SSN recognizes its '20 under 40' End User Class of 2017

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Abstract

Paul Ragusa Tyson Johnson, 34 Security systems project manager, Aurora Health Care Milwaukee TYSON JOHNSON is responsible for security functions-including door access control projects and surveillance processes-throughout four hospitals in his specific region within Aurora Health Care.Since Martinez joined Bob's Discount Furniture in late 2015, the company has grown from 64 to 89 stores.The main systems we build and support are global access control systems, security video platforms, intrusion detection, intercoms, and digital radio systems."Provencher said that he got into security as a stepping-stone to become a police officer. "Since I have been in security for the past 10 years, I want to stay in the industry as I really enjoy doing it-working with the customers and employees-helping people," he said, pointing out that he worked for five years with Securitas before coming into his current role at MAPFRE Insurance.

Full Text

Headnote

Winners exemplify how the industry is now driven by IT, new tech

YARMOUTH, Maine-Security Systems News is excited to introduce and honor its "20 under 40" End User Class of 2017, made up of the next generation of security professionals leading the industry today.

Each of these winners shares a passion for what they do, as well as a thirst for knowledge of the industry, new technologies and professional development.

A new theme for this year, and one that reflects what is going on in the industry today, is the focus on IT, specifically information security and cybersecurity.

"There was always a separation between IT and physical security, but it is important for us to be working together for oversight and collaboration," Amanda O'Loughlin, security supervisor for Crane Currency, pointed out.

"We can't do it alone and we don't want any one person having too much power. I already see it with our integrators needing much more knowledge about network security, how to design a network and connect and communicate across different networks," said O'Loughlin.

O'Loughlin sees "continued development in that area of collaboration between physical security and IT" as everyone tries to stay one step ahead of hacking and data breaches, especially with remote and mobile access becoming more prominent in security.

With physical and information security merging, many in this year's class pointed to the increasing importance of data, from securing it to mining it for actionable info.

Matt Cain, senior investigator - Corporate Security for Verizon, is excited about the potential of predictive analytics and the use of data.

"Extracting what you think might be completely irrelevant information, plugging it into a model and eventually seeing a positive ROI can be pretty rewarding," he said. "Unfortunately for our industry, we can sometimes be seen as reactive versus proactive, but this technology can help change that stigma by getting in front of problems and being more forward thinking."

Dan Sadler, director - Security Shared Services, Exelon Corp., agrees, noting that there is an opportunity with "big data solutions on both the physical and cyber side that have analytic and real time alerting capability, so you build certain use cases around physical and logical behavior."

Dave Harben, enterprise leader of asset protection, Ascena Retail Group, also highlighted analytics-more specifically prescriptive analytics-as an up-andcoming technology, one that will help people to be more efficient. "You can get a lot of data from very different data pools, and you get a lot of information, and it gives you the ability to react very quickly," he said.

Jessica Borst, security specialist - financial and data analyst/physical security services project manager, Ferguson, expects data will be more relevant to security in the future, such as in "continuing to identify areas that we can use data to pinpoint what we need to improve. The information's already out there; it's just a matter of figuring out a way to use that."

As end users look for ways to protect both data and physical assets, Brady A. Phelps, physical security supervisor, Grant County Public Utility District, said the need for cybersecurity is heightened and predicts more of an overlap between physical and cyber. "I think that each and every physical security professional is going to have to open up to the idea that they're going to have to be cybersecurity professionals as well."

SSN is very happy to recognize every winner in this year's class and will honor all of its "20 under 40" honorees at a special reception during its TechSec Solutions conference, an event focused on new and emerging technologies in the physical security space. TechSec will be held in Delray Beach, Fla., Feb. 26 and 27, 2018. SSN

John Barański II, 28

Senior physical security specialist, BNY Mellon

Pittsburgh

ALTHOUGH JOHN Baranski II is the youngest SSN "20 under 40" End User Class of 2017 award winner, he has accomplished quite a lot in his career thus far. While earning a degree in criminology, Baranski served in the Army National Guard, and did a deployment to Afghanistan his senior year.

"I have always had an interest in security and when I got home from my deployment, I wanted to get into security on the corporate side," he explained. "I was fortunate enough to have a lot of good leaders teach me along the way."

Baranski started his career as a security supervisor for two years at a hotel in Pittsburgh, "which was more focused on the physical security side," he said, noting that he then worked for four years at Highmark Inc., a healthcare company based out of Western Pennsylvania.

"At High Mark, I got involved in all aspects of security, which is where the majority of my experience comes from," he noted. "I did a C-CURE 9000 upgrade there, a major project that took two years."

In his current role, which he has been in for six months, Baranski deals with guard force management, and oversees project management locally while supporting global projects as well.

On the technology side, Baranski said one of the most interesting developments in the industry has been "the interface of access control and CCTV, which I think is going to start becoming more and more common with remote surveillance and mobile access."

He also sees great potential for facial recognition technology and robotics.

"Robots are not practical at every site, but for places that aren't fully staffed and are running 24-7, like a data center, they can monitor temperature and air pressure, for example, and be more reliable than a human for certain tasks."-Paul Ragusa

Rahul Bhardwaj, 37

VP information security, FIS Global

Jacksonville, Fla.

AS VP of Information Security for FIS Global, a global financial services technology company, Rahul Bhardwaj wears many hats.

"I also go by the title of regional security officer for our entire India and Philippines region, where we have close to 16,000 employees in these two countries," he explained. "I have a country lead who reports to me, and I manage the day-to-day security operations for everything that has to do with information security, including all of the regional and regulatory compliances."

In terms of enterprise programs, Bhardwaj serves as the segment CIO for an FIS business unit that has a global operation running out of nine different countries with 16 different offices.

"I manage key enterprise programs, including mergers and acquisitions, where I have a dedicated team for whenever FIS acquires a company, as we are very heavy in acquisitions," he explained. "After the acquisition, my team does a complete assessment, listing areas where we need to enhance the security of this new entity. I work with the CIO group to close any security gaps before we approve the integration of the new acquired business into the FIS network."

He also oversees the vendor review program, vetting any new vendor partners prior to adding the company to the FIS approved vendor list.

Bhardwaj's group also heads the program for ISO-27001 certification for the entire enterprise. "This is the world's leading information security certificate," he said. "My team manages this across five different continents with 40 different offices."-Paul Ragusa

Jessica Borst, 33

Security specialist - financial and data analyst/physical security services project manager, Ferguson

Newport News, Va.

JESSICA BORST first started working at Ferguson in 2006 as an administrative employee and her role has changed to cover various aspects for the company.

Ferguson is a wholesale supplier for various markets, including plumbing, HVAC, lighting and waterworks, among others.

Within Ferguson's security program Borst works with the company's field and facilities groups to ensure that new physical security projects are meeting requirements, "whether that's assisting them with alarm issues for existing services, or setting up new services, conducting walk-throughs virtually with the branches to make sure that the camera needs are being met before those services are installed."

The company is switching vendors for background check and drug screening after 20 years, Borst said. "So, a significant portion of my day-to-day at this point is working with that vendor to set up the transition process," she said. "We have 1,400 locations and 24,000-plus employees, so, making sure that transition is smooth so that we can continue hiring and then make sure that ... drug screening program is set up correctly, has been a massive overhaul."

Borst sees data collection as an emerging technology for Ferguson. "We are huge into data mining and trying to use the information that's already out there in a way that can improve our overall posture," she said.

Borst expects data will be more relevant to security in the future, such as in "continuing to identify areas [where] we can use data to pinpoint what we need to improve. The information's already out there; it's just a matter of figuring out a way to use that."-Spencer Ives

Rob Creedon, 36

Assistant secretary for security and emergency management, MassDOT

Boston

THE MASSACHUSETTS Department of Transportation covers different aspects of public transit within the state and it's where Rob Creedon first got started in the security industry.

Creedon's department handles security and emergency management for the five divisions of MassDOT: the Massachusetts Bay Transportation Authority, the Registry of Motor Vehicles, the highway division, the aeronautics division and the MassDOT corporate division. These responsibilities include all security infrastructure projects-such as cameras, access control, fencing, security-related assessments as well as other items under physical security, Creedon said.

The MBTA is a public transit system for the greater Boston area, including ferries, buses and a commuter rail system known as The T. "For The T, we're basically a ... project management group for operations and the MBTA police, where we're really doing a lot of physical infrastructure installations," Creedon said.

He added, "For some of the other agencies, where they don't have law enforcement dedicated to them, we do have an operations desk that is more responsible for response for alarms, working with local law enforcement and dispatches across the state."

Creedon got started in security by working on The T's Charlie Card, a system for paying fares started in 2005. "As part of the Charlie Card project, it was really the first security installation at the T where we were adding cameras, adding access control relative to the fare collection system and all of the infrastructure that went along with that." Creedon worked in IT management before returning to security at the MBTA and MassDOT, he said.

Creedon highlighted video analytics as a promising technology, specifically in mobile video transferred over 4G networks.-Spencer Ives

Dave Harben, 35

Enterprise leader of asset protection, Ascena Retail Group

Pataskala, Ohio

AS THE enterprise leader of asset protection for Ascena Retail Group, Dave Harben works with a team to oversee a total of 4,800 stores.

"My responsibility is leading a team of territory AP leaders as we basically develop and execute programs that build awareness, safety and integrity across our company. These roles are fairly new-they started back in January," Harben said.

Ascena has a variety of different brands: dressbarn, maurices, Justice, Lane Bryant, Catherines, Ann Taylor, Loft, and Lou & Grey. "Each brand had their own asset protection and loss prevention security department," Harben said, and in January 2017 Ascena decided to streamline the process. "Now, we cover all of the brands. ... Most of our time has been [spent] pulling data together on what each brand was doing specifically and rebuilding a new AP program for a $7 billion company."

Harben and his team members focus on giving the right education and information to store leaders, "so that even when we are not around, they know how to operate properly," he said.

Harben added, "That leaves us time to focus on more of the bigger issues, whether they are stores that have high shrink, large internal or external theft investigations that we need to handle, large safety investigations that we need to have-it's just another way to be a little strategic with the assets that we have."

Harben highlighted analytics-more specifically prescriptive analytics-as an up and coming technology, one that will help people to be more efficient. "You can get a lot of data from very different data pools, and you get a lot of information, and it gives you the ability to react very quickly," he said.-Spencer Ives

Matt Cain, 38

Senior investigator-corporate security, Verizon

New York

WORKING AS the senior investigator for one of the largest telecommunications providers in the world is something that Matt Cain said has been very rewarding.

"Originally, I wanted to be in law enforcement but I took a position in LP catching shoplifters while going to college and never looked back," he explained. "The more I learned about the industry, the more I learned I had a niche and I moved up very quickly."

He continued, "I've also had a lot of really good leaders and mentors along the way."

At Verizon, Cain works with a team of investigators in the company's Great Lakes Market, covering approximately 300 stores in nine states. "We also conduct physical security assessments and provide a lot of training and support to our stores," he noted. "As you can imagine, there are a lot of moving parts at Verizon due to our size but we have a great leadership team and we all collaborate very well."

In the area of new and exciting technology, Cain said he has always been interested in predictive analytics and the use of data.

"Extracting what you think might be completely irrelevant information, plugging it into a model and eventually seeing a positive ROI can be pretty rewarding," he said. "Unfortunately for our industry, we can sometimes be seen as reactive versus proactive, but this technology can help change that stigma by getting in front of problems and being more forward thinking."

Looking to the future, he thinks there will be "quite a few changes in order to keep up with new technologies such as facial recognition, etc.," he noted. "I'm also interested to see how the Internet of Things (IoT) world plays a part in how things are integrated."-Paul Ragusa

Michael Glasser, 34

North America security consulting manager, Microsoft Global Security/LMC Consulting

Redmond, Wash.

Michael Glasser has always been around security. But his father, who has been working in security in Brooklyn, N.Y., for more than 40 years, told him as a kid-"Don't be an alarm guy; go work in computers."

"So I started studying computers but the dot-coms fell and I couldn't get a decent job, so I started doing what I knew how to do, which is alarms," he explained, noting that he spent summers in his youth pulling cable and handing out brochures at ISC East for the central station where his mother worked.

Today, Glasser oversees a team of about 12 responsible for security system installations and physical security planning for Microsoft North America.

A self-proclaimed "tech nerd," Glasser said, "I am looking for things that don't actually exist today but are almost there-like fully software-defined readers so that we are not stuck with having to choose one brand of card. I would like to see us get to where we just pay licensing to whoever we want, and it is effectively just a software-defined radio that you can license with any technology you want."

Glasser sees the industry benefiting from deep learning in the future, noting that business intelligence "is by far the biggest technology trend I see coming. I also see increased leveraging of video technology and data by allowing the cloud to process it."

He also predicted continued improvement of force multipliers in security, giving a security professional much more power through the use of emerging technologies such as robotics and cloud computing

A big proponent for training and certification, Glasser is one of about 100 people to earn all three ASIS certifications. "I also have held a CISSP for over a decade and have SIA's CSPM. I am constantly working to improve myself."-Paul Ragusa

Tyson Johnson, 34

Security systems project manager, Aurora Health Care

Milwaukee

TYSON JOHNSON is responsible for security functions-including door access control projects and surveillance processes-throughout four hospitals in his specific region within Aurora Health Care.

"A big thing that we're working on right now is the upgrade from our old surveillance system into the new Genetec system, so we're working with different vendors ... and manufacturers," Johnson said; specifically, Aurora is working with Axis cameras and Convergint as an installer. Total, Aurora Health Care includes 15 hospitals, more than 150 clinics, more than 70 pharmacies and more than 33,000 caregivers.

Johnson got involved in security through an interest in low-voltage systems. "I started off as a low-voltage technician for a local electrical company and got to work on a couple of cameras ... that really got me excited," Johnson said.

For a period of time, Johnson was involved in sales. The prospect of designing and planning a security system for Aurora is one aspect that drew Johnson to his current position, he said, describing it as "a total ownership of the system, instead of ... like I had before, selling the equipment and walking away."

In terms of new technologies, "I like focusing on cameras the most, and what I've been seeing with their thermal imaging and perimeter protection, also with the new PTZs ... that [are] coming out," Johnson said. Additionally he also highlighted "the idea of cross-line detection and also people counting, so we know how many people can come in and out of the building at a given time. Those types of reports that we can get from different algorithms ... they're pretty impressive."

Asked about the future of the industry, "I think a standardization in education is going to be coming up in the next few years," Johnson predicted.-Spencer Ives

Max Kidd, 32

Associate director of technology, The University of Texas at Arlington Police Department

Arlington, Texas

AX KIDD got involved in security after getting involved with The University of Texas at Arlington a little more than two and a half years ago. "When I started at UTA, I was hired to do police-specific IT," Kidd said. "But, what came along with that ... was all of the physical security side."

The campus has about 4,100 students and 60 buildings with security installations, Kidd estimated. "What I handle is all of the physical security in regards to cameras and intrusion and PD specific access control. I fall under the police chain. I also do all of the police information technology," Kidd said.

"I think we're unique in that we self-install all of our cameras and I have another guy that works with me to help coordinate that effort," said Kidd. He added that this could become more common for similar sized environments, "because you can really control the end product if you're not having to constantly put it out for bid every year."

The university just installed a self-learning camera analytic that-instead of being rules-based-it uses a two-week learning period to then determine any anomalous activity. "The idea is to change the perception from being reactive with the cameras to taking a more proactive approach," Kidd said.

At a university, state budgets have an impact on security. "If we are given less money, how do we use that more effectively to ensure the safety of the students and faculty and staff of the campus?"

Asked about the future of physical security, Kidd predicted that there will be more privacy concerns. "We're a public university, it's public space outside ... but does that give us a right to record you, store images of you into some database?"-Spencer Ives

Billy Langenstein, 29

Director of event services, U.S. Bank Stadium

Minneapolis

BILLY LANGENSTEIN, now the director of event services for U.S. Bank Stadium, has experience working in public venues and sports arenas.

"I started out as a water boy at 15 years of age for an event security company in Philadelphia," Langenstein said. "From there I just continued to grow and learn the industry ... and absorb as much information as I could." He continued this experience working in music venues in Philadelphia.

Langenstein attended the University of Maryland for his undergraduate, and went to Georgetown University for a graduate degree in sports business. "Out of school, I had an opportunity to work with the Washington Nationals in Major League Baseball, out in [Washington] D.C. I started there as a coordinator of guest services and ... ascended to the director of event operations for the ballpark," he said.

"From there, I received a phone call with an opportunity to open U.S. Bank Stadium and be their director of event services," he said. "It was the right fit for me in my career, and a phenomenal opportunity, and that's where I am today."

He outlined some of his responsibilities: "I am overall responsible for event security, building security-everything from public safety as far as law enforcement, working with homeland security, the FBI, the National Guard," said Langenstein. He is also responsible for guest experience, emergency response, the stadium's rewards and recognition program, transportation logistics, medical operations, and event oversight.

Langenstein commented on how people will be involved in security moving forward. "We're never going to get rid of the human element in security; there's always going to be a human involved, and that's really important." he noted. "But, technology is here to support that person."

Langenstein highlighted drones as an upcoming threat within physical security.-Spencer Ives

Armando Martinez, 32

Regional loss prevention manager-Midwest, Bob's Discount Furniture

Manchester, Conn.

IN HIS current role at Bob's Discount Furniture, Armando Martinez is responsible for "driving our loss prevention program in 21 retail stores in Illinois, Indiana, Wisconsin and Missouri, conducting audits, store investigation training, store safety, and security of our buildings, for example" he said. He also manages and maintains the company's loss prevention case management and audit management systems, as well as its website.

Since Martinez joined Bob's Discount Furniture in late 2015, the company has grown from 64 to 89 stores.

"I have helped to open 21 of those stores here in the Midwest," he said. "So I have had the opportunity to play a heavily involved role in [the] planning and coordinating of our security systems in those new facilities and creating the roadmap for future buildings."

A tech enthusiast, Martinez said it is exciting to see how far CCTV has come. "When I started in loss prevention 10 years ago, I was working at a store changing VHS tapes out of a VCR every day, and today we are tapping in remotely to NVRs from our home and viewing locations from anywhere," he explained.

He continued, "Things like facial recognition, thermal technology, POS integration, analytics-all of these features are getting a lot more traction and becoming much more useful to businesses, not just from a loss prevention and security standpoint, but also to identify business patterns, be notified when VIP customers are in the store, etc."

Maritnez also predicts an increase in smart technology being used in commercial physical security. "Like with access control using biometrics and voice recognition and the Internet of Things really becoming prevalent in the industry-all of those systems working together to create better efficiencies for our facilities and better communication for us and for the operators."-Paul Ragusa

Bryan Kramer, 39

GSOC manager, Noble Energy Inc.

Houston

BRYAN KRAMER is the GSOC manager for Noble Energy Inc., an oil and natural gas exploration and production company with about 2,000 employees worldwide.

Kramer's responsibilities cover "everything from GSOC systems to GSOC administration, building a GSOC," he said. The company's main presence is in the U.S., around the Gulf of Mexico, central-Western Africa and the Eastern Mediterranean.

"A lot of my day-to-day activities include representing the Global Security Department in meetings with cross-functional teams and different departments within the company; IT, Environmental Health and Safety, and Production. I also frequently speak with personnel in the control centers that monitor the systems that regulate the products coming out of the ground," Kramer said. "That's where the money is made in the company. So, if we can have better relationships with them, it helps build a GSOC to be more forward-facing and provides a better service to the company-not just by watching alarms or cameras, but by correlating threats to critical processes and assets such as facilities and tracking travelers."

Kramer served in the U.S. Air Force for 10 years, which introduced him to security. "Half of that time I was a military working dog handler," he said. "The last year-and-a-half to two years I was managing the Air Force Base's Visitor Center; so, very similar to access control-I see overlapping processes that the private security industry performs."

Kramer added, "I was also a dispatcher for the base's 911 center; an Air Force security forces law enforcement desk sergeant."

After leaving the military, Kramer attended college and received two bachelor's degrees: one in criminal justice and another in computer science - information systems. Looking at the future of physical security, Kramer said, "It all depends on the culture of your company. There's a fine balance between convenience and security."-SpencerIves

Daniel Lowrey, 34

Director of security, Switch, LTD.

Las Vegas

COMING OUT of the Army at age 25, Daniel Lowrey said he was fortunate to be hired by Switch, a technology infrastructure ecosystem corporation whose core business is the design, construction and operation of advanced data centers.

"At Switch, I have come to enjoy many of the same things I enjoyed in the Army-the structure and the camaraderie-coupled with the demanding and awarding task of providing excellence in customer service," he said. "This challenging environment has been a catalyst that propelled my inspiration to continue my career in the security field."

Lowrey's role at Switch includes ensuring the physical security of more than 700,000 square feet of Tier 5 platinum data centers and their supporting infrastructure. "I oversee the daily operation of a security staff for our Las Vegas 9 and 10 facilities, which includes training and mentoring to the managers on my staff, and acting as a liaison between all operational staff to mitigate any customer impacting work," he explained.

Lowrey also assists customers with access requests for employees/vendors and guests, drafts policies and procedures as needed and serves on the company's Life Safety Committee.

Overseeing security for the company's newest facility, Lowrey gets to deploy new and emerging technologies. "I have the honor of working with trailblazers-the most talented, forward thinking engineers and technicians-in all aspects that go into the construction and operation of the world's best data centers," he said.

On the new technology front, Lowrey is excited about the role of robotics, both aerial and ground-based, and sees further cooperation and partnership between law enforcement and security, "as law enforcement uses predictive policing to better identify when and where there will be issues," he said. "That partnership is going to go a long way to shape our industry."-Paul Ragusa

Amanda O'Loughlin, 39

Security supervisor, Crane Currency

Nashua, N.H.

AS SECURITY supervisor for the Nashua location of global banknote manufacturer Crane Currency, Amanda O'Loughlin is responsible for both physical and information security.

"Crane Currency is an international company with several locations. My site is unique in that we manufacture the security features for currency all over the world," explained O'Loughlin. "What I am looking at is the risk not only to our physical assets but also our intellectual property and our data."

As the chairperson of the company's information security committee, she also liaises with the IT department in developing an information security training program for the company, training employees in security awareness and active-shooter preparation, as well as first aid, CPR and AED.

O'Loughlin got her first experience working part time as a security officer while earning her master's degree in criminal justice.

"I really liked private security-bringing that security awareness and teaching people how to protect themselves," she said. "That is really what motivates or inspires me on a daily basis-getting to help others help themselves; helping them to understand where their risks are, how to mitigate those risks and what to do when you can't possibly mitigate."

She sees a continued "overlap or blurring of the lines" between physical security and information security.

"There was always a separation between IT and physical security but it is important for us to be working together for oversight and collaboration," she noted. "We can't do it alone and we don't want any one person having too much power. I already see it with our integrators needing much more knowledge about network security, how to design a network and connect and communicate across different networks." -Paul Ragusa

Brady A. Phelps, 32

Physical security supervisor, Grant County Public Utility District

Ephrata, Wash.

BRADY PHELPS manages a lot of the security projects for Grant County Public Utility District; "Our county covers 2,700 square miles, so that's a lot of sites, and a lot of transmission lines and a lot of substations," he said.

"I started at Grant County back in January 2016 and when I got there I had to completely redesign the security department-and the whole program-from the ground up," Phelps said. Phelps helped to establish Grant County's first district security operations center for access control monitoring and video surveillance in July 2016, as well as a new drone program around March 2017.

Phelps manages the guard force, risk assessments and security assessments, cyberand physical security awareness training in the district as well as Grant County PUD's requirements under the North American Electric Reliability Corporation.

"We have 60-plus substations, we have two hydro-electric projects on the Columbia River in Washington State- that's how we generate all of our power via hydro." These projects are federally regulated dam projects, he noted.

After serving in the U.S. Marine Corp., Phelps worked as a security officer in various industries, such as loss prevention, hospitality security, event security and private contracting. Phelps had a role as a field investigator for Tuscon Electric Power, "That really opened my eyes to the potential for a security career-in both physical and cyber-in the utility industry. ... I decided that [is] what I really liked and that's where my passion was," Phelps said.

Asked about the future of physical security, Phelps predicted more overlap with cybersecurity. "I think that each and every physical security professional is going to have to open up to the idea that they're going to have to be cybersecurity professionals as well," he said.-Spencer Ives

Dan Sadler, 37

Director - Security Shared Services, Exelon Corp.

Baltimore

DAN SADLER said he feels lucky to have spent his entire career at Exelon Corp., the largest energy company in the U.S. measured by utility customers served.

"My professional security career started with an internship during my senior year of college and I have held several leadership positions at Exelon over the past 16 years," he said. "I started in the business continuity team, focusing on emergency planning and crisis management, and I excelled there and ultimately became the manager."

Sadler also served as the senior manager for cybersecurity operations and served as director of security operations before moving into his current role where he "oversees our security strategy functions," he explained, including "security risk management, budget, projects, controls assurance, identity and access management, supply chain risk, and merger integration functions."

He also has served on the governor's emergency management advisory council of Maryland and co-founded and served as president of the Association of Contingency Planners chapter in Maryland.

Sadler said he takes a very centralized approach to security. "We are responsible for protecting the grid for some of the most critical and highly populated areas in the country. So we aim to mitigate the evolving threats with our skilled personnel and our security capabilities, while keeping up with organizational growth and regional scale."

Although physical security is a constant challenge, cybersecurity is a major emphasis for the company and energy sector. "There is no silver bullet but we feel we are leaning forward with our capabilities and our broader team," he noted. "But cyber threats are changing every day and the malicious actors out there are using more complex tools."

In terms of emerging technology, Sadler is excited about "big data solutions on both the physical and cyber side that have analytic and real-time alerting capability, so you build certain use cases around physical and logical behavior." -Paul Ragusa

JR Webb, 35

Security Systems Lead, Square Inc.

San Francisco

STHE security systems lead for Square Inc., a financial and merchant services aggregator and mobile payment company based in San Francisco, JR Webb nanages a small team that works on deploying new security systems as well as maintaining and supporting current ones.

"I focus a lot on the security scope in office construction projects globally through project meetings and onsite visits, including the design, planning, vendor relationships, and implementation," he explained. "Building and supporting the physical security technology of the Global Security Operation Center (GSOC) includes managing regular system updates or upgrades. The main systems we build and support are global access control systems, security video platforms, intrusion detection, intercoms, and digital radio systems."

Webb has always had an interest in security, law enforcement, investigations, and technology. "I started out on the security operations side, and I realized that often our success or failure was heavily reliant on the condition of the security technology," he said. "This led me to want to learn more about security technology. I specifically sought to work for tech companies given the environment that is very receptive and supportive of innovation."

With the expanded use of cloud technologies and mobile phones and other devices, Webb is excited to see "new and innovative ways that we can authenticate people faster, with more reliability, and more seamlessly," he noted.

He continued, "The movement for interconnectivity of security systems has not truly been realized. I look to see with the rapid expansion of smart devices, smart buildings, and IoT ... new and more intelligent security products to be developed will deliver interconnectivity that can become the norm rather than a grand idea for the future."-Paul Ragusa

Derrick Provencher, 35

Security specialist lead, MAPFRE Insurance

Webster, Mass.

AS THE security specialist lead for MAPFRE Insurance, Derrick Provencher monitors all of the CCTV and other security systems for the company.

"We had zero cameras when I first got here and now we have 48 that have been installed over the past four-and-a-half years I have been with the company," said Provencher. "I take care of the Kantech controls, access IDs and badges, as well as overseeing the day-to-day stuff-monitoring cameras, patrolling areas, and investigations anywhere around the world. I also work with local authorities on investigations."

Provencher said that he got into security as a stepping-stone to become a police officer. "Since I have been in security for the past 10 years, I want to stay in the industry as I really enjoy doing it-working with the customers and employees-helping people," he said, pointing out that he worked for five years with Securitas before coming into his current role at MAPFRE Insurance.

Over the past 10 years, Provencher said camera systems and access control have "come a long way, especially with all the card readers today going from keys to more mobile access control in the buildings, which will be a continuing trend. I look to eventually get it so everybody at the company will have a swipe card to get in and out of the building."

He also sees a continued expansion of access control for buildings-tightening of security in and around buildings-while making it more convenient for employees, customers and visitors.

"I am very excited to check out all of the new and emerging technologies, seeing whether or not it is a good fit and can benefit the overall security strategy we have instituted here now," he said.-Paul Ragusa

Josh Wagner, 33

Security manager, Saint Luke's Health System

Kansas City, Mo.

AS OF October 2017, Josh Wagner has been working with Saint Luke's Health System for 10 years.

Prior to joining the security industry, Wagner served in the U.S. Army. "I did some armed security and then I started with Saint Luke's Health System in security. I started as a night security officer and just worked my way up to where I am now," he said.

"I'm responsible for the coordination and the delivery of the security program, and that includes managing and monitoring our department's service activities, performance trends, resource acquisition and retention," Wagner said. On the technical side of security, Wagner contributes to the planning, development, acquisition and implementation of Saint Luke's Health System.

"I manage five hospital campuses where we have security teams. We do provide security support for the hospitals that don't have security teams. . We still manage their cameras for them and their alarm systems and access control," Wagner said.

A newer security technology that Saint Luke's recently implemented is body-warn cameras. The health system started acquiring and implementing these systems about one year ago. "As far as health care security, it's pretty new and cutting edge right now-implementing those in hospitals," Wagner said. "The greatest value we've seen is the de-escalation factor."

Wagner added, "The health care industry has some of the highest rates of workplace violence. ... When somebody knows they're being recorded, they tend to act a bit better." In addition to the body-worn cameras, Wagner also said that Saint Luke's has "worked [over] the last several years to standardize all of our processes and technologies. So, we're finally now on the same camera system and same access control system and alarm systems."-SpencerIves

Jeff Worrall, 33

Security systems lead, Palantir

Palo Alto, Calif.

JEFF WORRALL works to maintain a standard level of security at all of Palantir's locations, despite a variety of differences among the buildings.

Palantir, a software company focused on data analytics, has more than 60 locations. "The unique challenge for me and my team is every office was built in a different era, or it has a different layout. ... Trying to keep the standards across the builds for all of these unique office spaces has been very challenging," Worrall said, and this requires considering different cameras, access control hardware or sensors, depending on the office space. Worrall added that he and his team find this challenge to be a fun part of the job.

"The day-to-day is basically: make sure all of our buildings worldwide are secured to our standard and keep them running, ... building out new buildings but also keeping the same online-in addition to research and development to stay on the leading edge of the tech-wave," Worrall said.

In high school, Worrall's interest in cars led him to take a job as a mechanic assistant at a local police department. He stayed for eight years, becoming fleet manager. The role inspired Worrall to pursue a degree in criminal justice at California State University-Sacramento, and taking a role in the campus police department. Prior to his job at Palantir, he held a role at Pixar as a safety and security officer.

Worrall is keeping his eyes on drone defense; drones could be a threat for both residential and commercial sides of the business, he said. He also highlighted the Internet of Things and cloud as technologies with potential.-Spencer Ives

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