

ASIS FEATURE

IMPACT OF EMERGING TECHNOLOGY ON PHYSICAL SECURITY

Physical security, the protection of people, assets, and property from unauthorized access, theft, or damage, has evolved significantly over the years. In the age of emerging technologies, this field is undergoing a profound transformation. Innovations such as artificial intelligence, the Internet of Things (IoT), and advanced sensors are revolutionizing the way physical security is approached, making it more efficient and effective.

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12 SECURITY TIPS FOR THE SEASON

ASIS JAMAICA CHAPTER AT GSX 2023

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Lt. Col. Oswald J. Smiley, CPP, PSP
Membership Chairperson

IMPACT OF EMERGING TECHNOLOGY ON PHYSICAL SECURITY

EMERGING TECHNOLOGIES ARE PLAYING A CRUCIAL ROLE IN ENHANCING THE CAPABILITIES OF PHYSICAL SECURITY SYSTEMS.

Physical security, the protection of people, assets, and property from unauthorized access, theft, or damage, has evolved significantly over the years. In the age of emerging technologies, this field is undergoing a profound transformation. Innovations such as artificial intelligence, the Internet of Things (IoT), and advanced sensors are revolutionizing the way physical security is approached, making it more efficient and effective. This article was written to educate and inform our team members on the impact of emerging technology on physical security, shedding light on the benefits and challenges associated with this transformation.

The Role of Emerging Technology in Physical Security

Emerging technologies are playing a crucial role in enhancing the capabilities of physical security systems. These technologies empower security professionals to respond more effectively to threats, reduce risks, and improve overall safety. Key areas where emerging technology is making an impact include:

- **Surveillance Systems:** High-definition cameras, facial recognition, and video analytics are improving the accuracy and efficiency of surveillance. Real-time monitoring and predictive analysis provide security personnel with valuable information to respond promptly to potential security breaches.
- **Access Control:** Advanced biometric authentication, smart cards, and mobile access solutions are replacing traditional lock and key systems. This not only enhances security but also simplifies user access management.

- **Intrusion Detection:** Sensors and alarms have become smarter, using machine learning to differentiate between false alarms and actual threats. This reduces the likelihood of security personnel becoming desensitized to alerts.
- **Incident Management:** Emerging technologies enable rapid incident reporting and response through mobile apps and communication tools, allowing security teams to coordinate efficiently during crises.

Advantages and Challenges

Advantages of Emerging Technology in Physical Security:

- **Enhanced Efficiency:** Automation and machine learning algorithms enable security systems to process vast amounts of data and respond in real-time, reducing the need for human intervention.
- **Cost Savings:** Advanced technology can optimize security resource allocation, reducing the need for extensive on-site security personnel and reducing operational costs.
- **Scalability:** Emerging technology offers flexible solutions that can be scaled to meet the specific needs of different facilities, ensuring adaptability as security requirements change.
- **Deterrence:** High-tech security systems can act as deterrents to potential threats, preventing security incidents through their mere presence.

Challenges and Concerns

- **Privacy:** The use of facial recognition and other biometric technologies has raised concerns about privacy and data protection, necessitating a balance between security and individual rights.
- **Vulnerabilities:** As technology evolves, so do the tactics of cybercriminals. Connected devices in IoT systems can be exploited if not adequately secured. Ensuring that different security technologies work seamlessly together can be challenging, requiring careful planning and investment.
- **Skills Gap:** Implementing and maintaining advanced security technology requires a skilled workforce, and organizations may struggle to find and retain qualified professionals.
- **Artificial Intelligence:** AI-driven analytics will become even more sophisticated, enabling predictive security and automated responses.
- **Blockchain:** The use of blockchain technology will enhance data security and authentication, particularly in access control systems.
- **5G Connectivity:** Faster and more reliable connectivity will enable real-time remote monitoring and management of security systems.
- **Quantum Computing:** As quantum computing becomes more accessible, new encryption techniques will be developed to secure sensitive data against powerful adversaries.

The Future of Emerging Technology in Physical Security

The integration of emerging technologies into physical security will continue to evolve and adapt to meet the changing threat landscape. In the coming years, we can expect to see the following:

In conclusion, the impact of emerging technology on physical security is profound and continues to shape the way we protect our assets and people. While there are challenges to overcome, the benefits of enhanced efficiency, cost savings, and scalability make it clear that integrating advanced technology is not just an option but a necessity in the ever-evolving landscape of security. Security professionals and organizations must stay vigilant, adapt, and invest in staying ahead of potential threats to ensure the safety and security of their physical assets.



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LT.COL. OSWALD SMILEY, JP, CPP, PSP

MEET CHAIRMAN-ELECT FOR 2024

Oswald is currently a Regional Operations Manager with the Jamaica Public Service and is also a Registered Certified Security Instructor with over 25 years in the utility and security industries. He currently serves the Jamaica Combined Cadet Force (JCCF) as Commanding Officer for the Second Battalion with responsibilities for Strategic Leadership. He is a Professional Engineer and a member of the Jamaica Institution of Engineers as well as the Association of Energy Engineers, Jamaica Chapter.

He is currently the Chairman of the Board of Governors for the Marlie Mount Primary and Infant School, Vice President of the JPSCo Managers' Association. Oswald received his education from the University of Technology and Florida International University (FIU). He holds the following qualifications, a bachelor's degree in electrical engineering, a MBA in International Business, a Masters' and a Doctoral Degree in Leadership & Ministry. Oswald is currently the membership chairperson on the Chapter's business management committee.

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Oswald is currently a Regional Operations Manager with the Jamaica Public Service and is also a Registered Certified Security Instructor with over 25 years in the utility and security industries.



MOLLIE PLUMMER-HENRY

MEET SECRETARY-ELECT FOR 2024

Mollie Plummer-Henry has been a Security Practitioner for over 15 years. Her career spans from Teacher, Probation Officer, Assistant Superintendent in the Department of Correctional Services and a Businesswoman. Presently she is the Snr Director of Investigation, Surveillance Unit at the Passport Immigration Citizenship Agency. (PICA) She holds a Master's in Child Psychology, a certified International Investigator, certified Port Facility Security Officer (PFSO). She is also a trained Mediator, Counsellor, JP, an ambassador for I Believe Initiative (IBI) of the Governor-General and a supervisor for Problem Management Strategies for Mental Health (PM+).

ASIS JAMAICA CHAPTER AT GSX 2023



The ASIS Jamaica Chapter was honoured to be one of the recipients of the I.B. Hale Chapter of the Year Award in 2023, and to accept that award on stage in Dallas, Texas. Following GSX 2023, the chapter's newsletter editor, Carlos Pipher, CPP, PCI, PSP, sat down with some members of the chapter to discuss their experiences at GSX 2023.

Carlos Pipher, CPP, PCI, PSP:

What was your perspective on GSX 2023?

Nichelle Duncan, CPP, PCI, PSP: I was excited and eager to be among my peers at GSX 2023 in Dallas. The exhibits were phenomenal and the sessions very educational and impacting. I would strongly recommend all security professionals and those interested in the field to attend this world leading security conference. It will positively impact their professional development through new and innovative technologies that are showcased there.

CP: How would you describe your overall experience at GSX 2023?

Charles Chin Fah En, CPP: It was a truly eye-opening

experience; just the pace at which security technology is rapidly evolving is breathtaking.

CP: How would you rate GSX 2023 and why?

Capt. John Richards, CPP, PCI, PSP: The exhibits were interesting and useful. The presentations were very informative. The general session speakers were worth the listen.

CP: Which area of the GSX were most interested in, and why?

JR: Exhibits give me an opportunity to meet with my suppliers. Also allows me to compare notes with similar products to the ones I use.

CP: You have attended many GSX. What would be your advice to a security professional who has never attended a GSX?

JR: The networking opportunities are invaluable and are a good asset to have in your toolkit. You will get a good sense of the direction that the industry is taking, and this helps to inform your own security program.



Carlos Pipher, CPP, PCI, PSP currently serves as the newsletter editor for the ASIS Jamaica chapter and served as the chairman in 2022. Carlos works as a security screener officer for Ports Management and Security Ltd., a subsidiary of the Port Authority of Jamaica.



Nichelle Duncan, CPP, PCI, PSP is the chapter chairperson. Nichelle currently works as a manager of inspections and monitoring at the Police Civilian Oversight Authority. She is also pursuing her master's degree in national security and strategic management at the University of the West Indies, Mona.



Captain John Richards, CPP, PCI, PSP is the communications chairperson and webmaster for the ASIS Jamaica chapter. John currently works as the group security executive for the Jamaica Broilers Group.



Charles Chin Fah En, CPP is a member of ASIS Jamaica chapter and currently works as a security manager for Jamaica Broilers Group.



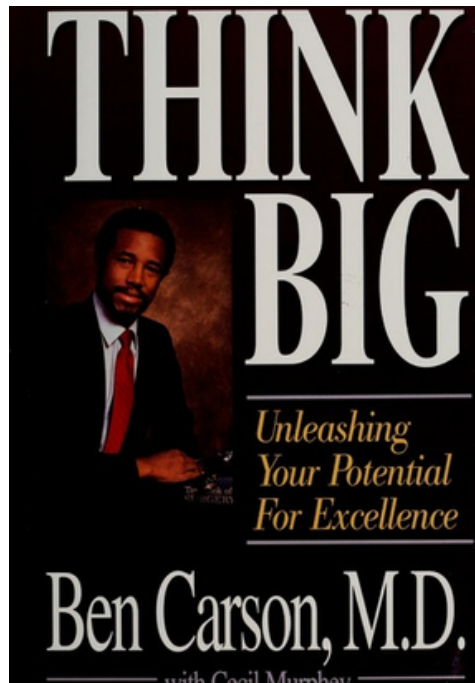
CONNECT

A community of women, promoting excellence and leadership in the security management profession

"A STRONG WOMAN KNOWS SHE HAS STRENGTH ENOUGH FOR THE JOURNEY, BUT A WOMAN OF STRENGTH KNOWS IT IS IN THE JOURNEY WHERE SHE WILL BECOME STRONG." -UNKNOWN



**ASIS Jamaica Chapter
Women-In-Security Liaison:**
Mrs. Shanna C. Shirley
AVP- Service Delivery
Guardsman Metaverse, Jamaica



BOOK RECOMMENDATION

Do you feel like your life is a series of shattered dreams? Have you bought into the lie that you'll never amount to anything? In Think Big, Dr. Ben Carson is here to tell you some good news: none of that is true.



OCTOBER - DECEMBER

May all your wishes come true, that you celebrate with those you love and who love you. #makeawish

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- Professional Certified Investigator (PCI)
- Physical Security Professional (PSP)
- Associate Protection Professional (APP)

For additional information, kindly visit our website at www.asisjchapter.org

Article/s for the "The Informer" the Chapter's newsletter are appreciated.
Please send your article/s to carlospipher@gmail.com



Announced at our AGM in November, Mollie Plummer-Henry was elected as Chapter Secretary for 2024. Congratulations.



***"A great Leader's courage to fulfil his vision comes from passion, not position".
John. C. Maxwell***

In 2005 Shanna Shirley became a member of Guardsman Alarms as an Electronic Security Technician. Having studied Electronics at the University of Technology this was the perfect fit for her. She was integral in the installation and servicing of Electronic Security Systems. A male dominated environment was not new to her, she had honed her skills as the only female master controller at TVJ.

In 2006 she was promoted to Supervisor with responsibility for the scheduling of the technicians and quality control. Her results spoke for her, hence gaining the trust and respect of her co-workers, clients and superiors. She was later promoted over the years to: Quality Assurance Manager, Technical Manager and is now Assistant Vice President of the Guardsman Metaverse.

Her progression wasn't mere luck, they were destined through hard work, sacrifices and dedication. Shanna has been integral in the designing, implementation and closure of many multi-million dollar projects for Guardsman.

Her passion for growth and staying relevant in the growing security industry saw her becoming a member of ASIS International Jamaica Chapter in 2019, during the same year she earned her first certification-Physical Security Professional (PSP) designation which cemented her ability to effectively train other stakeholders how to effectively design, implement, and maintain Physical Security Solutions according to established standards and by using best practices.

WIS QUARTERLY CONNECT

FEATURE

***"Successful People are not gifted; they just work hard, then succeed on purpose" -
Unknown***

In everything give thanks: for this is the will of God in Christ concerning you" 1 Thessalonians 5:18.

The PSP wasn't enough for her as she hungered for knowledge. She sat the Certified Protection Professional (CPP) exam and was successful. She was selected as the WIS liaison where she was integral in the nomination of Jamaica's first winner (Suzanne Scarlette, LLB, PSP) for the Women-In-Security Karen Marquis Award.

Shanna was the winner of one of the coveted ASIS International Foundation Scholarships and is now due to sit the Professional Certified Investigator (PCI) exam to establish her position as a Triple Certificant.

She has been married for twenty-one years (21) years with two children one adult and a teenager. She trusts God in all her endeavours. Her hobbies include cooking, gardening and travelling. Her favourite book is "Think Big" by Dr. Ben Carson. She is a Christian who lives by the Scripture "In everything give thanks: for this is the will of God in Christ concerning you" 1 Thessalonians 5:18.

I welcome your feedback and suggestions to improve the WIS quarterly mailout.

Email: Shannacshirley@gmail.com

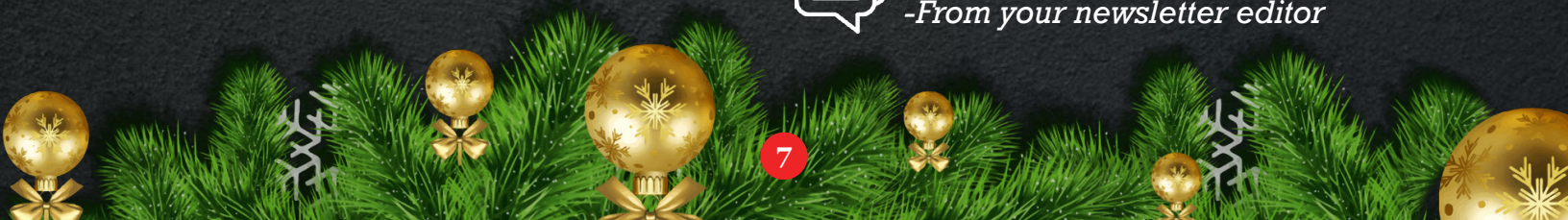
12 SECURITY TIPS FOR THE SEASON

We all get caught up in the yuletide season and sometimes forget basic security measures such as:

- 1** Ensure that valuable personal possessions (e.g. cash and high-end electronic devices) are properly secured or concealed.
- 2** Be aware of your surroundings, avoid using devices like earphones while commuting. Trust your judgement, if you feel there may be a threat, go somewhere safe such as your nearest police station.
- 3** Avoid wearing excessive jewelry, particularly gold, especially when walking in areas with high pedestrian traffic.
- 4** Always ensure that your house and car keys are easily accessible to minimize the time it takes to enter homes and vehicles.
- 5** Walk in well-lit areas and avoid walking alone. If you think you are being followed, trust your instincts and proceed to a crowded area, maintain your vigilance.
- 6** Put valuable items in the trunk of your car.
- 7** Be vigilant when using Automated Teller Machines (ATM) and avoid using ATMs in secluded areas.
- 8** Lock your vehicle doors immediately after entering your vehicle.
- 9** You are most vulnerable when entering your house or car, be on the alert.
- 10** At a function, if announced that your vehicle is blocking another, do not rush to your vehicle. Observe from a distance to confirm if your vehicle is blocking another vehicle.
- 11** When driving in traffic, if you cannot see the rear wheels of the vehicle before you, it means that you are too close. If the vehicle behind you is in concert with the vehicle before you, you will not be able to turn away. (You will be penned in).
- 12** Constantly check to see if you are being tailed.



"Have a safe and Merry Christmas."
-From your newsletter editor



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them to share content are evolving, potentially
posing offline risks for security practitioners
who are not prepared to respond.*

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ISSUE**





ANNUAL GENERAL MEETING

NOVEMBER 2023



Chairperson addresses the AGM.



Guest Speaker, Sacha Vacciana-Riley, Executive Director, Private Sector Organisation of Jamaica (PSO).



Otis Fender, CPP, PSP receives his CPP lapel pin from Chairperson, Nichelle Duncan.



Lt. Col. Oswald Smiley, CPP, PSP receives his PSP lapel pin from Chairperson, Nichelle Duncan.



Swearing In Ceremony for the 2024 Executive: (L-R) Vice-Chairman, Selbourne Webb, CPP, PCI, PSP, Secretary, Mollie Plummer-Henry, Chairman, Lt. Col. Oswald Smiley, CPP, PSP and Treasurer, Capt. Basil Bewry, CPP, PCI, PSP.



Selbourne Webb, CPP, PCI, PSP receives his PCI lapel pin from Chairperson, Nichelle Duncan.



Chapter members at the AGM.



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SOURCE: 2023 Market Report: Security Practices in Visitor & Emergency Management



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**Jamaica
Chapter**

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