GIT SECURITY AWARD 2021 – The Winners

Especially in these times one should be happy about the beautiful things. For example the GIT SECURITY AWARD. The winners for 2021 have been confirmed. Here are the top three products in all categories.

GIT SECURITY AWARD 2021 WINNER

WILEY

Category A

IT Security and Safety for Automation, Cyber Security

1. Winner

Euchner: CTM
Transponder-Coded Guard Locking Device
The new transponder-coded CTM guard locking device has been specially developed for use on small flaps and lightweight doors on packaging machines and is particularly impressive due to its small dimensions. It is one of the smallest guard locking devices on the worldwide market and provides process and personnel protection in the smallest of spaces. The guard locking device can be integrated almost invisibly into machines, providing design engineers with greater freedom. Despite its compact design, the CTM has a locking force of 1000 N and offers reliable safety door protection in accordance with Cat. 4/PL e as per EN ISO 13849-1 (highest protection class IP69). The CTM is also available as a hygienic variant and offers future-proofing in terms of Industry 4.0 thanks to intelligent communication capabilities.

2. Winner

Moxa Europe:
Intrusion Prevention System (IPS)
Cyber Security Solution for OT and IT
In order to ensure that network activity on industrial networks is authorized, Moxa's industrial cybersecurity solution allows to define granular access controls at different levels. One can define a whitelist of devices and IP ports that are allowed to access all or part of the entire network. In addition, one can also define the authorized protocol format to prevent unauthorized commands from passing through the industrial IPS or firewalls. Furthermore, OT engineers can even define which control commands can pass through the network to reduce human error associated with sending a wrong control command. In addition, the IPS provides virtual patching of vulnerabilities for operating systems, application software, and industrial equipment such as PLCs.

3. Winner

ABB Stotz Kontakt: HD5
Three-stage Enabling Device
The new three-stage HD5 Enabling Device offers maximum safety with extraordinary flexibility and perfect ergonomics. The optional emergency stop, the integrated flashlight and a motion sensor provide additional functions and optimum safety for the operator. Freely programmable control and signal elements for visual and haptic feedback allow for individual and customized use. Furthermore, the housing complies with the guidelines of "hygienic design" and is made of the highest quality materials. This ensures functionality also in demanding application environments. HD5 complies with protection class IP65 and has received CE, TÜV-Süd and cULus approvals.
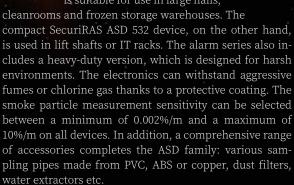
Category B

Fire and Explosion Protection, Industrial Safety

Securiton: SecuriRAS ASD
Aspirating Smoke Detector

The SecuriRAS ASD model family offers the right aspirating smoke detector for every application and allows scalable use in addition to high-sensitivity fire detection. The SecuriRAS ASD 535 monitors areas of up to 5,600 m². It features one of the most powerful fans available on the 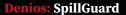market and is suitable for use in large halls, cleanrooms and frozen storage warehouses. The compact SecuriRAS ASD 532 device, on the other hand, is used in lift shafts or IT racks. The alarm series also includes a heavy-duty version, which is designed for harsh environments. The electronics can withstand aggressive fumes or chlorine gas thanks to a protective coating. The smoke particle measurement sensitivity can be selected between a minimum of 0.002%/m and a maximum of 10%/m on all devices. In addition, a comprehensive range of accessories completes the ASD family: various sampling pipes made from PVC, ABS or copper, dust filters, water extractors etc.

1. Winner

Ejendals: Jalas
Safety Shoes

The high-tech foot protection from the Swedish brand manufacturer Ejendals is the "snow chain for work shoes" and has advantages in terms of grip, stability, running speed and risk of slipping away. Slippery soil, icy surfaces and smooth ground have high potential for accidents. With its foot protection series Jalas Heavy Duty, Ejendals has created a first in occupational safety: The boots and half boots combine the protective properties of a comfortable safety shoe with vibram, highly professional extreme soles.

The Vibram Artic Grip sole convinces with ground adhesion and abrasion. The wearer also achieves a safer and faster walking speed on smooth, icy or oily surfaces (conventional safety shoes approx. 0.38 m/s; Ejendals products 1.00 m/s). The pressure measurements showed a load of 27 kg (10 kg standard shoes). Further advantages are ankle supports, shock absorption and ergonomic shape.

2. Winner

Denios: SpillGuard
Hazardous Leak Recognition System

SpillGuard is a leak recognition system for hazardous liquids. The system operates fully autonomous and fits into any type of spill pallet. It can detect every hazardous liquid with a sensor underneath the device and is classified for ATEX zone 1.

It is easy to install – it just needs to be placed on the deepest spot of a spill pallet and activated by the push of a button. A visual and audible alarm signal is created as soon as the sensor detects any kind of liquid and will last for a minimum of 24 hours. It can be turned off by pushing the button on it. The battery has a lifetime up to 5 years and the device has a highly resistant and electrically conductive housing to ensure a longtime use.

SpillGuard is a leakage sensor which alarms acoustically and optically when a hazardous substance is detected. It helps to react in time in case of leakages of hazardous substances and to avoid high follow-up costs for elimination and damage to the environment.

3. Winner

Übersetzen oder Ersetzen

Award-Verleihung virtuell

Seien Sie dabei, wenn wir die Preise an die Gewinner übergeben: auf den digitalen **Wiley Industry Days,** den WIN>DAYS –

am Mittwoch, dem **18. November 2020 um 16 Uhr.**

Registrieren Sie sich am besten gleich für die Show – die Teilnahme ist kostenfrei für alle Teilnehmer möglich: **www.WileyIndustryDays.com**

Category C

Video Security Systems (VSS)

Mobotix: M73
High Performance IoT-Camera

The Mobotix M73 is a decentralized, cybersecure and modular video surveillance system of the very latest generation. Based on the Mobotix 7 system platform, the M73 owner benefits from many AI-based applications already integrated into the camera firmware. With individually combinable 4K image sensor modules and function modules, the M73 can be adapted to any application. The M73 is designed for maximum robustness on both the hardware and software side and has a weatherproof camera housing. One or two optical sensor modules can be used with one M73. In addition, the M73 supports the video codecs H.264, H.265, MxPEG+ and MJPEG, triple streaming and interoperability with ONVIF Profile S and T. As a decentralized edge camera, the M73 offers relevant system advantages: In principle, no video server is required. This makes a pure Mobotix solution particularly easy to scale and saves time and work when installing and maintaining the video system.

1. Winner

Dallmeier Electronic: Panomera S
Surveillance Camera

The new Panomera S integrates up to eight sensors in one camera system. The patented software guarantees a precisely definable minimum resolution density, thus significantly reducing the number of screens and eliminating the need for additional PTZ systems. These are basic requirements for court usability, overview and analysis. The result is a much better control over even the largest spatial contexts, predictable data quality for analysis and a much smaller number of systems required. The latest generation is a completely new development which, in addition to an innovative design, features an intelligent housing concept with advantages in thermal and mechanical resistance. Both long distances and large areas can thus be covered with a precisely defined resolution density.

2. Winner

3. Winner

Abus Security Center: WLAN Akku Cam
Wi-Fi Camera

With the wireless and weatherproof (protection class IP65) Wi-Fi Battery Cam, Abus provides the perfect solution for flexible and convenient video surveillance of premises, pets or inside rooms. A long-life battery inside the camera for up to 13 months battery life and a base station that amplifies the Wi-Fi signal for connection to the router mean that the battery camera can be installed wirelessly and in almost any location. The camera transfers images to the base station in encrypted format and stores them locally and securely without the need for any cloud service. In addition, a high-quality Sony chip with a low-light function provides clear colour pictures day and night. The camera has a landscape format design, which makes it ideal for mounting under canopies and eaves. The base station can be attached to any power outlet with Wi-Fi reception in the house securing the data on an SD card protected inside the house.

Category D

Access Control, Intruder Alarm, Perimeter Security

1. Winner

PCS Systemtechnik: Intus 1600PS-II
Hand Vein Access Terminal

Intus 1600PS-II is a convenient and highly secure biometric access terminal that recognizes persons based on the pattern of their hand veins. Primarily developed for the protection of high-security areas, it also masters the use in comfort applications. It focuses on the security of all system components. The templates are encrypted while still in the sensor and the terminal then transmits this data via secure lines to the protected area. The sabotage contact detects any manipulation of the terminal. Multifactor Authentication ensures maximum security during recognition. The new version also detects people with shaky hands and operates in direct sunlight up to 80.000 Lux. The uniqueness and innovation lie in the combination of the highly sensitive sensor technology, which enables highly secure access control for rooms that are particularly worth protecting, with simplified application that offers the user a high level of user comfort.

2. Winner

Salto: XS4 Locker BLE
Electronic Locker Lock

By incorporating BLE (Bluetooth Low Energy) technology into their latest electronic locker lock, Salto has delivered a product that extends up-to-date comprehensive electronic access control to lockers, cabinets, and essentially anywhere on the peripheral. The new XS4 Locker with BLE technology drives manageability, creates a flexible and safe storage service environment, and enables users to have what they need at the touch of a mobile app or smartphone, wherever they are. The locker lock is fully integrated into the Salto Space platform and is also compatible with Salto KS Keys as a Service cloud-based access control. The XS4 Locker BLE is an ergonomic design based on the same housing and mechanical mechanisms of the original version and provides operators with real-time wireless control, configurable opening modes for users, updating credentials, blacklist transmission and automatic audit trail collection and battery status.

3. Winner

Cias: Micro-Ray 100MT
Linear Microwave Barrier

Micro-Ray is a barrier with MW rays for outdoor perimeter protection in any kind of environments. Especially developed for protection in very narrow corridors, it's capable to generate in the same tower up to 4 rays creating a linear sensitive zone with 40cm diameter all along the 100mt range, with very advanced anti-intrusion detection performance. This extends the possibility of application of microwave technology beyond the actual installation rules. Reliability of microwave can now be used even in the narrower spaces, where typically active IR technology is used, bypassing limitations of this technology. Suitable for any security application, it's IP ready and integrable with major CCTV and Access control platforms. Micro-Ray uses a revolutionary kind of microwave antenna, able to produce a very narrow linear detection zone, which works along with Cias Fuzzy Logic algorithms for the best performances of detection.

NOTE: Absolutely equal number of votes
The products of Cias and Dormakaba have actually the exact same number of votes received – therefore we award the 3rd winner in this category double.

3. Winner

Dormakaba: evolo smart 2.0
Smart Access Solution

The comfortable access solution dormakaba evolo smart is a free app that offers simple key management for private households or small businesses. The smartphone is used to determine who gets access and when, and programs the electronic door components from Dormakaba. The user opens the doors with a smartphone, ID card or a key fob. If an access medium is lost, it is deleted from the door with the app. For access with the smartphone, a digital key can be sent virtually to new users via the app. The user determines who is allowed to open a door at what time or not. All authorized keys are stored on a digital locking cylinder from dormakaba. This can be replaced with the existing locking cylinder in the door in just a few steps and the smart door is immediately a reality. Cabling is not necessary.

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Category E

Safety and Security Management, Services and Solutions

Hanwha Techwin Europe: Wisenet Serverless ANPR
ANPR Set

The easy to configure camera-to-camera IP communication technology enables up to 4 Wisenet ANPR (Automatic Number Plate Recognition) cameras, 1 master camera and 3 slaves, to simultaneously capture and transmit data to a convenient user interface. Thanks to its powerful chipset, the easily configurable, serverless ANPR solution can capture license plates of vehicles at speeds of up to 50 km/h with 95 % accuracy. Besides the monitoring of parking lots, gas stations or even small housing estates with several entrances and exits, Wisenet Serverless ANPR can also be used to collect valuable information for parking lot management administration like dwell time or occupancy. To enable the ANPR solution to interact with third-party software and systems, an application programming interface (API) is also available.

1. Winner

2. Winner

3. Winner

vi2vi: viGate
**Fever Measurement
via Thermal Imaging**

The viGate is designed as a checkpoint to minimize the risk for visitors and employees. The thermal camera can measure the object temperature with high accuracy in real time and detect persons with a higher face temperature. For flexible use, the handheld device provides optimal support. The truss construction as "One Stand" or bridge construction realizes a real gate. Different camera modules can be selected for fever measurement. The system includes a cable management system for trip-free installation of supply cables, a mobile separation system, a queueing system, an optical and acoustic alarm and message module, network-based analysis and interaction software and counting sensors.

Axis Communications: Body Worn Solution
Bodycam System

The brand new Axis Body Worn Solution includes the camera itself, the camera docking station (8 or 1 bay) and the system control. The camera records video at up to 1080p, 30 frames per second and audio via dual microphones with noise reduction. In addition, Wide Dynamic Range technology is used to ensure consistent image quality even under the most demanding lighting conditions. The system control provides a central integration and management point and allows for fast, reliable outsourcing of video (100 MBit per camera). All data is encrypted with AES256 and TLS both during storage and transmission.