



NEOX

NEXT GENERATION OFFICE EXPERIENCE

2024, Budapest



Our mission



NEXT GENERATION OFFICE EXPERIENCE

Create the BEST place for people to having the next generation innovative office working experience.

Being inspired and supported to be more efficient and productive.

Create buildings and offices which provide collaborative work in an energy efficient, paperless and sustainable environment with 'state of the art' technology on stable and adaptive fundamentals.

What is the problem for which provide a solution or choice?

Technology fundamentals determine everything a user cares about in real estate - from air quality to cybersecurity.

The real estate community has not a clear industry definition of 'smart'.

There are many 'smart' buildings out there leaving occupiers confused as to what they are actually getting from their investment in a smart office.

What can differentiate new or re-built office building or working environment in the wide range of supply market.

What are occupiers looking for in an office after the pandemic?

58%

internet connectivity

48%

air quality

39%

office equipment

30%

being around colleagues

What technology would most improve an employees in-office experience?

26%

personalized heating / lighting

24%

in-room temperature control

24%

air quality dashboard

79%

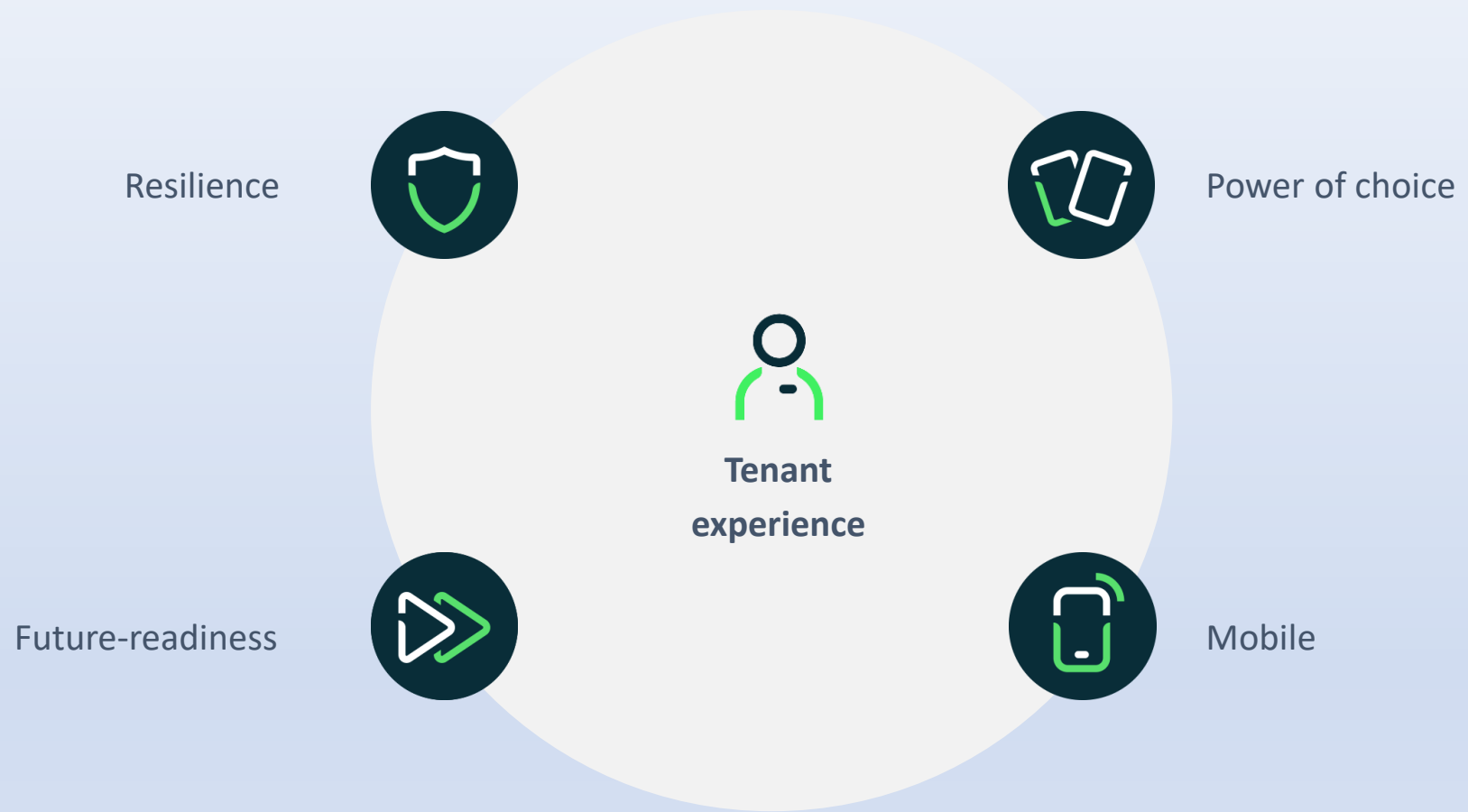
technologically advanced and up to date office

88%

increase technology investments to balance prevalence of home working.

What matters to tenants?

Occupiers are now prepared to pay a rental premium of over 20% for tech-enabled smart buildings





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SERVICES

How can we help you?



We can support you as a **developer or landlord** in definition of what users are really need and feel as an extra benefits in the working environment.

We can help **landlords** understand, improve and communicate the user functionality and technological foundations of their buildings.

We can help **FM operation team** to guide how to operate and maintain the building more effective and optimized way.

We can help **you** to understand what smart building means and what extra benefits delivers to **tenants or landlords** to differentiate own building or office.

Our "Smart Building" definition



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PEOPLE CENTRIC SMART BUILDING DESIGN

- Starts with People's journeys
- Improve efficiency of people
- Maintain wellbeing of people
- Focuses of design/UX/enjoyment
- Constantly changing environment, focuses on individual rather than spaces, rooms, facilities



FACILITY CENTRIC SMART BUILDING DESIGN

- Reduce the energy consumption and carbon footprint of the building.
- Maintain infrastructure.
- Comply with regulations.
- Reduce operating costs.
- Reduce the need for inspection.
- Reduce errors and failures.
- Improve building safety
- Usually stable environment and less tolerated with changes

A Smart Building is a building that *interacts with its people* by providing them with a friendly and intuitive user experience that makes them feel safe, make smart choices, work collaboratively and being innovative

- Extend the experience both at work and at home.
- Helps people to be comfortable, healthy, efficient and live a stress-free life.
- Optimizes the use of resources such as space, energy, operations and manpower.
- It is a learning system (ML<AI), providing great insight about usage and predict maintenance, energy usage and usage behavior

NEOX Services support you in your journey



Consultancy

Our Service can bridge the gap between traditional building management practices and the latest in smart building technologies, ensuring that investments in smart technologies deliver maximum value in terms of sustainability, efficiency, productivity, and security.

Program management

Smart Building Program/Project Management plays a crucial role in the successful implementation of smart technologies within buildings, ensuring that the integration of these systems delivers tangible benefits. Our service facilitate the strategic integration of technology into building projects, focusing on achieving high standards of sustainability, efficiency, productivity, and cybersecurity

System Integration

As an Integrator specializes in combining various Smart systems and services within a building to create a cohesive, intelligent environment. This integration enhances the functionality, efficiency, and comfort of the building, making it truly "smart."

- System Design and Integration
- IoT Devices and Sensor Implementation
- Software and Platform Development
- User Interface and Experience Design
- Security and Access Control Systems
- Energy Management
- Data Collection
- AI based rep

Certification

We can aid clients to achieve various certifications plays a crucial role in demonstrating a building's adherence to industry standards. Through strategic guidance, management of the certification process, and implementation of best practices, such companies help clients demonstrate their commitment to sustainability and well being.



Values that NEOX create



Sustainability

Conducting detailed analyses to identify areas where energy and resources can be reduced using Smart Solutions.

Helping clients develop long-term sustainability goals and actionable plans, including the selection of renewable energy sources, materials, and waste management systems.

Assisting with sustainability reporting based on possible data points and ensuring compliance with local and international environmental regulations.



Efficiency

Advising on the implementation of smart building technologies to optimize building operations, reducing energy costs and improving overall efficiency. Create scenarios how to use data analytics and AI to provide insights into energy and operational efficiency, identifying patterns and areas for improvement.

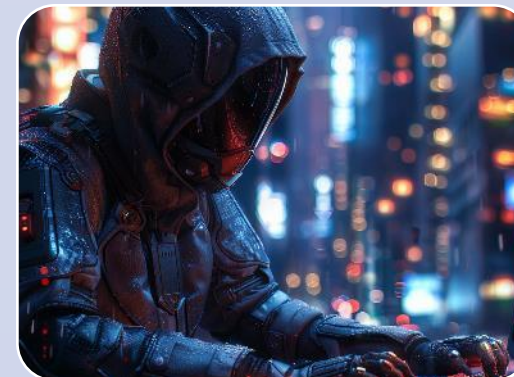
Offering strategies for the entire lifecycle of building assets to ensure they are maintained efficiently and replaced in a cost-effective manner.



Productivity

Advising on the use of smart technologies to create adaptive workspaces that improve occupant comfort and productivity. Recommending integrated technology solutions that enhance communication and collaboration among building occupants.

Providing strategies for leveraging smart building technologies to enhance the user experience, making buildings more intuitive and responsive to occupant needs.



Cyber Security

Conducting cybersecurity risk assessments specifically for smart building systems and infrastructure.

Advising on cybersecurity policies, best practices, and compliance with standards such as ISO/IEC 27001 and NIST 800 SF.

Offering training programs for building managers and staff on cybersecurity best practices and awareness, ensuring they understand the potential cyber security risks and how to mitigate them.



NEOX

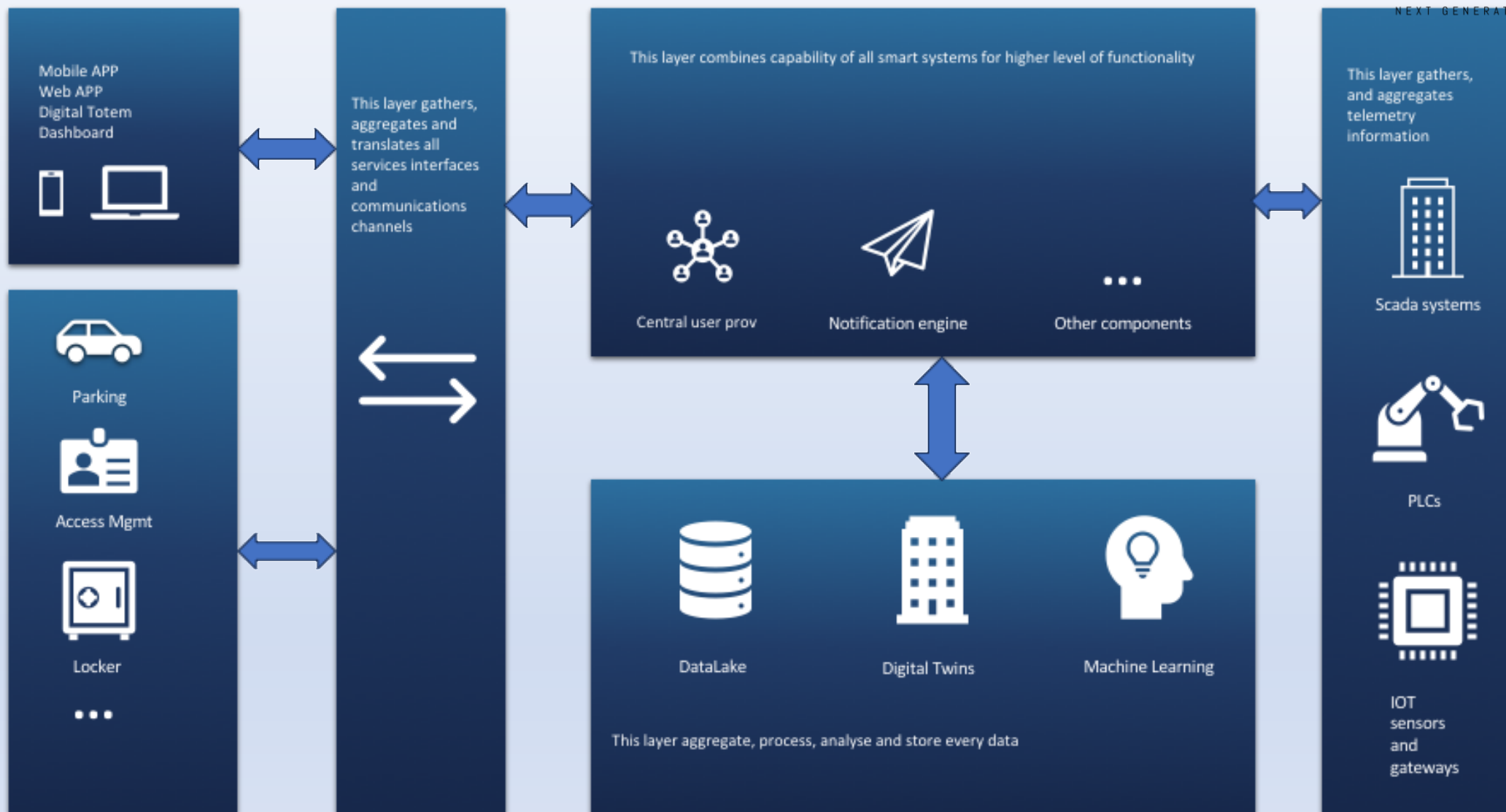
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PLATFORM

Customizable integrated NEOX Platform



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+ POWER OF AI

- NEOX Platform capable to collect all Smart Building Events
- Artificial Intelligence based Operational Dashboard
- Machine Learning for predictive maintenance
- Intelligent Chatbot for Employee Experience



What are the benefits of your investment?



Cost less to run.

People use technology because it's useful, not because it's there, meaning un or under-used technology is wasted investment and energy.

Delivers inspirational occupier experience

Will not become obsolete, efficiently used, and is ready to be adapted to future needs.

What can differentiate new or re-built office building or working environment in the wide range of supply market.

CALL US WE,
WILL HELP
YOU!





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BACKUP

NEOX Portfolio in details



Consultancy

Project Management

System Integration

Certification

Our Service can bridge the gap between traditional building management practices and the latest in smart building technologies, ensuring that investments in smart technologies deliver maximum value in terms of sustainability, efficiency, productivity, and security.

Smart Building Project Management plays a crucial role in the successful implementation of smart technologies within buildings, ensuring that the integration of these systems delivers tangible benefits. Our service facilitates the strategic integration of technology into building projects, focusing on achieving high standards of sustainability, efficiency, productivity, and cybersecurity

As a System Integrator we specialize in combining various subsystems into a cohesive, functioning whole, ensuring that all aspects of a building's operations are seamlessly integrated and optimized smart platform We can and ensure that the deployment and integration of smart technologies are done in a way that maximizes values. Our expertise in understanding complex systems and technologies enables them to design and implement smart solutions that address the specific needs and challenges of modern buildings.

We can aid clients to achieve various certifications plays a crucial role in demonstrating a building's adherence to industry standards. Through strategic guidance, management of the certification process, and implementation of best practices, such companies help clients demonstrate their commitment to sustainability and well being.

Sustainability

- Conducting detailed analyses to identify areas where energy and resources can be reduced using Smart Solutions
- Helping clients develop long-term sustainability goals and actionable plans, including the selection of renewable energy sources, materials, and waste management systems.
- Assisting with sustainability reporting based on possible data points and ensuring compliance with local and international environmental regulations.

- Ensuring that sustainability goals are integral to the project from the outset, including the selection of energy-efficient systems, materials, and construction practices that minimize environmental impact.
- Vendor and Technology Selection. Assisting in choosing the right technologies and vendors that align with sustainability objectives, such as energy-efficient HVAC systems, LED lighting, and renewable energy sources.

Leveraging analytics and data from integrated systems to drive sustainability initiatives, such as optimizing energy use and reducing waste, supporting a building's environmental objectives.

Implementing software to monitor and manage the use of water, electricity, and other resources, ensuring efficient use and supporting conservation efforts.
Reporting and Compliance: Providing tools for accurate reporting on sustainability metrics, facilitating compliance with environmental standards and regulations.

- Guiding the project to meet standards and certifications for sustainability, such as LEED, WELL, BREEAM, WIRESCORE, or SMART BUILDING CONNECT including documentation, application, and compliance verification.
- Assisting buildings in achieving and maintaining green certifications such as LEED, WELL, BREEAM, WIRESCORE, or SMART BUILDING CONNECT by ensuring that integrated systems contribute positively to sustainability goals.

Efficiency

Advising on the implementation of smart building technologies to optimize building operations, reducing energy costs and improving overall efficiency.
Create scenarios how to use data analytics and AI to provide insights into energy and operational efficiency, identifying patterns and areas for improvement.
Lifecycle Management: Offering strategies for the entire lifecycle of building assets to ensure they are maintained efficiently and replaced in a cost-effective manner.

Overseeing the design and integration of smart building systems (e.g., Building automation, access management, locker, parking, BMS, etc.) to ensure they operate at peak efficiency, leveraging automation and smart controls to monitor and control energy use dynamically, identifying savings opportunities and reducing operational costs.
Streamlining construction and operational processes for efficiency, minimizing waste and reducing project timelines.

Employing software tools that utilize AI and machine learning for predictive maintenance, thereby reducing downtime and extending the lifespan of critical equipment.

Utilizing software to analyze and optimize the use of space within the building, enhancing the efficiency of space utilization and potentially reducing the need for physical expansion.

Implementing software solutions for real-time energy monitoring and management, allowing for dynamic adjustments to optimize energy use and cost savings.

Helping buildings obtain certifications that recognize energy efficiency by implementing necessary efficiency measures and managing the certification process.

Identifying and recommending improvements in building operations to enhance energy and water efficiency, reduce costs, and support certification goals.

Implementing systems for continuous monitoring of energy use, verifying the efficiency improvements and ensuring they align with certification requirements.

Productivity

Advising on the use of smart technologies to create adaptive workspaces that improve occupant comfort and productivity. Recommending integrated technology solutions that enhance communication and collaboration among building occupants.

Providing strategies for leveraging smart building technologies to enhance the user experience, making buildings more intuitive and responsive to occupant needs.

Managing projects with a focus on the end-user, ensuring that smart building features enhance occupant comfort, health, and productivity. Integrating smart technologies that support flexible workspaces, collaboration, and communication, directly impacting productivity.
Overseeing the training of building occupants and management staff on how to utilize smart building features effectively, maximizing their benefits.

Providing software solutions that allow building occupants to customize their environment (light, temperature, etc.) to suit personal preferences, thereby enhancing comfort and productivity. Offering mobile applications and user interfaces that enable occupants to interact with building systems and services conveniently, improving the overall user experience and productivity.

Integrating software that facilitates communication and collaboration among building occupants, such as booking meeting rooms, sharing resources, and more, enhancing operational productivity. Automating routine tasks and workflows through software, freeing up human resources for more strategic activities and increasing overall productivity.

Advising on improvements to air quality, lighting, thermal comfort, and acoustics to enhance occupant comfort and productivity, which are often criteria for certifications like LEED, BREEAM and WELL .

Offering recommendations on workspace design that promotes productivity and well-being, supporting certifications that recognize healthy and productive work environments. Guiding the integration of smart technologies that improve facility management and occupant experience, contributing to certifications that evaluate building innovation and productivity enhancements.

Implementing systems for occupant feedback on building conditions, which can inform improvements and support certification criteria focused on occupant satisfaction and productivity.

Cyber Security

Conducting cybersecurity risk assessments specifically for smart building systems and infrastructure.
Advising on cybersecurity policies, best practices, and compliance with standards such as ISO/IEC 27001 and NIST 800 SF

Offering training programs for building managers and staff on cybersecurity best practices and awareness, ensuring they understand the potential cyber security risks and how to mitigate them.

Incorporating cybersecurity considerations from the earliest stages of project design, ensuring that all smart systems are secure from potential threats.
Ensuring that all vendors and technology providers meet strict cybersecurity standards before their products or services are integrated into the building.

Implementing comprehensive cybersecurity frameworks and protocols to protect data privacy and secure the building's technology infrastructure against cyber threats.

Ensuring that all integrated systems and devices are secured against cyber threats, incorporating strong encryption, secure authentication methods, and regular security updates.

Designing building networks in a way that separates critical operational systems from general user networks, limiting the potential for cyberattacks to spread. Keeping systems in compliance with relevant cybersecurity standards and regulations, and implementing industry best practices to protect against evolving cyber threats.

Assisting in the implementation of cybersecurity frameworks and best practices to protect building data and operations, essential for certifications that include cybersecurity standards such as NIS2

Conducting risk assessments to identify and mitigate cybersecurity risks, a critical step for achieving certifications that require a high standard of data protection and security.

Ensuring that building operations comply with relevant cybersecurity regulations and standards, aiding in the acquisition of certifications that demonstrate compliance with these laws.

Master integrator partnership

- Digital Badge Solution for Apple > HID Technology Partnership
- Apple Enterprise Solution Partner
- bGrid System Integration
- Vecos Integration and Resale Partner
- Microsoft Smart Building Solution Partner
- IBM Tririga Solution Integration



Digital badge integrator

bGrid



Smart system integrator



Smart platform integrator

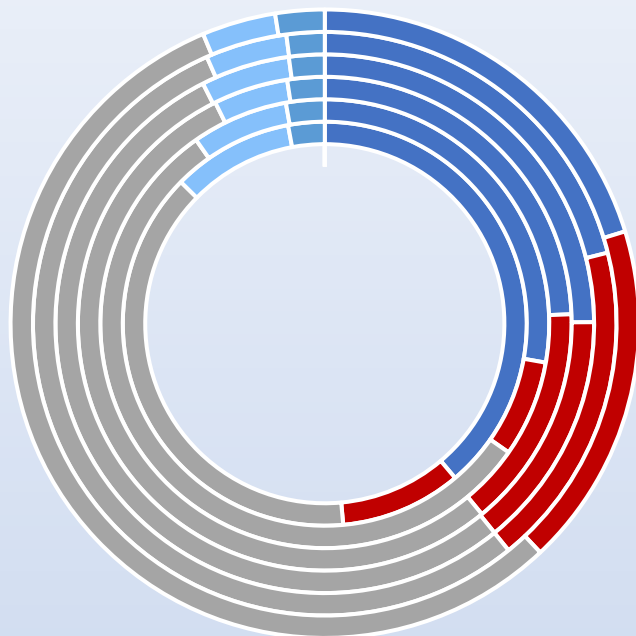
IBM TRIRIGA

FM Solution Integrator

NEOX service offering



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- Digital Badge
- Smart Building App
- Smart Building Platform/Integration
- Project Consultancy
- FM Operation Consultancy

- Integrated NEOX Unified modular Smart Building, Data Platform with API connected and OT subsystems and smart solutions
- Capable providing digital badge solution using HID & Apple Wallet platform
- Market knowledge & vendor evaluation, vendor map for assets, system, smart furniture, interior and smart building ecosystems
- Complex cross functional project consultancy from the building and system design to the implementation
- Building management and OT system related consultancy with IT & IoT perspective
- White label Multiplatform application with the modularity of required service functions
- Facility and workplace management consultancy with the knowledge from the design to the hands-on operation including project management