

An aerial night view of a city street, likely in New York City, showing tall buildings on both sides. The street is illuminated by streetlights and car headlights. A white line with a bracket points from the text "Am I safe traveling home?" to the street below.

Am I safe traveling home?

Through intelligent security solutions with Siveillance,  
we help make the world a safer place.

Answers for infrastructure.

**SIEMENS**

**How can we secure the city without  
restricting movement and growth?**

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With integrated security solutions from Siemens you can tackle urbanization head on

### Facts & figures

- In 2025 the earth will be home to nearly eight billion people, that is almost 20% more than today, and most of them will be living in cities.
- Since 1955, average life expectancy has increased by 20 years. Lower birth rates and higher life expectancy are leading to an aging population.

Megatrends affect the way we think and do business. The world of tomorrow will be shaped in large measures by two megatrends: urbanization and demographic change. We at Siemens help meet and master these challenges in everyday life.

# We offer you peace of mind at all times

Today, perhaps more than ever, security is one of the most fundamental aspects of our lives. Whether you are responsible for people's security, have assets to protect or you must guarantee business continuity, you need to be able to rely on integrated security solutions. Such solutions can help you to prevent crime, warn you of any dangers before they occur, enable your staff and external agencies to communicate effectively, or simply ensure that things run safely and smoothly.

As your professional security partner, Siemens helps you to meet these challenges both today and in the future. Our inventive security solutions with Siveillance™ and our portfolio of services are tailored to your individual requirements, providing optimum support throughout the entire life cycle of your site. From planning and the design concept, to training and services, we ensure that everything important to you is protected.





Siemens provides next generation security solutions that help keep you and your family safe.

#### ■ A changing world

Security is vital for every person, business (public or private), community or infrastructure and cannot be taken for granted. The past few years have especially made us aware of the growing threats and that is why security has continuously adapted to face current challenges – be it against burglary, theft, violence, manipulation of data and processes or acts of terrorism and sabotage.

Combine these more 'obvious' security risks with those of today's fast-paced international business environment, it is critical that security brings protection as well as new chances and opportunities for enhancing your business.

#### ■ Changing security

Today, businesses not only have to think about physical and electronic security but also logical security including the protection of their intellectual property and data protection.

As security risks continue to change, more and more companies are demanding comprehensive security concepts that support business continuity and profitability. Such solutions are increasingly being influenced by progress in the IT sector. The rapid pace of technological development in digital image processing, biometrics, data transmission and location technology now make integrated solutions possible.

#### ■ Siemens provides the answers for now and in the future

Siemens uses intelligently networked solutions to meet today's challenges. Drawing upon in-depth know-how and experience, Siemens is able to conceive, design, build, maintain, monitor, finance and even operate integrated security solutions and services for you – saving you time and money while allowing you to focus on your core business and offering you peace of mind.

Backed by more than 160 years of experience, we understand your requirements down to the last detail; from critical infrastructure to corporate customers or intervention forces.

# You can be sure that you and your business are in safe hands with Siveillance

Siveillance stands for security expertise from Siemens. With a history that dates back more than 160 years, Siemens is known and respected throughout the world as an innovative and trustworthy leader in security technology, integration and development.

## ■ Siemens as your long-term partner

To optimize the productivity and profitability of your business we act as more than just a security supplier – now we form an operational element within the business, playing a significant role in helping you to achieve your targets. As you grow, we grow with you, evolving and adapting our solutions and services accordingly. This increases your business' efficiency, improves operational reliability and enhances business processes, allowing you to concentrate on your core business and increase the return on security investment.

## ■ Traditional values with a wealth of experience

Quality, reliability, responsibility and trust are just some of the values and principles that Siemens breathes throughout our business and solutions. By using the capabilities that exist within our globally operating organization, Siemens provides proven integrated security solutions and services. Responding to the trust our customers have placed in us, we heavily invest in research and development, constantly providing innovative solutions that enhance your safety and security.

## ■ Siveillance – security as a business enabler

Safeguarding access to your premises and information systems, preventing security breaches before they occur, coordinating incident responses between security operators and first responders or tracking and tracing commodity flows to assure supply chain integrity have become crucial prerequisites in the commercial world.

Our Siveillance portfolio reflects this need for security and also brings with it tremendous opportunities for enabling knowledge sharing, mobility and efficient communication processes.

## ■ Comprehensive services for the good of your business

Individually designed for each specific customer, our comprehensive service portfolio brings greater flexibility, productivity and profitability. From Alarm Management and Operational Services to Life Cycle Management and System Maintenance, we ensure that your business runs smoothly, without interruptions. In addition, we also offer individual finance packages to help fund your security solutions. Through our vast technology know-how, our services can make sure your business is run securely and effectively and your investments are protected.

## ■ Siemens is more than security

With so much innovation under the one Siveillance roof, our security solutions can interoperate seamlessly with our fire safety and building automation solutions to form a truly "intelligent" building. But that is not all. Siemens can also offer even more functionality through solutions that go far beyond building technology with power, IT, lighting, and automation, to name but a few. Being able to combine expertise from all of our sectors means we are in a position to tailor-make solutions catered to your needs – from a single supplier.

## Highlights

- 160 years of experience and technology leadership
- Long history of innovation – resulting from our research and development investments
- Siveillance offers intelligent and integrated security solutions from one partner
- Comprehensive service portfolio – protecting your security investment

An aerial photograph of a modern urban courtyard. In the center is a large, ornate column with a golden top, surrounded by a circular base where many people are sitting. The courtyard floor is paved with light-colored tiles in a geometric pattern. To the right is a large, multi-story building with a grid of windows and a glass-enclosed rooftop terrace. To the left is another building with a mix of brick and glass. In the foreground, a building with a green-tiled roof is visible. The overall scene is a busy, open public space in a city.

**How can security levels be maintained  
without limiting businesses?**



#### Airports

- Command and control solutions
- Wide-area surveillance
- Access control & identity management

#### Pharmaceuticals

- RFID tracking of assets
- Access control
- Intrusion detection
- Intelligent video surveillance

#### Public transportation

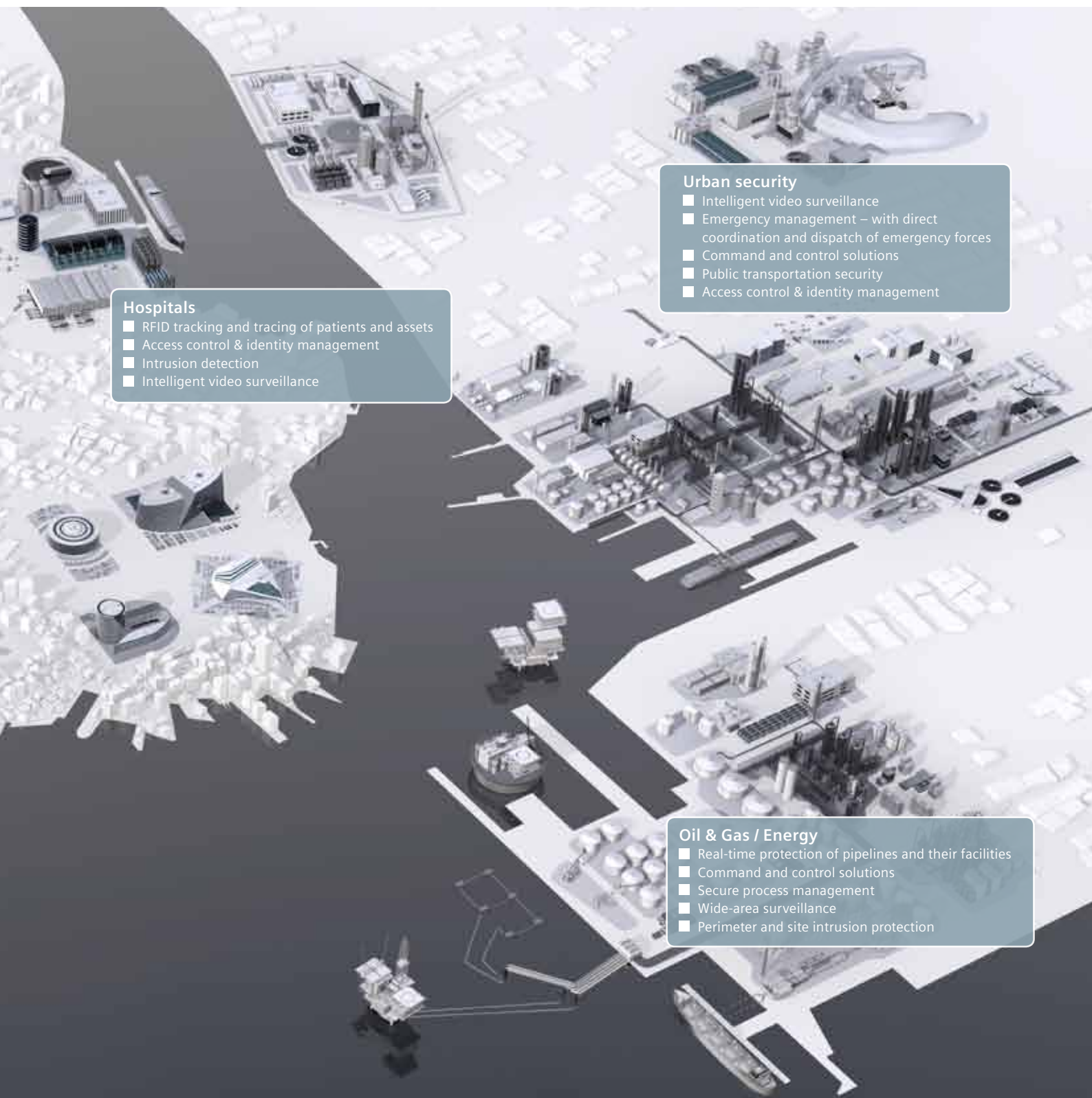
- Mobile video solutions
- Abandoned object detection
- Command and control solutions
- Automatic number plate recognition
- Intelligent video surveillance
- Tunnel solutions

#### Ports

- Supply chain process management
- X-ray screening & nuclear detection
- Command and control solutions
- Wide-area surveillance

#### Major events

- Command and control solutions
- Intelligent video
- Access control & identity management
- Intrusion detection



#### Hospitals

- RFID tracking and tracing of patients and assets
- Access control & identity management
- Intrusion detection
- Intelligent video surveillance

#### Urban security

- Intelligent video surveillance
- Emergency management – with direct coordination and dispatch of emergency forces
- Command and control solutions
- Public transportation security
- Access control & identity management

#### Oil & Gas / Energy

- Real-time protection of pipelines and their facilities
- Command and control solutions
- Secure process management
- Wide-area surveillance
- Perimeter and site intrusion protection

Whatever your market, you have  
peace of mind with Siveillance



24/7 situational awareness with intelligent video surveillance.



Accessibility meets security with intelligent access control.

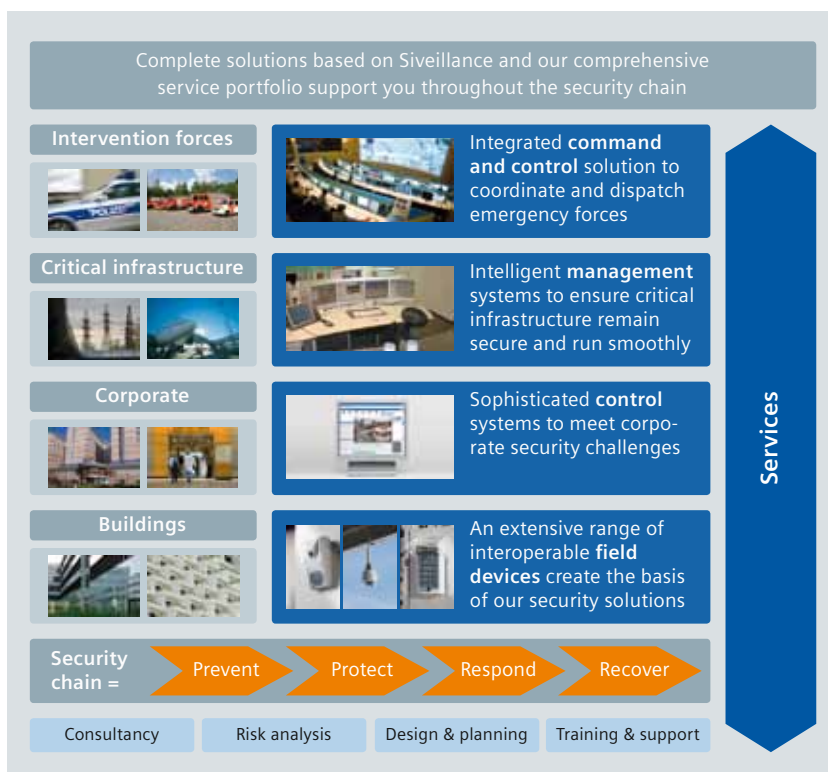
# Siveillance offers a user-friendly and interoperable portfolio

Our Siveillance portfolio offers flexible and inventive solutions tailored to your specific needs in order to give you peace of mind.

## ■ The security chain – always the right solution

Effective security means challenging dangers in stages. These stages form what we call the “security chain”. First, prevention is key. By identifying, tracking and dealing with any potential incidents before they occur, we can prevent a situation from escalating beyond control. However, if an event does occur, it must be quickly and precisely identified in order to protect the site. This in turn forms the basis for a fast and correct response. Finally, security also means limiting the impact of the incident and recovering quickly from it, ensuring business survival.

Our comprehensive suite of solutions and services across all levels and industries ensures that you are completely covered, from innovative command and control solutions right down to field devices. Combine this with our project management expertise and post-sale services then Siemens really is your trustworthy partner.





Wherever you are, you are protected with innovative intrusion detection solutions.

#### ■ Interoperability for all

Our interoperable Siveillance solutions combine access control, intrusion detection and intelligent video surveillance with fire safety and building automation systems, providing unparalleled functionality, quality and investment protection. Just imagine a fire is detected on a 5<sup>th</sup> floor: visual verification is provided by our cameras, heating and ventilation systems control air flow, while access control ensures escape routes are opened to divert people away from the fire – all monitored and controlled from one central system.

#### ■ Intelligent algorithms

We not only offer innovative system components, video cameras or intrusion detectors for example, but also intelligent video solutions that utilize intelligent algorithms and analytical technology that detect suspicious incidents before you do.

#### ■ Transforming traditional security

Our unique command and control and intelligent video technologies can be integrated to form the industry's most comprehensive security suite. It enhances situational awareness and provides a unique approach to streamlining processes for critical infrastructure, wide-area sites, public areas, buildings and public safety agencies.

#### ■ Protect security investments with services

Supporting our complete Siveillance security portfolio we have an extensive array of services that range from monitoring alarms and events, system upgrades, maintenance and migration, right up to outsourcing or financing your security service aspects. All of which increases your system's dependability, ensures you have the latest technology and ultimately protects your investments.

#### ■ Greener security

The Siveillance security portfolio not only conveys the feeling of safety but it also helps you to prevent carelessly caused pollution and environment. For example, it can help to avoid sabotage on environmentally-sensitive targets or environmental crime. In addition, this also has significant societal advantages as the critical infrastructure with particular public importance (e.g. drinking water facilities, nuclear power plants etc.) is protected, pollution is reduced and the location's attractiveness factor is increased, which encourages other businesses to the area.

### Highlights

- Protection and peace of mind throughout the security chain with the Siveillance portfolio
- Interoperability with other systems (fire safety, building automation etc.)
- Inventive and user-friendly technology from a single source
- Sophisticated command and control platform and intelligent video content analysis that provide complete situational awareness
- Extensive service offering to secure your security investments
- Protecting the environment with security solutions



Who can I trust with my business security?



Siemens – a proven, reliable and trustworthy security partner backed by decades of expertise

### Facts & figures

- In recent years, Siemens has implemented over 125,000 security projects.
- Siemens technology has been installed in 90% of the world's 300 largest airports.
- Innovative security and infrastructure solutions for industries reduce production time and costs.
- Modern infrastructure solutions for buildings increase the security, safety and comfort of the occupants.



# Reliable and proven expertise in specific industries worldwide

Industry-specific know-how, global experience and an understanding of our customers' business needs and processes are why people all over the world rely on Siveillance.

## ■ Tailored security for unique environments

When your application differs from a standard building, spans several kilometers into the sea and combines numerous third-party contributors, a truly unique security solution is needed to meet everyone's requirements. With our innovative Siveillance command and control platform, we are able to bring together various sub-systems that would otherwise normally run in isolation, like "islands". By bringing these "islands" together, the solution helps security operators and first responders to optimize business processes, and manage the complex coordination and communication requirements during crisis situations. Such a unique environment is the Palm Jumeirah Island in Dubai. The island holds a variety of luxurious buildings, hotels, restaurants and shops. With such exceptional luxury, there is also a great need for security. Our comprehensive solution, including access control, intelligent video surveillance and traffic monitoring provides the island with complete security, all monitored and controlled from a single point.

## ■ Lack of situational awareness on a large site

Today, airports translate into a maze of security challenges for decision-makers charged with ensuring public safety, business processes and protecting valuable assets. Securing critical areas such as baggage handling and security check areas as well as parked airplanes and the complete site without restricting passenger flow or business, is a difficult challenge. With dedicated solutions from the Siveillance portfolio (e.g. Siveillance Vantage and Siveillance SiteIQ), Siemens can provide complete situational awareness across large-scale site from one screen. Bodø airport in Norway for example, chose Siemens as their security partner to improve security of such critical areas within their airport. With a completely tailored security solution to suit their specific needs, they have heightened security while increasing the efficiency and operating reliability of their airport.

## Highlights

- One supplier for all of your security needs
- The Siveillance portfolio is flexible and user-friendly for your industry and requirements
- In-depth industry know-how with proven worldwide solutions that offer peace of mind
- Comprehensive portfolio of services to support your solution throughout its entire life cycle

### ■ Ensuring a critical infrastructure link remains open

Road tunnels are considered by many to be the nerve centers of most modern-day economies. With over 1,900 kilometers of road tunnels in Europe alone, new ways and innovative solutions have to be explored in order to control traffic flow, limit accidents and maintain safety. The Katschberg Tunnel in Austria is one of the shortest, and therefore, the most popular routes through the Alps when traveling between Northern and Southern Europe. When the Austrian highway operator opened the new section of the Katschberg Tunnel, they wanted the latest in security and safety technology to ensure a quick response to any incidents and the smooth running of the tunnel. Our innovative tunnel solution using Siveillance technology not only triggers various alarms in the control center using detection and traffic algorithms, but also automatically notifies intervention forces in the event of an emergency. The solution also offers further advantages: high-quality, flicker-free images help to reduce eye strain for the staff and as fewer monitors are needed, the staff's awareness and concentration are improved.

### ■ Protecting remote assets and ensuring business continuity

When businesses rely on unmanned assets in remote locations, radio-base stations for example, it can be an expensive and time consuming operation to ensure these assets remain safe and secure. With a combination of our know-how, expertise, integrated security solutions and service offering, it is possible to not only protect these assets remotely, but also improve your business processes, reduce operational costs and enhance your competitiveness. For Vodafone Greece, Siemens has taken over the monitoring and maintenance of the complete mobile network, antennas and shelters in Greece and Egypt. This has reduced Vodafone's® GSM network operation- and maintenance-related costs considerably. Our solution and service mindset in these types of projects allows us to be a pro-active solution provider offering "predictive consulting" growing with you while adapting and resolving any change in requirements.

## Our customers trust in Siemens

### Critical infrastructure



Bodø Airport, Norway



Katschberg Tunnel, Austria

### Corporate customers



Palm Jumeirah Island, Dubai



Vodafone, Greece

# Answers for infrastructure.

## ■ Megatrends driving the future

The megatrends – demographic change, urbanization, climate change and globalization – are shaping the world today. These have an unprecedented impact on our lives and on vital sectors of our economy.

## ■ Innovative technologies to answer the associated toughest questions

Throughout a 160-year history of proven research and engineering talent, with more than 50,000 active patents, Siemens has continuously provided its customers with innovations in the areas of healthcare, energy, industry and infrastructure – globally and locally.

## ■ Increase productivity and efficiency through complete building life cycle management

Building Technologies offers intelligent integrated solutions for industry, commercial and residential buildings and public infrastructure. Over the entire facility's life cycle, our comprehensive and environmentally conscious portfolio of products, systems, solutions and services for low voltage power distribution and electrical installation technology, building automation, fire safety and security, ensures the:

- optimum comfort and highest energy efficiency in buildings,
- safety and security for people, processes and assets,
- increased business productivity.



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The information in this document contains general descriptions of technical options available, which do not always have 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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