

SIEMENS
Ingenuity for life

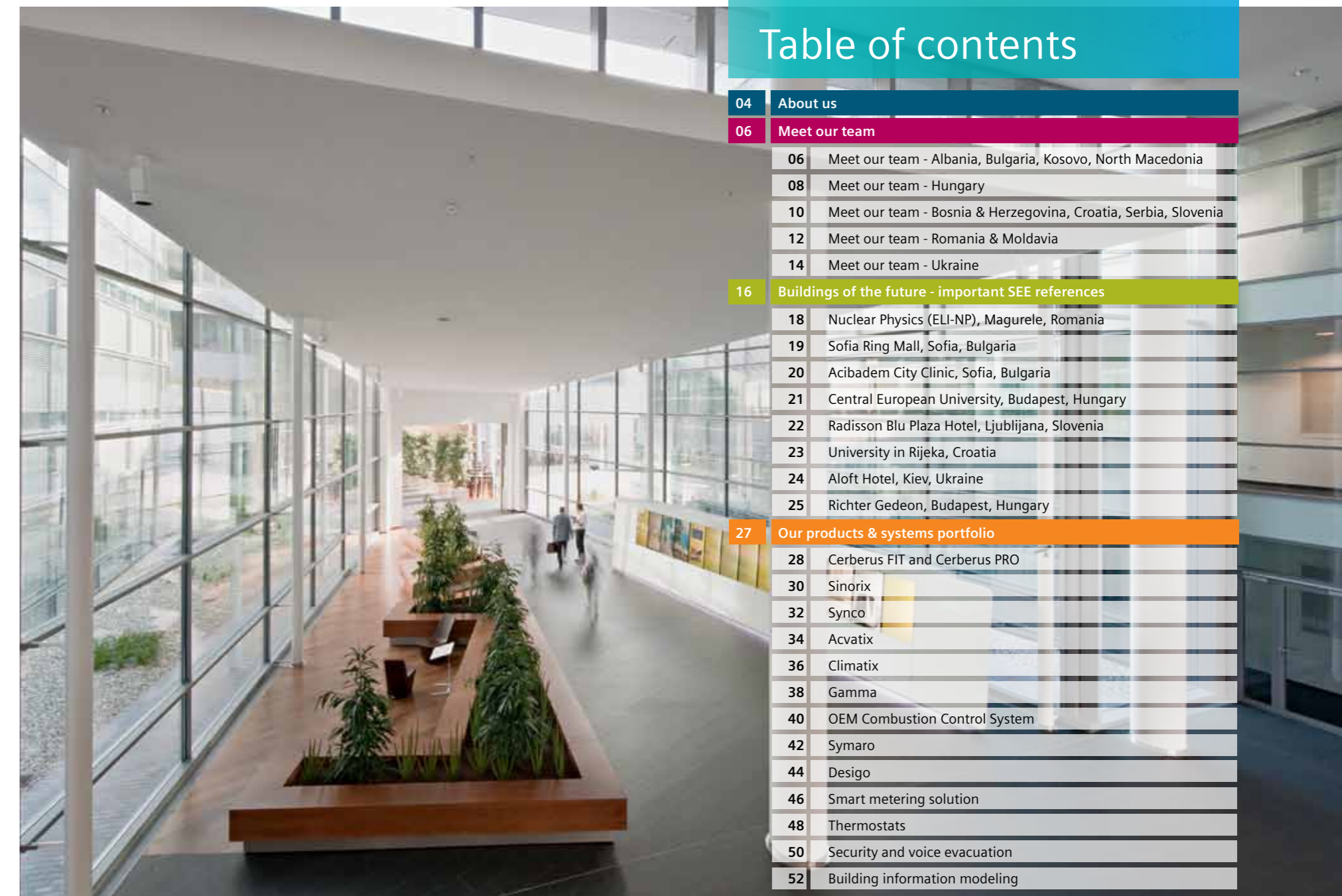
State-of-the-art technologies
for creating perfect places

Siemens Building Products South East Europe

[siemens.com/seeteam](https://www.siemens.com/seeteam)

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Dear Siemens Partner/Client,

At Siemens Building Products we believe that the places we spend time in have a great influence on our lives. They affect how we grow, how we develop, what we achieve, who we become. Today, people spend about 90 percent of their lives in buildings – not just their own residence, but also offices, production facilities, schools and universities as well as hospitals and retirement homes.

„Creating perfect places“. It is our inspiration and vision. Products and solutions from Siemens help to make these buildings perfect places – safe and secure places with a comfortable climate. We improve people’s lives by improving their buildings. With our expertise, our people’s competencies and our innovative portfolio, we drive the market and the digital transformation to create real value for people.



What we do

Essential applications of our business unit include building operation, automation, comfort, fire safety and security. The business unit offers products, solutions and services that optimize the energy costs, reliability, comfort and performance of buildings while meeting ecological and sustainability requirements. Siemens Building Products has a broad customer base that includes owners, operators and tenants of public and commercial buildings as well as general contractors, system houses and original equipment manufacturers (OEM).

- ### What we have to offer in South East Europe:
- A comprehensive portfolio of components, products and systems for demand-based, efficient control of heating, ventilation and air conditioning (HVAC) plants, with all components optimally matched and covering all technical applications in the HVAC sector.
 - Products and technologies aimed at optimizing the performance, comfort and energy efficiency of buildings and infrastructures across their entire lifecycle.
 - Innovative, high-quality fire safety products, systems and solutions for early and reliable detection, quick and deception-proof alarming and evacuation processes as well as intelligent extinguishing based on current room conditions.
 - Integrated security solutions, including command and control systems, security management systems, and intelligent video analysis systems.
 - Integrated systems and solutions for specific markets and industries such as data centers, utility companies, airports, hospitals and hotels.

Find your Siemens Solution Partner with Partner Finder

About us

Headquartered in Zug, Switzerland, Siemens Building Products is a leading provider of automation technologies and services for commercial, industrial and public buildings and infrastructures across their entire lifecycle.

Meet our team! Siemens Building Products

Albania, Bulgaria, Kosovo, North Macedonia

Find more
of our solution
partners here



Start date:
2003
as part of Siemens EOOD

Management team

Sales Team Lead:
Alexander Stoyanov

Sales Team Business Administration:
Denitza Zafirova



Solution Partners

Ataro Clima Ltd.

Owing to its extensive scientific and manufacturing experience Ataro Clima is a leader in construction of facilities in the field of heating, ventilation and air conditioning. Its activities cover design, manufacturing of components and complete construction of HVAC systems, warranty and post-warranty service.

New System Ltd

New System offers solutions for building automation (BMS), home automation (KNX), hospital call systems and energy efficiency / ESCO. Design, delivery, installation and maintenance of automation and control systems for heating, ventilation and air-conditioning, energy metering; Implementation of Building Management Systems, information and communication systems; electrical installations, including Home Automation based on KNX open standard.

NALCO Systems DOOEL

Nalco Systems DOOEL founded in 1989 and headquartered in Skopje is the leading provider of Building Management Systems (BMS) and energy saving systems. Nalco SYSTEM operates in North Macedonia and offers design, delivery, installation and maintenance of the systems.

Klima In Group International Ltd.

Klima In Group International Ltd has been in the market since 1997 and has proven itself as a reliable partner in the fields of heating, air conditioning, ventilation, air conditioning automation, energy preserving technologies, humidifying equipment and integrated automated home systems (Smart House).

PROTECH Jsc.

The Company was founded in 1992. Its business activities include design, delivery, installation, start-up and maintenance of high-technology electronic systems in the following fields: Fire detection and fire extinguishing systems; Smoke exhaust systems; Intrusion detection (alarm) systems; Access control and time attendance systems; Hotel access control systems; Video surveillance (CCTV) systems; Electronic Article Surveillance (EAS) systems against shop-lifting; Door phone entry systems; Electrical wiring devices and systems (sockets, switches, electronic dimmers etc.);

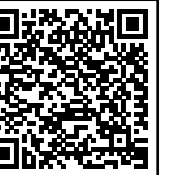
Tehnoinspect doo

Tehnoinspect is the market leader for installation, project design, test and maintenance of fire protection systems. Some of the company activities include: design of fire protection systems (fire detection systems and fire suppression systems), design of dangerous and flammable gases detection systems, installation, service, maintenance and testing of systems, technical control and inspection activities, safety trainings, health and safety projects and others.

Meet our team!

Siemens Building Products Hungary

Find more
of our solution
partners here



Start date:
2003

Management team

Sales Team Lead:
Andras Medveczky

Sales Team Business Administration:
Zsuzsa Stipkovits



Our partners:

| www.siemens.hu/cps/partnerkereso

Solution Partners

B Consulting Ltd.

B Consulting Ltd. was established with the aim of providing technically and economically optimal solutions to its partners in the field of property protection. Their activity covers all aspects of security: fire and gas hazard warning, auto-fire detection, intrusion detection, access control, video monitoring and surveillance systems.

Pentolt Ltd.

Pentolt Ltd. was established in 1996. The activities of the company are the design, construction and maintenance of fire alarm and fire extinguishing systems. Furthermore, Pentolt Ltd. carried out safety engineering systems on several projects.

Piroplan Ltd.

Piroplan Ltd. was established in 1995 and designs fire-protection systems. The company's team consists of professionals like mechanical engineers, one of them is the executive director and lead designer of the company. An electrical engineer, who worked in the staff of Siemens Cerberus Ltd. Budapest for ten years, who is also the lead designer. The company designs sprinkler systems which comply with the Hungarian standards as well as the FM, VDS, FOC, LPC rules and the international fire protection policy requirements of the FM, IRI and AXA insurance companies.

SBT Protect Ltd.

SBT Protect is a Fire Safety Solution Partner which was founded in April 2013 by former Siemens employees after a strategic decision that finished project execution and service activities within the business unit Siemens Fire Safety and Security Products. SBT Protect is a 100% private owned company and it has the "Siemens Solution Partner" certificate.

DRGB Ltd.

DRGB Ltd. was established in 2009 and mostly focuses on intelligent family houses, but they also undertake projects concerning office buildings. Their main responsibility is the installation and engineering of various smart solutions.

Elszöv Automatika Ltd.

Elszöv Automatika Ltd. offers the planning and execution of building automation and related high voltage systems in Hungary. They provide services ranging from submitting an offer up to the turnkey solution. Elszöv manufactures control cabinets and distribution boxes in their own workshop from the simplest

SBT Automatika Ltd.

The company was established as a result of business outsourcing by the former business unit BT BAU (Building Technologies, Building Automation) of Siemens which was carried out in 2013. SBT Automatika was established by the former staff of the division, with the support of Siemens.

Thermo Control Ltd.

The company's main goal is to increase the efficiency and raise the comfort level of buildings and facilities. They also assist in safeguarding our environment and in developing sustainable solutions.

Meet our team! Siemens Building Products

Bosnia & Herzegovina, Croatia, Montenegro, Serbia, Slovenia

Find more
of our solution
partners here



Start date:
2004

Management team

Sales Team Lead:
Igor Kulasic

Sales Team Business Administration:
Nina Siegl



▶ SIPATEC BUILDING – Reseller from Serbia

Sipatec Building is a team of professional engineers with many years of experience in contracting, designing and executing automation installations but also in installing industrial automation as well as safety and security in buildings. Their experience relates to technology of business buildings, shopping malls, smart houses, hotels, hospital technology and many more.

▶ KOMMUNIO – Heat Cost Allocator Installer from Slovenia

Kommunio d.o.o is a private company that was founded in 1993 because of the awareness that in the future the need for the most economical use of natural resources will become paramount. The company started to expand its area of specialization relatively quickly and as a result, it expanded its business activities to real estate management.

Solution Partners

▶ SMART BUILDING TECHNOLOGIES Total Building Solution Partner from Serbia

They are a solution partner on the way to an efficient and safe building and a reliable contact for equipment and services of the highest quality, tailored to your individual needs. The company's team consists of highly qualified staff who originally worked for Siemens Ltd. Belgrade. These professionals have gained years of experience in local and international markets. A significant part of the staff formerly worked for the company ELPAS, who used to be the market leader in fire alarm systems.

▶ AEROTEH – Total Building Solution Partner from Croatia

Aeroteh Ltd. was founded in 1999 with the intention of becoming the first Croatian company oriented in building automation systems, with emphasis on thermo technical installations. They provide a full suite of services ranging from the support in planning and execution of activities related to automatic control, commissioning and maintenance.

▶ A KODA PLUS – Fire Safety Solution Partner from Slovenia

A Koda Plus offer effective and affordable solutions for building technologies. They provide their customers the highest level of safety and security for people and property within the scope of requirements and available budget. A Koda Plus is the only certified systems integrator in Slovenia for the entire range of Siemens' security systems.

▶ SBT – Total Building Solutions Partner from Croatia

SBT doo is a company founded in 2013 after the restructuring of Siemens dd Zagreb. After the reorganisation, SBT doo took over most of the Siemens Building Technologies employees. Due to the highly professional team, they are able to make the most complex projects in the field of automatic regulation, fire protection and technical protection. Their vision is to further expand on the domestic and the regional market, to the mutual satisfaction of our new and existing customers. SBT increases the quality of their business by constantly training their employees and improving the process in order to best meet the challenges ahead.

▶ PRO-KLIMA – OEM air handling producer, member of Wolf group from Croatia

PRO-KLIMA was founded in 1967 and since the very beginning the company has been dedicated to quality and professionalism, while maintaining a positive atmosphere of intense cooperation and learning among their employees. They are proud of their ambitious business surroundings and of the successful synergy in which both experience and innovation efficiently cooperate to find the best way to improve products, services and the company itself to serve their customers, both in Croatia and abroad. Through successfully finishing the project of technological production reconstruction (TOP) and becoming part of WOLF group, PRO-KLIMA has, by the end of 2015, become a prominent part of the European market and strives to accomplish much more.

▶ ALFA THERM – HVAC Solution Partner from Bosnia and Herzegovina

Alfa Therm is a center for thermal power solutions with a focus on investments such as trade centers, industrial buildings, hospitals, hotels, religious facilities, buildings for special purposes, residential complexes and many more. They offer a complete service of design, installation, maintenance and servicing in the field of heating, air conditioning, ventilation and automatic regulation, taking care of energy efficiency and environmental protection.

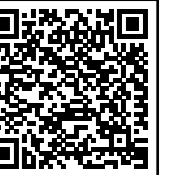
▶ ARCUS – Fire Safety Solution Partner from Bosnia and Herzegovina

Arcus d.o.o. was established in 1999 and has been operating out of its main office in Sarajevo, Bosnia and Herzegovina. The company focuses on specialist services on various buildings, such as: office buildings, hotels, shopping malls, banks, industrial facilities, embassies, hospitals, schools, religious facilities, residential buildings etc. Their primary areas of expertise include technical protection for buildings, people and their property. The majority of their projects and operations are implemented in Bosnia and Herzegovina. However, they have participated in several projects in neighboring countries, Libya, and Iraq.

Meet our team!

Siemens Building Products Romania and Moldavia

Find more
of our solution
partners here



Start date:
2004

Management team

Sales Team Lead:
George Zapan

Sales Team Business Administration:
Mioara Mihăilă



Solution Partners

Gerom

GEROM International which was founded in 1993, has become one of the most important companies in the field of security systems. Due to their focus on continuous improvement of their staff's professional skills, GEROM has succeeded in fulfilling its mission and providing professional, safe and high quality solutions to their clients.

Metropolitan Services SRL

Metropolitan Services SRL was founded in 2005 in Arges County and provides a wide range of services including project management, design, execution, commissioning, service and maintenance for systems like security, fire protection, automation, audio-video, IT&C infrastructure and many more. The company is an experienced service provider and integrator and their qualified team consists of engineers as well as mechanical and electrical technicians.

Eta2U

Eta2U is one of the most important suppliers of IT products and services and is the main integrator of complex IT solutions in western Romania. It is one of the most certified companies in the Romanian IT market with a history of over 25 years and a performance constantly recognized through annual nominations in the national list of top companies.

Building Control

Building Control, which was founded in 1994, is a Romanian building management solution supplier offering turnkey solutions. The company is specialized in designing, delivering, implementing and commissioning of HVAC systems.

Napa Impex Ltd.

With more than 20 years of experience Napa has managed complex projects like office buildings, hotels, universities, supermarkets and different types of factories and production units. Together with their partners, they offer complete solutions regarding all installations in buildings ranging from consultation, design, execution, initiation, guarantee and postguarantee maintenance services.

Flexik Automation

Flexik Automation is run by experienced engineers, technicians and execution and maintenance workers who are highly experienced in delivering turnkey projects. They have over 25 years of experience in building, interior finishing, fixtures and fittings, heating and ventilation/airconditioning systems and electric installations. Flexik's team has been trained in Romania as well as abroad.

Suport Total BMS

Suport Total BMS has over 7 years of experience in building automation.

CCM Import Export

CCM Import Export offers turnkey projects, providing a wide range of specific services: ranging from pre-sale (consultation and assistance, studies-partnerships, design-partnerships) to post-sale services (installation of clean rooms, validation, warranty service and post guarantee). Thanks to a team of specialists with trainings and projects executed in Romania, France and Austria, they offer complete solutions according to each client's requirements.

Meet our team!

Siemens Building Products Ukraine

Find more
of our solution
partners here



Start date:
2005

Management team

Sales Team Lead:
Denys Myronenko

Sales Team Business Administration:
Inna Martynjuk



Solution Partners

Intercondicioner

Intercondicioner is the largest manufacturer of HVAC systems in Ukraine and carries out work on the manufacturing, adjustment and maintenance of industrial ventilation equipment. PJSC Interconditioner was established in 1996.

AeroStar Ltd.

For more than 10 years, AEROSTAR GROUP has been a recognized leader in the market of ventilation equipment. Trusted by more than 7000 customers from different countries, the company guarantees a solution of the most difficult task.

Transexpo VTP

VTP TRANSEXPO is the market leader in the field of engineering solution system integration and provides effective systems and services as an end product. The company's sphere of business consists of complex solutions for fire protection and safety systems, early detection systems for anthropogenic emergencies and building management systems. It furthermore offers complete IT solutions for buildings and constructions, consulting and engineering of the above mentioned systems, including full packages of fire protection management services for objects of any complexity

Techprilad Eng. LLC

Established in 1994, Techprilad is one of the leading companies in Ukraine specializing in the supply, engineering support and after sales service of high quality equipment for control, metering of fluids and gases in pipeline systems.

W&H Group

The company has been a player in the Ukrainian market for more than six years. During this time they have proven to be a reliable partner, equipment supplier and a strong engineering organization.

ATK NVP

The research and production enterprise ATK is a powerful engineering institution for simplifying the life of people in modern environments. For 10 years the company has been working on creating unified control systems and the installation of engineering systems of buildings. They offer high standards for diverse client needs by offering them services for design, installation, commissioning, as well as post-warranty maintenance of their systems.

Florian-T – Fire Safety Solution Partner

For more than 13 years Florian-T has been working on the design, installation and maintenance of fire protection and safety systems in Ukraine. The company provides customers with high quality services with full ISO 9001: 2015 compliance.

SALD Ltd.

SALD has successfully been providing a full range of services in the Ukrainian engineering systems market for more than 20 years. The company offers high quality services on the design, delivery and installation of fire, security, alarm and access control systems as well as commissioning, warranty and service maintenance.

Buildings of the future
Important SEE references



Extreme Light Infrastructure - Nuclear Physics (ELI-NP) - state of the art technology for safety and security, Magurele, Romania

ELI-NP is going to be the most advanced research infrastructure in the world focusing on photonuclear physics studies and applications. As the first large scale European research facility in Romania, the project is likely to become the flagship of the national scientific research, covering frontier fundamental physics, new nuclear physics and astrophysics, as well as applications in nuclear materials management, materials science and life sciences.

The fire safety, extinguishing and security solutions consists of Siemens systems and technologies: control software platforms like Danger Management MM8000 and building management system Desigo 5 integrating fire safety system Cerberus PRO, extinguishing system Sinorix 1230, anti-intrusion system SPC, access control system SiPass and video surveillance Sistore MX. This important and complex reference project was implemented successfully by Romtest Electronic, Siemens Solution Partner in Romania.

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Maximum comfort and reliable safety for Sofia Ring Mall, Sofia, Bulgaria



The newest and largest shopping mall in Bulgaria was equipped with a Building Management System from the Desigo family as well as with a complete range of fire safety products and security systems - Cerberus PRO, XC10, Danger Management MM8000, SiPass Integrated and Vectis IX IP CCTV. Siemens Building Products Bulgaria meets the client's request for optimal energy efficiency without sacrificing comfort and for a state-of-the-art fire safety and security installation, capable of reliable protection of both people and assets.

Now, Sofia Ring Mall beneficiaries from building performance that provides both maximum comfort and reliable safety – a proven way to retain the end customer's satisfaction and the key goal for the shopping mall's management. Also, there is a substantial decrease of energy consumption which means lower costs and long-term sustainability.

The first Desigo CC reference in South East Europe - the Oncology Clinic of "Acibadem City Clinic" in Sofia, Bulgaria

The first Desigo CC reference in South East Europe is the Oncology Clinic of "Acibadem City Clinic" in Sofia, Bulgaria. The clinic has a total area of 12,000 sqm and a 140-bed capacity. Its medical staff exceeds 250 doctors and healthcare professionals. Siemens Bulgaria Solution Partner, New System Ltd., implemented DESIGO CC with 3500 physical points. The project included the integration of 55 VRF units, DDC and field equipment for 12 Air handling units, DDC and field equipment for heating and cooling center, monitoring and control of ventilation in general areas, monitoring and control of chillers, pump, fans and others, monitoring and control of smoke dampers system and of diesel generator using Modbus protocol along with the monitoring of fire safety and security systems, including fire alarm, intrusion detection and access control systems, monitoring of power supply system and of medical emissions system.



Innovative solutions for a smart building - Central European University (CEU), Budapest, Hungary



Regarding the design of the building systems for the new CEU campus, Siemens' task was to ensure the function and intuitive manageability of the building automation and security systems. Most elements of the installed technology are interdependent and operate in close interaction with each other. CEU also expected the building to be energy-efficient and environmentally responsible.

This required innovative solutions like the Desigo CC platform from Siemens.

For instance the ventilation system of all lecture halls is controlled automatically by signals from air quality monitoring sensors. As a result, the ventilation system will replace used air with fresh air using only the required minimum amount of energy. Energy efficiency is also supported by a function that automatically ventilates the entire building based on measurements of indoor and outdoor air quality and temperature. Ventilation and temperature can also be adjusted based on room occupancy or time of day. The building's fire alarm, access control and CCTV systems were also integrated into the design. Siemens state-of-the-art technology is an important part of CEU's two new buildings, contributing to energy efficiency and cost savings.

Safety and comfort for Radisson Blu Plaza Hotel, Ljubljana, Slovenia

To increase the safety and comfort of their guests, the Radisson Blu Plaza Hotel Ljubljana needed a smart solution. The Siemens Solution Partners installed a Cerberus PRO fire protection system as well as a range of building automation solutions. Apart from reliable and efficient the comfort and safety devices also had to be invisible to guests. The solution consisted of the Cerberus PRO fire protection system installed by A Koda Plus Ltd. as well as a range of building automation solutions, all managed by the Desigo Insight system. These solutions also included PX controllers and RDF Konnex thermostats which were commissioned by Avtoma and Synco controllers by Al-Ko Therm. Now, Radisson Blu Plaza Hotel in Ljubljana benefits from state-of-the-art safety, security and energy efficiency thanks to Siemens discreet and architecturally harmonized solutions.



Safety of the students personnel and equipment come first in an university University in Rijeka, Croatia

10 buildings and over 100,000 m² of challenges



This project's greatest challenge was to integrate the central control and management systems of the ten buildings constituting the University Campus into one service within the University's technical department – the Department for Control and Management.

Synova and Sinteso solutions are used for fire detection, SiPass for access control and Siemens SPC series for anti-theft protection. The main advantage of the current fire detection system, which was supplied by Siemens, is in the total solution for surveillance and monitoring of a building complex like University Campus Rijeka that currently has 10 buildings (many more are planned), and many more advantages like an integral approach to all systems (safety systems and systems of fire and gas protection), management of these with a small number of staff, service support and authorized licensed partners in maintenance, and reducing costs of energy consumption.

Aloft hotel – the modern home away from home in the heart of Kiev, Ukraine

Designed for global travelers, Aloft Hotels offers 310 comfortable loft-inspired rooms and a vibrant social scene, all in a modern tech-savvy environment, in the center of Kiev. The hotel is one of newest Siemens Ukraine references for Fire Safety solutions, implemented along with Siemens Ukraine Solution Partner VS-TRANS LTD. There were installed around 2000 detectors, 200 IO-modules, 200 Sounder base DBS720 and the systems are managed through the state of the art management platform Desigo CC, which integrated 4000 fire safety points. The hotel is functioning since February 2018.

Thanks to the Siemens solutions the hotel is able to offer their guests extra comfort and safety during their stay.



A successful building automation solution for Richter Gedeon Plc., Budapest, Hungary



As a supplier of their building automation systems, Siemens has a long history of cooperation with the well-known multinational pharmaceutical company Richter Gedeon Plc.

Richter is fully satisfied with the technical solutions provided by Siemens, which is best proven by the fact that our systems developed along with the factory in Budapest over the past few decades.

Our built-in devices are responsible for the automation of office comfort and technological areas (air handling units) and furthermore for the controlling of laboratories and fume hoods (RXC system with special firmware).

There are still some old Staefa controllers working in some buildings. However the newer ones are already equipped with 214 PX controllers. In total this reference has around 18.000 data points and 4 Desigo Insight terminal servers with 42 management stations.



Our products
& systems portfolio

Cerberus PRO

A smart and powerful fire safety system



Fire safety today requires a comprehensive understanding of safety needs and innovative solutions. Protecting people and assets. Securing business processes and continuity. This is what fire protection is all about. Cerberus™ PRO is a powerful fire protection system for fast, reliable fire detection, alarm signaling and control. Its wide portfolio of innovative products provides clever technology with extensive safety features for small to very large applications. So you can be sure to meet your application with confidence. Moreover, detectors with our unique ASAtechnology™ offer advanced signal analysis and selectable parameter sets. As a result, they ensure very fast and highly reliable detection

of the fire criteria smoke, heat and carbon monoxide even in the most demanding application areas – from data centers to industrial production facilities. For you this means maximum safety and optimal protection of people and assets, without false alarms.

Highlights:

- Unique detection reliability and protection against false alarms - thanks to ASAtechnology with different parameter sets – set detector to specific environmental conditions;
- Smart, unique safety features – such as built in isolators and integrated degrade mode;
- Safe and easy commissioning – thanks to autoconfiguration;

- Integration into the danger management system from Siemens;
- Extended network possibilities for widely distributed or complex buildings;
- Remote access via Ethernet and Cerberus Mobile – operate systems from any location;
- Broad detector portfolio – meet all requirements from sensitive to robust;
- Evaluation of the fire criteria – smoke, heat and carbon monoxide;
- Broad range of special detectors – to cover all types of applications:
 - +Linear smoke detector – for high ceiling areas with limited accessibility;
 - +Flame detection – for areas with highly flammable materials;

- +Ex detectors – for areas subject to explosion hazards;
- +Aspirating smoke detectors – for demanding applications that require very early fire detection;
- +Radio fire detection – for areas where cabling is difficult or not suitable due to structural/aesthetic reasons;
- Modernization in two phases – long-term investment protection thanks to latest technology and plannable investment costs;
- Siemens has 160 years experience in fire safety – more than 60 million detectors installed worldwide.



SIEMENS
Ingenuity for Life

Alexander Stoyanov

E-mail: alexander.stoyanov@siemens.com

Benefits

Unique safety features

Cerberus PRO provides a great number of safety features for earliest detection of fire, heat and smoke as well as fast reaction in case of an event. Moreover, the detector range covers all applications from standard to sophisticated and ensures reliable detection with no false alarms. This translates for you into ensured business continuity and peace of mind.

Cost efficiency

Cerberus PRO also stands for less costs. First of all, ensured business continuity results in both cost and time savings, as you will have no process interruptions. Moreover, Cerberus PRO is a future-proof investment that lets you benefit from reduced planning efforts as well as low life cycle costs.

Available through Siemens-approved partners
Cerberus PRO is available through Siemens approved partners who also offer reliable support. Whether sophisticated fire safety technology or comprehensive service – you receive everything from a single source.

Cerberus FIT

Cerberus FIT FC360 is an addressable 1-loop fire control panel - the ideal solution to reliably protect small to medium-sized applications. It is easy to install, commission and maintain thanks to embedded Panel Configurator.

At the center of the system is an addressable 1-loop fire control panel of the FC360 series with simple and intuitive user interface. The compact panels are intuitive to operate and you can connect up to 126 C-NET detectors and peripheral devices, including ASA neural fire detectors with the unique ASAtechnology™ from Siemens. Your plus: the detectors offer outstanding detection reliability and immunity to false alarms in any environment. And because Cerberus FIT is an open maintenance system you can choose any maintenance provider once your system is installed and commissioned. What's more, Cerberus FIT is an EN-compliant fire protection system. It is approved and certified by independent certified by the independent certification body, LPCB. Trust in the known and

Cerberus FIT

Cerberus FIT FC 360 – the addressable 1-loop panel



proven quality from Siemens – and enhance safety with Cerberus FIT.

A smart solution for fire protection with Cerberus FIT conventional system

Fire protection is all about protecting people and assets as well as securing business processes and continuity. With Cerberus™ FIT, we offer reliable and cost-efficient fire protection for various applications. With approved system devices coming from one supplier you can be sure that everything has been

designed to work perfectly together and when that supplier is Siemens you can feel confident that it will stay that way. The flexibility of the panels allows the system operation to be optimized for each application. The complete range of detectors means that fast reliable detection can be provided in every area. FC120 control panels are a cost-efficient solution for small to medium-sized buildings. You benefit from quick and easy installation and little maintenance. They are compatible with the Cerberus 110- series from Siemens.



Sinorix - intelligent extinguishing solutions



SIEMENS
Ingenuity for Life

Zeljko Damjanovic

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A perfect fire protection solution requires technology and expertise. Sinorix™ intelligent extinguishing solutions, offer you the latest technologies based on long-term know-how and experience in fire detection and extinguishing from a global partner. The solutions are tailored to your individual needs to maximize business continuity. Fires are detected early and extinguished quickly and reliably. Sinorix high-quality solutions protect people, environment, processes, and assets.

Sinorix 1230 - automated extinguishing solution based on chemical agent Novec 1230

Sinorix 1230 is the latest generation of our chemical extinguishing systems, offering a range of unique features and benefits. This integral solution from one source also comprises a comprehensive service portfolio – from risk assessment, system design, installation, and commissioning to maintenance. Sinorix 1230 is based on a long-term, sustainable technology that has one of the highest safety margins and ensures quick and reliable extinguishing without negative impact on the environment, especially on global warming. The 42-bar technology from Siemens is space-saving and assures maximum design flexibility.



Synco - enhanced comfort and energy efficiency



Buildings place different requirements on HVAC control systems depending on building size, life cycle, operating times and comfort needs. Synco™ can be matched to all these requirements: The standard controllers offer maximum energy efficiency plus reliability and represent a product range of modular design. This means that Synco enables you to plan a versatile, constant energy-efficient HVAC control system and to straightforwardly install and commission it – with no need for programming. In addition, functions like the energy indicator or the HomeControl app support your customers in monitoring and controlling their HVAC plant, facilitating energy-efficient operation.





Acvatix - Less effort,
high efficiency



The new Acvatix™ generation offers you a consistent range of actuators and valves. New as well as optimized products simplify sizing, selection and installation. Acvatix offers everything you need to plan, equip and maintain HVAC plants quickly, easily and safely.

Acvatix enables you to satisfy the increasing demand for energy-efficient HVAC plants even more effectively. By using advanced technology, the new Acvatix generation achieves maximum energy savings when it comes to valves and actuators. With the finely graded KVS values of these new valves, you can size your plant to fit the need exactly – and thus save energy.

To protect existing plants and ongoing projects, Acvatix offers unique hundredpercent backward compatibility extending over 40 years. You also benefit from the rugged design, high dependability and lower maintenance requirements of our actuators and valves, which are backed by decades of experience and intensive testing in Siemens' own laboratories.





Climatix - the comprehensive HVAC portfolio meeting all your requirements



SIEMENS
Ingenuity for Life

Igor Kulasic

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The Climatix product range has both standardized and customizable control solutions that are designed for scalability, and operation in any type of OEM heating, ventilation and air conditioning application. The Siemens designs for Climatix controllers are based on in depth application expertise and decades of experience in manufacturing HVAC controls.

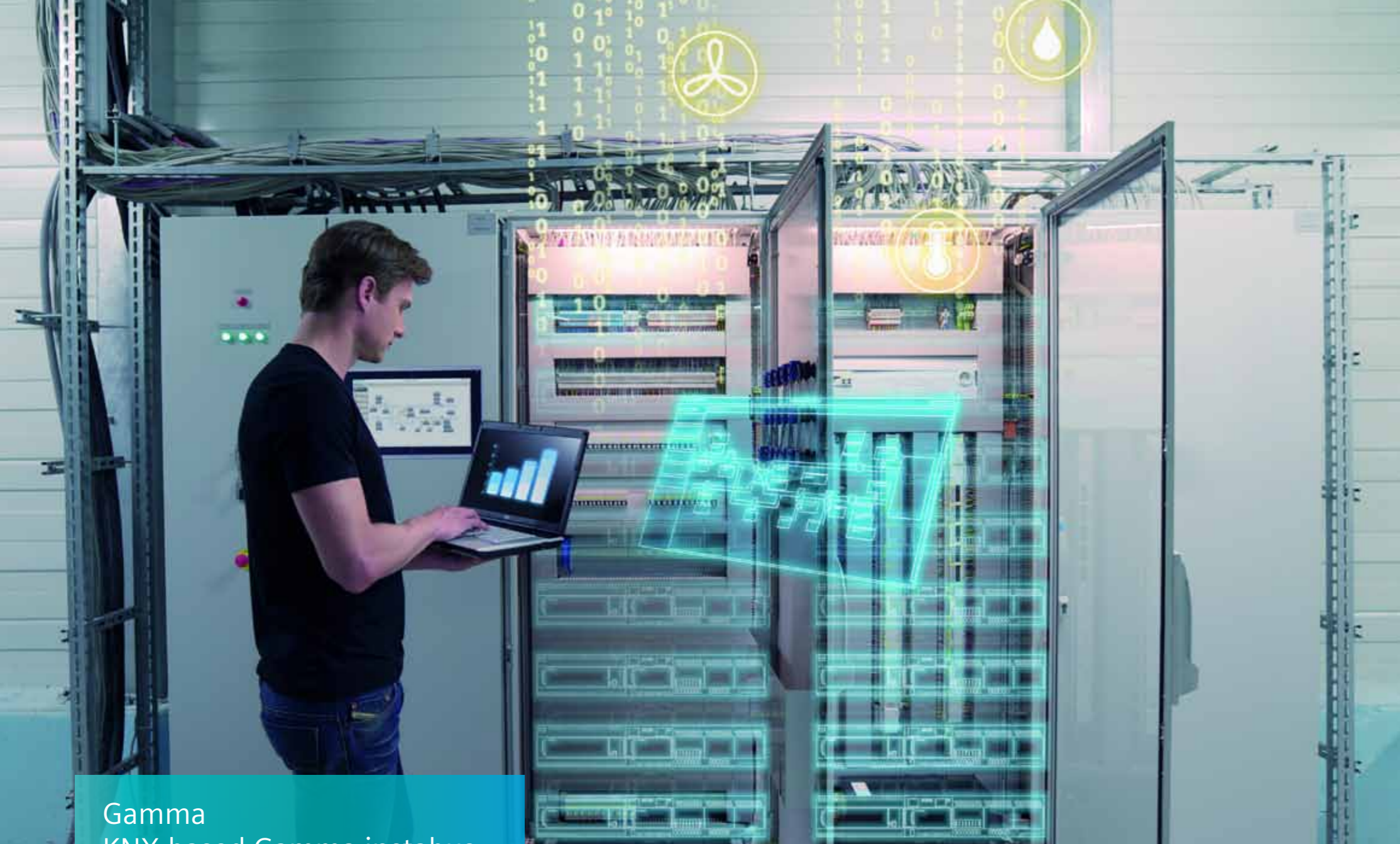
Climatix controllers

Based on a modular design concept, the Climatix 600 controllers can be combined with a range of controllers, extension I/O modules, communication interfaces, HMIs, and programming tools, to create a flexible and robust solution. The Climatix 400 controllers with dedicated hardware are and adaptable and cost-optimized for compact chiller/heat pump, and ventilation systems, in both residential and light commercial plants.

Climatix IC – Remote Servicing System

HVAC systems often operate in places far from the OEM’s production center. This can lead to high service costs and travel expenses which can be avoided, especially during warranty periods. The Climatix IC Remote Servicing System facilitates diagnostics, optimum settings or system upgrades from any location – with no need for having a service engineer on site. But should it prove necessary to visit the plant, the available data will enable the service engineer to do his work efficiently.





Gamma
KNX-based Gamma instabus

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The tried-and-tested Gamma building control is based on the world-wide open standard KNX. KNX enables all components in house and building control systems to be networked flexibly via the two wires of the bus cable. Whether you want to realize highly complex multi-utility systems or are looking for small solutions – the KNX technology can be adapted to your individual requirements.

An investment in GAMMA instabus pays off quickly – particularly in terms of building operating costs. Energy savings are achieved in many areas: the rooms are only heated, cooled, ventilated, or lit when they are actually in use. As long as the sun is shining, the sun protection is automatically controlled to avoid unnecessary heating and cooling costs. What's more, it is coordinated with the lighting control in order to reduce lighting costs by maximizing the influx of daylight.

You also keep a firm grip on maintenance costs: repairs can be controlled by means of failure signals and restricted to work that is actually essential, while options such as remote diagnostics, control, and parameterization cut traveling times as well as the costs they entail.





OEM Combustion Control System
Solutions for any size of burner

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With our extensive experience in the field of forced draft oil and gas burners, Siemens is a leading and reliable partner for burner manufacturers. We offer the most comprehensive portfolio in this market segment and base our product development on the safety, reliability and functional requirements of our most demanding customers. Additionally, new requirements placed on high-efficiency burners, low emission levels and the use of bio fuels demand innovative solutions. Our extensive use of high-quality, mechanics, electronics, sensors, and other components is unique and enables the use of our products in a broad variety of physical and regulatory environments. We offer a wide range of solutions for residential, commercial and industrial burners. Together with our partners and with research institutes, Siemens is actively researching and developing solutions for a cleaner future.





Symaro – energy-efficient, innovative measurement that pays off over the long term



SIEMENS
Ingenuity for Life

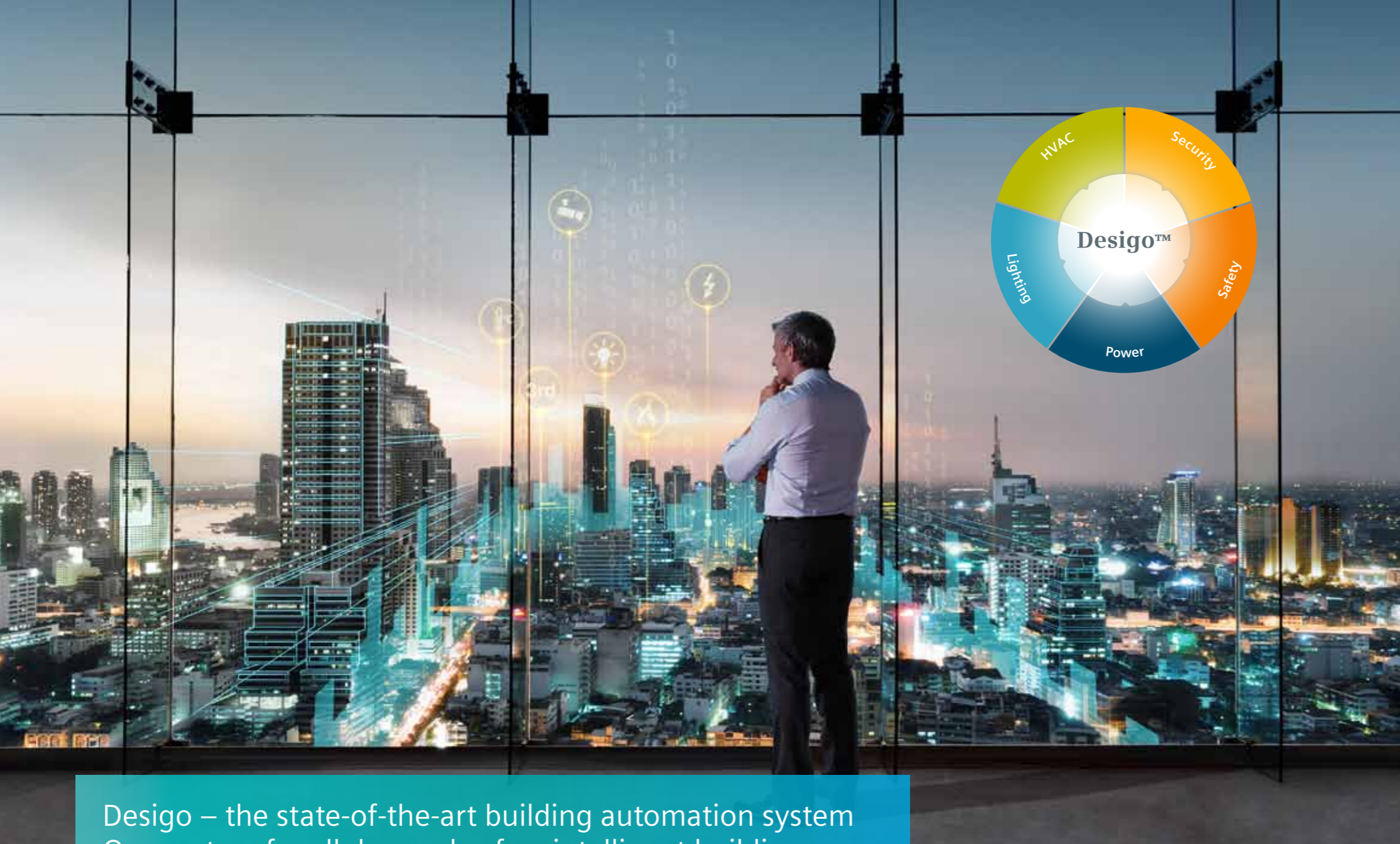
Georg Bayer

e-mail: georg.bayer@siemens.com

With innovations such as integrated self-monitoring and highly versatile multi-sensors for different applications, Symaro sensors are a secure investment in the future. And thanks to an installation concept that has remained unchanged for decades, they can be quickly installed and put into operation – so your investment pays off right from the start.

Whether for measuring temperature, pressure, humidity, air quality or flow in rooms, ducts or outside areas, Symaro offers a transparent, clearly structured range of sensors for typical HVAC measurements and applications. The range also includes multi-sensors that measure mixed gases, as well as sensors for special areas, for example in the pharmaceutical industry. Digital correction algorithms guarantee clean, clear measurement signals. Tested applications ensure full compatibility with all HVAC controllers from Siemens. In addition, the connection to standard commercial third-party systems is always an option thanks to standardized output signals.





Desigo – the state-of-the-art building automation system
One system for all demands of an intelligent building



Desigo – a flexible building automation system that covers all your building needs.

Desigo can cover all automation levels, Room Automation and building management needs. Maximum flexibility has become a key argument for investors and tenants. The Desigo building automation system can easily adapt to changing requirements, offering optimized usability and comfort, and improving performance in a perfect place.

Desigo CC – the integrated building management platform.

Desigo CC is highly adaptable and covers anything from simple, single-discipline systems to fully integrated buildings. Easy to operate, monitor, supervise, optimize and manage functions, Desigo CC sets industry standards. As a building management platform based on open architecture, Desigo CC easily adapts to your needs today and tomorrow, so it can also ensure and prepare your installed system for future migration.

Desigo Control Point – the embedded building management station.

Desigo Control Point helps you to simplify your building automation tasks, maximize room comfort, lower maintenance and energy costs. Desigo Control Point consists of touch panels in several sizes for user control of lighting, shading and climate in individual rooms. It also offers web servers that enable an overarching remote control of entire buildings as well as monitoring and optimizing energy consumption.

Desigo Room Automation – flexible and modular for any type of room

Desigo Room Automation links all disciplines within a room and ensures the perfect interplay between heating, ventilation, air conditioning, lighting and shading. Desigo Room Automation ensures a comfortable room climate, good air quality and optimal lighting conditions with as little energy as possible.



Smart metering solution
All from a single source – unique portfolio,
wide field of use and first-class quality



SIEMENS
Ingenüenly for Life

Josip Horvat

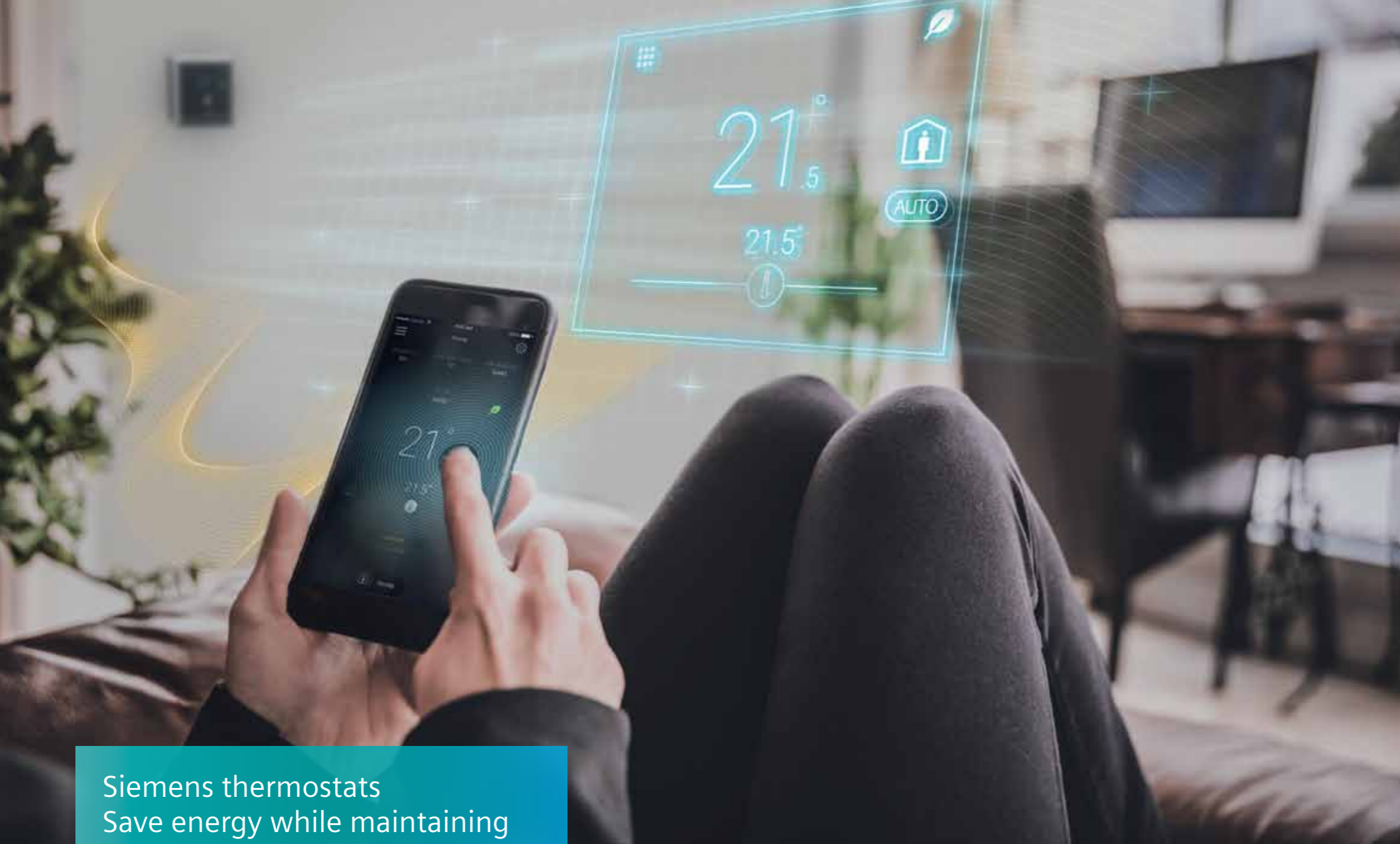
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This portfolio ensures satisfied administrations and tenants thanks to the transparent billing due to the permanent display of the energy consumption. This leads to the energy being used in a more conscious and economical way, so that the tenants can save money and pay only for the energy consumed, reducing the conflicts between tenants and administrations. The responsible consumption means lower CO₂ emissions, which leads to a healthier environment.

High investment protection based on open standards

Our meters and readout systems are also designed to meet future requirements since Siemens is strongly involved in the development and promotion of international standards. Thanks to open standards existing systems can be extended or modified at any time, meaning a long-term investment protection thanks to longevity and reliability.





Siemens thermostats
Save energy while maintaining
a constant room climate







Siemens has a complete thermostat portfolio, ranging from simple mechanical & digital room thermostats for basic room climate control, to advanced KNX communicating thermostats for integration into building automation systems. The portfolio offers unequalled application depth as well as specialized applications for specific building types. Siemens satisfies even the very toughest international energy saving standards such as EN15232 and eu.bac class A or AA. Furthermore Siemens, as a global innovator, is driving future thermostat market trends:

for example, indoor air quality control for the best occupant health and productivity; and communicating, cloud-connected thermostats to revolutionize building management and remote service.

The Smart Thermostat is different. Different from any other thermostat you know. Its unique features benefit both professional installers and end customers. From easy installation and fast commissioning to being always in touch with its surroundings, it creates perfect places.



-  Intuitive use and automatic updates
-  Healthy indoor conditions
-  Improving energy efficiency while lowering energy costs
-  Perfect room temperature in less than one day



Security and Voice Evacuation

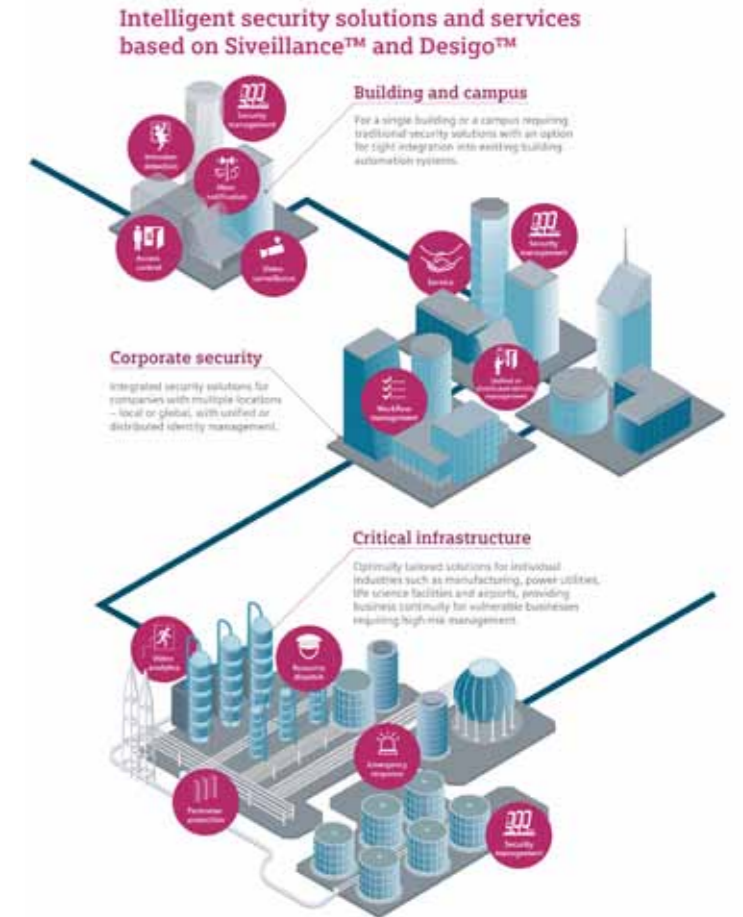
Andrej Potocnik
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Security Solutions

Security is one of the most important enablers for the way we live and do business in a globalized world. We are committed to providing innovative solutions for buildings, global corporate sites and critical infrastructure. Siemens Security Solutions based on an innovative approach to security, our Siveillance system comprises a comprehensive range of security solutions and systems – from intelligent video surveillance and access control to intrusion detection and perimeter protection, up to danger management system – which can be configured to meet specific requirements depending on the needs of the individual customer for a particular site or type of industry.

Cerberus PACE – Public Address & Controlled Evacuation

In emergencies a single second can save lives. Cerberus PACE (Public Address and Controlled Evacuation) has been designed to the highest standards, including EN54-16. It's flexible, modular and engineered to your individual needs. With Cerberus PACE, you can cover all your public address and voice alarm needs with a single solution. It was designed with the specific convenience and emergency applications in modern businesses and organizations in mind, from ambient music to public speaking to guided evacuation.



Building information modeling - changing the way we build, collaborate and operate

The future of the construction industry is digital and Siemens is successfully driving the digitalization of buildings forward. With our holistic approach and extensive experience supported by our state-of-the-art technologies, we create the perfect place for all stakeholders.

BIM is a revolutionary, forward-looking digital planning and working method that integrates the work of all stakeholders involved. With BIM, a building is built twice – first virtually and then physically. The physical construction process begins only after the virtual building meets all expectations and specifications, saving time and costs while improving quality. Naturally, changes are easier to make in the virtual model than in the real physical building. This value creation extends beyond the planning and construction phases. The consistent use of a common BIM database also has a measurable positive effect on the long-term and cost-intensive operation phase. In other words, BIM enables significant productivity gains in all phases of a building project.

As with every other aspect of our lives, digitalization is transforming the entire building lifecycle. This transformation presents far-reaching opportunities. While BIM clearly allows us to plan and construct buildings with greater insight, it also creates significant benefits that are realized during the operation phase. All of this will improve profitability over the entire building lifecycle and generate measurable advantages for investors, planners, contractors, tenants and operators.



When building technology creates perfect places – that's Ingenuity for life.

Never too cold. Never too warm.
Always safe. Always secure.

With our knowledge and technology, our products, our solutions and our services, we turn places into perfect places.

We create perfect places for their users' needs – for every stage of life.

#CreatingPerfectPlaces
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Meet our
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