computer system. Section 164.1 currently allows for a warrant to issue compelling the custodian of a computer system to produce child pornography and voyeurism data, to identify the person who posted them, and to make them unavailable on the computer system. It also creates a process for post-seizure deletion of the data. Bill C-13 expands and alters section 164.1 so it also applies to "intimate images".

Sections 371 and 372 of the Criminal Code dealt with the sending of annoying or harassing messages that were either false or sent by a false person etc. The Bill updates these sections. In particular, it removes the references to specific communications technologies, making it

possible to lay charges for offences related to cyberbullying regardless of the transmission method or technology used.

Bill C-13 creates a set of new powers to compel the preservation and production of documents and data. Bill C-13 also contains an updated assistance order provision, in particular, sections 487.011 to 487.02. These amendments offer the Police far more tools to seek and obtain third party records in relation to computer data, transmissions data as well as other forms of data needed in an investigation. In all, the Bill is a necessary evil. To admit we need such authorities to investigate what can go wrong with the Internet certainly demonstrates that many use it for purposes other than for which it was designed.

Technology evolves at a rapid pace; current laws are antiquated by comparison. The balance to strike is new legislative tools, their acceptance by the Courts, and the respect of citizens' privacy by the Police. People have the right to be free from State surveillance while the State has the right to investigate. In the digital age, this line is not straight but more long winding series of "S" curves that continuously bend towards either side thanks to technology.



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# STEP INTO THE KNOWN<sup>®</sup>



## XAVER<sup>®</sup> 100 & XAVER<sup>®</sup> 400 SENSE-THROUGH-THE-WALL (STTW) RADAR DEVICES

**GAIN & IMPROVE SITUATIONAL AWARENESS BY DETECTING THE PRESENCE OF INDIVIDUALS THAT MAY BE LOCATED BEHIND COMMON OPAQUE (NON-TRANSPARENT) BUILDING MATERIALS!**

- Reliable Detection of the Presence of Life Through Most Common Walls/Building Materials: Cement, Plaster, Brick, Concrete, Reinforced Concrete, Adobe & Drywall
- 120° Field of View (FOV) with up to a 20m (65 ft.) Detection Range
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Canadian Law Enforcement and Military Agencies please contact Enforcement Technology Group, Inc. (ETGI) at 414-276-4471 or email [info@etgi.us](mailto:info@etgi.us) for information and pricing.

**ENFORCEMENT**  
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[www.etgi.us](http://www.etgi.us)



## CRISIS NEGOTIATORS COURSE

SEPTEMBER 21 – 25, 2015

## REFRESHER COURSE

SEPTEMBER 23 – 25, 2015



**Brantford Police Service**  
**WRPS Headquarters**  
344 Elgin Street  
Brantford, ON

**Course Coordinator**  
Sgt. Jason Saunders,  
Training Branch  
519-756-7050 x2509  
jsaunders@police.brantford.on.ca

The Canadian Critical Incident Inc. and the Brantford Police Service will be hosting an OPC accredited, five day Crisis Negotiators Course and a three day refresher Course

**Day One:** Crisis Negotiation Techniques - Subject/Suspect Profile and Assessment  
Crisis Negotiation - Procedures and Best Methods

**Day Two:** Crisis Negotiation – Procedures & Best Methods (continued)  
Crisis Negotiation – Social Media/Critical Incident Stress

**Day Three:** Present and review Crisis Negotiation Team case studies  
Demonstration of the Brantford Police Service Emergency Response Team (Afternoon) equipment, use of force options

**Day Four:** Psychologist, Dr. M. Mamak, will provide a comprehensive review of the common mental health illnesses and the characteristics of the emotionally disturbed person. Discuss the challenges while attending with those suffer from a mental illness and in a state of crisis.

**Day Five:** The course candidates shall participate in a hypothetical hostage/barricade person scenario based training exercise. The candidate will demonstrate effective subject assessment, formulate negotiation strategies and work as a team to support the Incident Commander to achieve a successful tactical intervention.

Following the scenario there will be an operational debriefing, course evaluation and certificate presentation.

# CRITICAL INCIDENT COMMANDERS COURSE

OCTOBER 19 - 23, 2015

# REFRESHER COURSE

OCTOBER 21 - 23, 2015



**Hamilton Police Service**  
1227 Stone Church Road East  
Hamilton, ON

**Course Coordinator**  
Sgt. Chris Hastings,  
Training Branch  
905-546-4965  
chastings@hamiltonpolice.on.ca

The Canadian Critical Incident Inc. and the Hamilton Police Service will be hosting an OPC accredited, five day Critical Incident Commanders Courses Course.

**Day One:** Critical Incident Commanders Course Introduction, Operational Planning, Scene Management & S.M.E.A.C

**Day Two:** Tactical Considerations, Mission statement, Effective planning and managing resources. Media Relation and Public Information

**Day Three:** Crisis Negotiation - Procedures and Best Methods Crisis Negotiation Social Media/Critical Incident Stress

**Day Four:** Phycologist, Dr. M. Mamak will provide a comprehensive review of the common mental health illnesses and the characteristics of the emotionally disturbed person. Discuss the challenges while attending with those suffer from a mental illness and in a state of crisis. He will also discuss the need to review the level of fatigue of the Critical Incident Command Team.

**Day Five:** The course candidates shall participate in a scenario based learning opportunity using the Hamilton Emergency Response Unit and Incident Command Team. The course candidates will be given a hypothetical and multifaceted hostage/barricade person scenario, formulate effective contingency plans for a successful tactical resolution.

Following the scenario there will be a critique, course evaluation and certificate presentation.course evaluation and certificate presentation.



## CRISIS NEGOTIATORS COURSE NOVEMBER 16 – 20, 2015

## REFRESHER COURSE NOVEMBER 18 – 20, 2015



**Stratford Police Service**  
17 George Street West  
Stratford, ON

**Course Coordinator**  
Sgt. Jamie Taylor,  
Stratford Police Service  
519-271-4147 x152  
jtaylor@stratfordpolice.com

The Canadian Critical Incident Inc. and the Stratford Police Service will be hosting an OPC accredited, five day Crisis Negotiators Course and a three day refresher Course .

**Day One:** Crisis Negotiation Techniques - Subject/Suspect Profile and Assessment  
Crisis Negotiation - Procedures and Best Methods

**Day Two:** Crisis Negotiation – Procedures & Best Methods (continued)  
Crisis Negotiation – Social Media/Critical Incident Stress

**Day Three:** Present and review Crisis Negotiation Team case studies  
Demonstration of the Stratford Police Service Emergency Response Team equipment, use of force options and tactics.

**Day Four:** Psychologist will provide a comprehensive review of the common mental health illnesses and the characteristics of the emotionally disturbed person. Discuss the challenges while attending with those suffer from a mental illness and in a state of crisis.

**Day Five:** The course candidates shall participate in a hypothetical hostage / barricade person scenario based training exercise. The candidate will demonstrate effective subject assessment, formulate negotiation strategies and work as a team to support the Incident Commander to achieve a successful tactical intervention.

Following the scenario there will be an operational debriefing, course evaluation and certificate presentation.

## An Introduction to Xaver\* Sense-Through-The-Wall (STTW) Radar Imaging Devices



A variety of technologies such as night vision and thermal imaging are available to enhance a first responder's sense of sight. However, a primary limitation of these traditional "sight enhancement technologies" is that a clear, unobstructed line of sight path must be established and maintained in order for the operator to detect the presence of and obtain a visual of the target subject. A night vision or thermal imaging camera provide little to no value to an operator when a target subject is located behind an opaque (non-transparent) barrier such as a wall, a door or is trapped under debris from a collapsed building. Sense-Through-The-Wall (STTW) Radar Imaging Devices are among latest technologies available to offer a solution to shortcomings of traditional "sight enhancement technologies" as well as provide first responders with a new means to gain and improve situational awareness. STTW Devices enhance situational awareness by providing first responders with ability to detect the presence of individuals that may be located behind common opaque building materials such as: cement, plaster, brick, concrete, reinforced concrete, adobe, and drywall.

There are a few different STTW Devices available to first responders. However, to help provide

better understanding of the operations, features/benefits and limitations of STTW Devices this article will focus on the Xaver® 100 (pronounced "saver") and the Xaver® 400 manufactured by Camero-Tech, Ltd. The purpose of focusing on these specific STTW Devices is that these items will be displayed and demonstrated by Enforcement Technology Group, Inc. (ETGI) at the 2015 CCII Training Conference this fall. To learn more about alternative STTW Devices, a good resource is the "Through-the-Wall Sensors for Law Enforcement Market Survey" published in October 2012 by U.S. National Institute of Justice (NIJ) which is available for free online download.

The term "radar" was coined in 1940 by the United States Navy as an acronym for Radio Detection and Ranging. Radar is an object-detection system that uses radio waves to determine the range, altitude, direction, or speed of objects. In its most basic form, hardware such as a radar dish or antenna transmits radio waves that bounce off objects in their path. When in the path of the transmission signal an object will return or reflect a tiny part of the wave's energy to a dish or antenna that is usually located at the same site as the transmitter. The reflected signal received indicates the presence

of an object in the transmitted signal's path. The strength of the reflected signal may also indicate the proximity and/or how reflective the object is which provides insight into the object's size and material composition.

STTW devices incorporate the hardware and power necessary to transmit and receive the reflected radio waves; the software necessary to process the reflected signals and a display to allow an operator to interpret the data produced in a portable housing. For example, the Xaver® 100 measures 21.8 X 9.7 X 6.5cm (8.5 X 3.8 X 2.5") and weighs 660g (1.45 lbs) with (4) lithium 123 batteries installed. The compact size of the Xaver® 100 allows the equipment to be quickly deployed and operated with a single hand and with fresh batteries installed can be operated for approximately 3.5 hours. The Xaver® 400 with dimensions of 37.0 X 25.5 X 12.0cm (14.5 X 10.0 X 4.7") and a mass of 3.2kg (7.0 lbs) with batteries installed requires two hands to operate, but offers an approximate 7 hour battery run time.

The Xaver® 100 and Xaver® 400 feature a simple user interface with a 120° field of view. To operate, power on the device and select the desired detection range 4m (13 ft.), 8m (26 ft.) or 20m (66 ft.). After the detection range has been selected, position the STTW Device as close to the surface (wall, door, etc...) that is to be penetrated. If possible, it is recommend that the STTW Device is physically leaned against the surface to be penetrated as this will help reduce interference that may be caused by moving objects located behind the



Device. Within a few moments, the reflected radio waves signals are processed and the results are displayed on the unit's built-in LCD.

The primary difference between Xaver® 100 and Xaver® 400 is the data provided to the operator. The Xaver® 100 built-in LCD provides a visual indication to the operator if a single live object is present behind the surface being penetrated. If a live object is detected, the Xaver® 100's LCD will provide the operator with information relating to how far away the live object is and if the live object is moving closer to or away from the unit. The Xaver® 400's built-in LCD provides the operator with visual indication if a single or multiple live objects are present behind the surface being penetrated. If a single or multiple live objects are detected, the operator is able to determine and track the location/movements of the live object(s). Both the Xaver® 100 and Xaver® 400 may also be operated in what is referred to as "stand-off" mode. In "stand-off" mode, a unit may be mounted on a tripod or placed on a stable surface

and pointed towards the direction of the target of interest. This allows operator to detect the presence of the life without the need to physically place the equipment directly against the surface to be penetrated which is ideal for helping to keep an operator out of harms-way during a high risk application. To further increase operator safety and increase the capabilities of the equipment, Camero-Tech, Ltd. will be releasing XaverNet®. XaverNet® is an optional accessory designed to wirelessly control and receive data provided by multiple Xaver® STTW Devices to distances of up to 200 meters (650 ft.) line of sight.

The performance of any STTW Device depends on the ability for the radio waves emitted to penetrate through a barrier, reflect off a target and return back to the STTW Device where the signals are processed. The laws of physics prevent radio waves from penetrating continuous metal barriers such as cargo containers, and the sides of metallic rail cars or trailers. Continuous metallic objects such as filing cabinets, desks or mirrors and

miscellaneous "clutter" located behind a barrier may also prevent radio wave penetration or distort results. However, the performance issues associated with "clutter" may be resolved by moving the STTW Device to a different position.

Despite these limitations, STTW Devices can be effectively deployed in a variety of critical incident response to provide first responders with objective, timely and accurate intelligence. Intelligence provided by STTW Devices help to answer some of the most important questions that arise when a first responder face an opaque barrier which are: is it safe to enter, is it the right time to enter and is there a need to enter? Making these decisions without the intelligence provided by an STTW device can lead to serious and irreversible consequences such as injury or the loss of life of a single or multiple officers, subjects and civilians. To learn more about what the Xaver® 100 and Xaver® 400 has to offer and see the equipment in action, visit the following YouTube video link: <https://www.youtube.com/watch?v=RwEVs173V7E> or contact Enforcement Technology Group, Inc. (ETGI) via email [info@etgi.us](mailto:info@etgi.us) or phone 414-276-4471.





# COURSES PREVIOUSLY TAUGHT BY CCII

## Critical Incident Commanders Course & Refresher Course



*Military Police Officers from Ontario, Quebec, the Maritimes, and members of the Belleville Police Service attended the course at The Canadian Forces Base in Trenton, Ontario, from March 23rd - 27th, 2015.*

Co-hosted by:



## Crisis Negotiators Refresher Course



*Members from South Simcoe Police Service along with the Niagara Regional, Woodstock, Chatham-Kent, and Kawartha Lakes Police Services attended the course from January 12th - 14th, 2015.*

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## Critical Incident Command Scribe Course



Members from the Niagara Regional, South Simcoe, and Sault Ste. Marie Police Services attended the course from November 17th - 19th, 2014. Wendy Thompson, who is considered to be one of the best teachers on Scribe Courses in the province, co-instructed with CCII.

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## Crisis Negotiators Course



This Ministry accredited Crisis Negotiators Course was attended by members of the Greater Sudbury Police Service, along with Mishnawbe-Aski, West Nipissing, and Toronto ETF police services on November 3rd - 7th, 2014.

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Please complete and mail this membership form for review. All data must be mailed, as we require a signature for approval. A photocopy of the applicant's I.D. card or Agency I.D. must accompany completed applications. Applications received without I.D. will be returned. Any parties whose membership is denied will have their full funds returned.

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