VANDERBILT

A SHORT GUIDE TO VANDERBILT

Security - it's in our DNA

www.vanderbiltindustries.com

Welcome to Vanderbilt...

Joseph Grillo
Managing Director

An introduction from the Managing Director

I'd like to warmly welcome you to this new era in security. Prior to our acquisition of Security Products from Siemens in June 2015, you might not have heard of Vanderbilt. If that was the case, let me give you a few facts about who we are and what we do.

Headquartered in Wiesbaden, Germany, Vanderbilt is a global leader in creating state-of-the-art security systems. Our legacy is built from nearly three decades in the industry, and we have gained an enviable reputation for designing, manufacturing and distributing systems that make premises of all sizes safe, secure and easy to maintain.

Active in 95 countries worldwide, we supply and support in excess of 9,000 customers with a portfolio comprising over 2,000 products. Our entire range benefits from continued investment in the latest editions of relevant regional standards, thereby guaranteeing compliance, quality and reliability. Put simply, we're the only independent global business operating at this level and we provide a level of service that is agile, flexible and reacts quickly to our customers' changing needs.

As well as offering innovative and scalable products that promote customer profitability as a matter of course, keeping an eye on the future is vital. This is why we reinvest at least 10 per cent of our annual revenue into new research and development programmes.

We've produced this guide to give an overview of our range of products in the cornerstone technologies of access control, intrusion and video surveillance. If you were a customer of Security Products from Siemens, I'm certain that your experience of working with Vanderbilt will be an equally positive one.

Uniquely independent, at Vanderbilt we consider your success to be our success. I therefore hope you'll join me as we bring a refreshing perspective to an industry undergoing massive change.

Best wishes
Joseph Grillo

Vanderbilt - an evolution in European Security

About Vanderbilt

For over 30 years, Vanderbilt has grown with the security industry, establishing a global reputation for designing and manufacturing state-of-the-art security systems that are distributed across the world.

Our products range from simple single-user systems to highly customised applications, tailored to the changing needs of leading multi-national corporations. This flexibility gives them a vast customer base that includes banking, telecommunications, finance, manufacturing, healthcare, education, legal, accounting and government.

Vanderbilt's acquisition of Siemens Security Products puts the us in a unique position to incorporate Siemens respected, robust and integrated security products portfolio into our global manufacturing and distribution network.

That means the same expertise, the same trusted, yet innovative intrusion detection, video surveillance and access control products invigorated and driven to market by a security partner with a new dynamism and flexibility - a uniquely Independent partner for all your security needs.

Take a look at how European security has evolved, and let Vanderbilt products drive your next security installation.

Access Control Portfolio Overview

FIELD LEVEL

READERS, CARDS AND TAGS

NGCR only supports SiPass integrated & Aliro

Vanderbilt reader technologies include:
Smart Card 13.56 MHz, Cotag, Proximity 125 kHz and Magnetic Stripe.

SINGLE DOOR PRODUCTS

Codoor

Codelocks

Compact card reader

Bewacom

DC800

CONTROL LEVEL

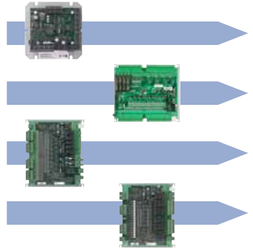
CONTROLLERS, DOOR CONTROLLERS AND INPUT/OUTPUT MODULES

Dual reader interface
ADD 5100

Eight reader interface
ADE 5300

Input point module
AFI 5100

Output point module
AFO 5100



Advanced central controller (ACC, ACC LITE and 4101-3)

- "Migration" of MK3 granta controller
- Peer-to-peer communication and event management
- 500,000 cardholders per ACC
- ACC has multiple ports with up to 96 doors over 6 field level networks
- Integration to Vanderbilt intrusion systems

CONTROLLERS, READER MODULES AND INPUT/OUTPUT MODULES

Door controller
DC22

Input/output module IOR6

InfoPoint IP812
Used for reservation

Segment controller

- Up to 16 controllers in one system
- Peer-to-peer communication
- Holds the complete database and can operate independently without a PC or server
- Integration to SISTORE and Vectis digital recording systems from Vanderbilt
- Buffer for 10,000 events

CONTROLLERS, DOOR CONTROLLERS AND INPUT/OUTPUT MODULES

Aliro Access Point, 1 door
AP01P

Aliro Access Point with PSU
AP01M

Access Points

- Controller for one door
- IP or RS485 connectivity to a system
- With or without inbuilt PSU variants
- Auto discovery by the software
- Connections for 4 x card readers / or 2 x Wiegand or C&D readers
- Capacity for 10,000 users and 100,000 cards
- Flexible input / output configuration
- Local anti pass back
- Local integration to Intruder panel

MANAGEMENT LEVEL

ADVANCED ACCESS CONTROL

* Granta migration
Granta users now benefit from a ready upgrade path to SiPass integrated. SiPass integrated offers a ready migration path from Granta, with a modern user interface, offering cost-effective integration with Vanderbilt Intrusion and CCTV solutions, as well as third party system integration into other CCTV solutions, Offline handlesets and business systems, such as HR, T&A and email.

SiPass integrated*

Main features

- Supports virtually unlimited number of doors and cardholders
- Available in multiple languages
- Highly scalable
- Built-in integration to Vanderbilt intrusion and video surveillance systems
- Automated functionality through event tasks
- Intuitive graphical user interface
- Comprehensive alarm management
- Built-in report generator
- Support of HR and business processes
- Integrated Photo ID
- Support for custom Wiegand card format
- Mifare card encoding
- Online firmware configuration and download
- Salto integration

Security controller · System administration · Visitor management

STANDARD ACCESS CONTROL

SiPass Entro

Main features

- Software to support up to 512 doors and 40,000 cardholders
- Twelve languages as standard
- 480 access groups and 240 time schedules
- 240 zones with five functions include: alarm control, anti-passback, roll call, entrance limitations and interlock
- 64 reservation objects
- 192 floors elevator control
- Smart and easy integration with SISTORE and Vectis DVRs

Security controller · System administration · Visitor management

STANDARD ACCESS CONTROL

Aliro

Main features

- Simple plug and play with automatic device detection
- Simple wiring with IP or RS485 at the door
- Web based software and Mobile Apps
- Flat system architecture
- Intuitive usage with onboard guided tasks
- Fully customisable to your requirements
- Direct interaction at the reader
- Suitable for today's multinational environments
- Support for 512 APs per system

Security controller · System administration · Visitor management

App

- Search & browse
- Void cards and users
- Renew card duration
- Override schedule rule
- Lock/unlock Arm/unarm
- Reset/Change pin codes
- IOS and Android platforms
- Instant system status report
- Show thumbnails of card holders
- Gesture based acknowledgement
- Add to/remove from access groups
- Add/Change photo (using camera app)
- Call/Email contacts directly from App
- Quick access to notifications, cardholders and doors
- Open door (pulse open) - deactivate button if door is unarmed/open

INTEGRATION

INTEGRATION WITH INTRUSION PRODUCTS

- Improved operational efficiency with centrally managed security and building management systems

INTEGRATION WITH VIDEO SURVEILLANCE PRODUCTS

- Improved out-of-hours security and evidence gathering with alarm triggered video recording

Please note that some products may not be available in your country. Contact your Sales Manager for further information.

Intrusion Detection Portfolio Overview

Access Control Product Portfolio – Security and accessibility in perfect harmony

Our access control portfolio consists of products and systems that ensure that the right people always have access to the right places at the right times, and the wrong people never do. Our access control systems are also easy to integrate with our intrusion detection and video surveillance systems to create truly interoperable security systems.

While security is of utmost importance, our access control products and systems have also been designed to provide a high level of convenience. As a result, our products are not only robust and reliable, they are also very easy to install, use and maintain.

All of our systems are both flexible and scalable, which means it's easy to modify or expand them at any time to meet changing needs.

Whatever the customer's needs might be – from managing access at a single door to overcoming the security challenges of large enterprises with thousands of doors and cardholders – we are confident that our access control portfolio offers the ideal product or system to do the job.

DETECTION & MONITORING

ROOM & OBJECT SURVEILLANCE

ADM-I12W1
Motion detector (Fresnel lens)

PDM-Ixx12/T
MAGIC Motion Detectors
Grade 2/3
(MAGIC mirror)

IR160W6-10
Motion detector (black mirror)

PDM-Ixx18/T
MAGIC Motion Detectors
Grade 2/3
(MAGIC mirror)

GM7xx
Seismic detectors

ADM-Qxx12/T
E-Line Motion detectors
PIR / Dual
Grade 2/3

UP370/T
Ultrasonic detectors
Grades 2/3

PERIMETER & PERIPHERY SURVEILLANCE

IMKW6-10
Door / window contact

ISxxx
External PIR detectors

Glass break detectors
Passive and active

IS43x
Active IR beams

ALARMING & SIGNALLING DEVICES

IPAW6-10
Wireless Personal Alarm Button

Silent alarms

Wireless detectors and peripherals

Wired detectors and peripherals

CONTROL LEVEL

SPC SERIES

SPC4XXX/ SPC5XXX/SPC6XXX control units

- 8 to 512 inputs
- Up to 120 wireless inputs
- 6 to 512 outputs
- 4 to 60 partitions with independent settings
- Up to 32 keypads
- Up to 64 2-year calendars
- Up to 2500 definable users
- Grade 2/3 system
- Cause and effect engine

SPCK42x
Wired LCD keypads with/without integrated card reader or wireless receiver

IRCW6-11
Remote control
Fullset unset
panic medical

SPCK52x
SPC Compact Keypad
Wired LCD Keypad with/without integrated card reader or wireless receiver

System units

SPCExxx/SPCPxxx
System expanders and power supplies

SPCN110
PSTN module

SPCW130
SiWay X-BUS expander

SPCN310
GSM module

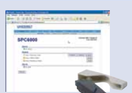
SPCW110
SiWay wireless kit

SPCE110
Keyswitch expander with 2 LEDs and 3-position key switch

Programming/Maintenance

- Local programming via keypad

- Local or remote programming via PC (SPC Pro software)



Door control

- Up to 2500 Users
- Definable user access levels

SPCA210
2-door expander

ALARM TRANSMISSION AND VERIFICATION

COMMUNICATION METHODS

On board IP
- Primary source of communication
- Alarm transmission
- Configuration and maintenance
- Audio/video verification
- SPC connect ready

GSM/GPRS
- Primary source of communication or
- Back-up to PSTN communication
- GPRS back-up to IP communication
- Alarm transmission
- Configuration and maintenance
- SMS alert and control

PSTN (analogue telephone networks)
- Primary source of communication
- Back-up to GSM communication
- Alarm transmission
- Configuration and maintenance

AUDIO/VIDEO VERIFICATION

SPCV340.000
Addressable 2-way device with speaker/ microphone. Audio verification over PSTN/ISDN.

CCMS2010-IR Box IP-Kameras
IP camera for audio video verification.

SPC Connect
SPC Connect allows you to control doors, cameras and detectors via a Smartphone from anywhere where there is an internet connection. Available for Android and iOS

REMOTE SERVICES

ALARM MANAGEMENT

- Connection to Central Monitoring Station (CMS) over IP and GSM (GPRS)
- Alarm notification and verification (audio, video) over IP
- Alarm notification over PSTN
- Alarm notification via SMS event messages
- Transmit alarms using SIA or CID using GSM or PSTN modems.

REMOTE PROGRAMMING & MAINTENANCE

- Store and retrieve controller data via SPC Pro, SPC Fast Programmer or Web server
- Off-site pre-configuration
- On-site or remote firmware upgrades
- Full access to security and maintenance functions via the on-board Web server or a PC with SPC Pro

REMOTE USER ACCESS

- Mobile app IOS/Android
- Control system
- View alarms
- Email notification
- Web access via browser
- Voice announcements to designated individuals (incl. audio verification)
- Redundant connection via IP and GSM (GPRS)
- **Smartphone application** SPC Connect

Google play | App Store

SPC TOOLS

SPC Safe
- Store and manage configuration files.
- Download files to Panel from stored configurations

SPC Remote maintenance
- Schedule reports on site status
- Review reports using SPC Pro

SPC Manager
- Create and edit users remotely
- Create and edit Profile remotely
- Create and edit calendars remotely

INTEGRATION

INTEGRATION WITH ACCESS PRODUCTS

- Improved operational efficiency with centrally managed security and building management systems

INTEGRATION WITH VIDEO SURVEILLANCE PRODUCTS

- Improved out-of-hours security and evidence gathering with alarm triggered video recording

Please note that some products may not be available in your country. Contact your Sales Manager for further information.

Video Surveillance Portfolio Overview

Intrusion Detection Product Portfolio – For superior detection and high false alarm immunity

Our intrusion detection portfolio consists of systems and devices for detection & monitoring, control & operation, alarm transmission, alarm verification and remote services.

Both our SPC controllers and their wide range of system components such as keypads and expanders provide installers and end users with unmatched flexibility and scalability. They also offer a cost-effective design and installation concept. The innovative technology behind our wired and wireless detectors and contacts for perimeter and perimeter surveillance, room surveillance and object surveillance, as well as our alarming & signaling devices, provide superior immunity and high detection reliability. Furthermore SPC is offering full remote access to security and maintenance functions via the on-board Web server or on a PC with SPC Pro and multipass communication.

Vanderbilt's intrusion detection products and systems are designed with both installer and end-user requirements in mind.

Easy integration with our SiPass integrated access control system ensures that full interoperability is built in as standard.

FIELD LEVEL

IP CAMERAS

IP box camera - From standard to 5MP camera resolution variants available

IP Fixed Dome

Compact camera

Bullet camera

IP PTZ Dome

Vandal resistant IP fixed dome

ANALOGUE CAMERAS

Speed dome

Vandal resistant varifocal dome

Fixed varifocal dome

Pan-tilt heads

Auto focus camera

Flameproof housing

Weatherproof housing

Infrared lighting

Telemetry receiver driver for pan-tilt heads

Day-night camera

Day-night camera

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CONTROL LEVEL

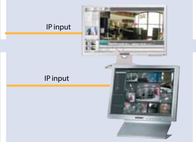
IP CAMERA RECORDING

IP input

Vectis IX

- Network-based video monitoring and recording for 6/16/32/48/64 IP cameras
- Conforms to ONVIF profile S
- Powerful onboard analytics such as integrated motion detection and video analytics (including people counting)
- Supports resolution of up to 20 megapixels
- Time sector engine for immediate recording and playback
- Common GUI throughout the Vectis IX range
- Interoperability with SiPass integrated Access Control
- Robust design for 24-hour permanent operation
- Dual monitor, full-HD real-time display
- Quad monitor, full-HD real-time display (Vectis iX CMS)
- Compact design for flexible installation

IP CAMERA RECORDING (SOFTWARE ONLY)



Vectis iX NVS / Vectis HX NVS
IP camera recording software

- 4 to 64 / 8 to 64 IP camera inputs
- Megapixel recording up to 5MP
- Direct streaming of IP cameras to client
- PTZ control
- IVM connection

4 channel single camera IP encoder

SINGLE CAMERA IP ENCODER

CNExx10 Encoders

- H.264, MPEG-4, MPEG-2 & MJPEG quadruple encoding
- Support encoding video at up to 4CIF resolution
- PAL & NTSC input signal supported
- High encoding performance: 25 ips @ PAL, 30 ips @ NTSC
- ONVIF Profile S compatible
- Motion & Alarm detection
- MicroSD card support up to 32Gb for local alarm recording (CNE0410 only)
- RS485 telemetry / PTZ control output
- 12 V DC power supply (Power adaptor provided) & PoE (CNE0410 only)
- 19" rack-mount (CNE0410 only)

MULTIPLE CAMERA IP ENCODER

HYBRID VIDEO RECORDER

Vectis HX

- Hybrid technology
- Full HD resolution
- H.264 compression
- Remote access via Vanderbilt RAS, Internet or Smartphone
- ONVIF 2 compatibility
- High resolution up to 2 megapixels per IP camera
- Integration of VSS_SDK interface

ANALOGUE CAMERA RECORDING

Vectis AX

- Real-time D1 recording resolution
- Support of 960H capable analogue cameras for Live and Recording purposes
- Support of Full HD main monitor
- Up to 7 TB internal HDD storage capacity
- eSATA interface to support Vectis
- HX external Storage Tank with max. 12 TB HDD capacity in addition
- Support of Vectis HX IP based Keyboard

SOFTWARE MANAGEMENT LEVEL

Vanderbilt RAS REMOTE VIEWING OPTIONS

Vectis RAS Software

The Vectis iX96 RAS comes with basic viewing functionalities and can be used in conjunction with the Vectis iX range to analyse and view video recordings across a LAN/WAN of up to 96 channels and 3 NVRs. IOS and Android APPS are available for convenient view and control of the system.

VECTIS I-RAS APP SOFTWARE

Vectis I-RAS App software

Vectis I-RAS App software allows you to access remote sites and monitor live video via network connection, anytime, anywhere using your iPhone or iPod Touch.

Available on the App Store | Google play

INTEGRATION

INTEGRATION WITH ACCESS PRODUCTS

- Improved operational efficiency with centrally managed security and building management systems

INTEGRATION WITH INTRUSION PRODUCTS

- Improved out-of-hours security and evidence gathering with alarm triggered video recording

Interoperable security systems

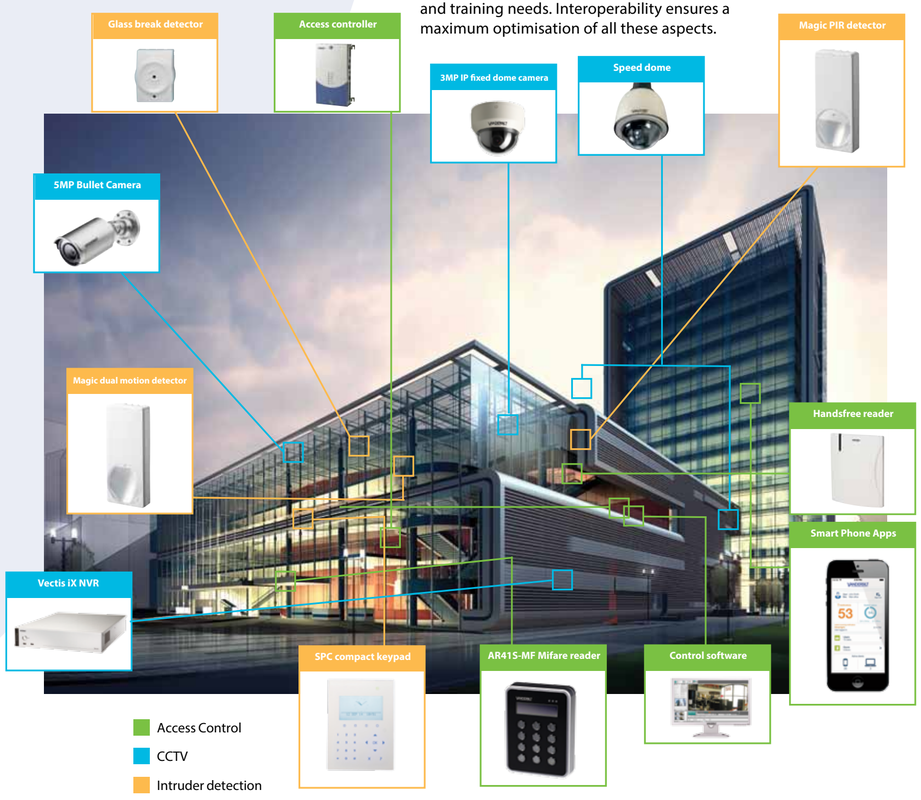
Video Surveillance Product Portfolio – Full visibility around the clock

Our video surveillance portfolio is designed to complement our access control and intrusion detection portfolios. It consists of dome and boxed cameras (both with IP variants), lenses, digital video management systems, matrix systems, pan & tilt heads, housings and accessories. As with all Vanderbilt products, the latest manufacturing techniques are used to produce video surveillance equipment of exceptional quality.

Vanderbilt's video surveillance products and systems are designed with both installer and end-user requirements in mind. Easy integration with our SiPass integrated and SiPass Entro access control systems ensures that full interoperability is built in as standard. In addition to this, remote access via internet or smart phones is easily achieved to ensure you are always in control, even when you are on the move.

Electronic security systems from Vanderbilt have inherent interoperability capability, meaning that regardless of the system size, the components can interact on the controller level without the need of a central management system. The Vanderbilt offering is in principle "plug and play" directly out of the box.

So regardless of the business application, everybody can benefit from the Vanderbilt security proposition because it focuses on the customers' expectation when it comes to time efficiency, budget constraints and training needs. Interoperability ensures a maximum optimisation of all these aspects.



VANDERBILT VISION

TO BECOME - the largest independent security products and systems provider in the world, offering a complete security products portfolio with considerable technological content.

TO GROW AND DEVELOP - our existing customer relationships and distribution networks with partners and installers internationally.

TO HELP - security professionals optimise revenue streams whilst improving customer productivity through out products' innate ease of installation, remote diagnostics and comprehensive technical support.

TO DELIVER - superior levels of protection through a portfolio of security products that harness emerging technology to foresee and satisfy current and future security needs.

TO MAINTAIN - our comprehensive security pedigree that is based on over three decades of heritage in the Security Products Sector.

VANDERBILT VALUES

AGILITY – Ability to respond quickly and flexibly to customer requirements and market pressures, because as an SME our decision making process is short and focused.

COMMERCIAL FLEXIBILITY – Ability to ensure that our proposition fits a particular set of customer or market requirements.

DEPENDABILITY – We are a reliable partner, whose products you can count on today and tomorrow, backed by a multi-channel infrastructure designed to provide technical and commercial support.

COMPATABILITY – Our products are designed for future- proof performance and backwards compatibility, along with relevant national approvals, open protocol software and international quality processes.

AMBITIOUS – Our determination ensures that we strive to provide a competitive, technically advanced range of products and systems that are easy to install, valued by end users and that add to our customers' success.

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The information in this document contains general descriptions of technical options available, which may not always need to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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SECURITY - IT'S IN OUR DNA

Security is evolving. Vanderbilt strives to discover new ways to address physical threats and changing circumstances such as demographic movement, urbanisation, global warming, and resource shortages.

Efficiency is critical, but cannot come at the cost of security for personnel, property or assets. In addition, we need to be mindful of the effects our products and their development have on the environment.

For our customers, success is defined by how well we manage these challenges.

www.vanderbiltindustries.com

VANDERBILT