# COMPANY PROFILE



TECHNOLOGY.
INNOVATION.
SUSTAINABILITY.



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# WHO WE ARE

Netix.Al is an IoT & Al based automation solution provider, leverages its innovative strategies, analytic algorithms and brand agnostic solutions to transform your facilities into safe and sustainable edifices.

NETIX.AI is the pioneer in digital transformation of Assets, Space and Energy management and specialist for Smart Cities, Smart Districts, Smart buildings, & Smart infrastructure.

Headquartered in the Netherland and with offices worldwide, NETIX.AI is instrumental in providing turnkey solutions for specialized solutions and connected buildings The company has a diverse and vast portfolio of products and services based on technologies, such as Automation, AI, IoT, life safety and more. We create seamlessly connected technologies that reshape industries, transform cities and enrich lives.

Our connected devices and software enable better, faster, and more reliable management of spaces, reducing energy consumption and costs up to 25% and ensuring that you control up to 80% of the building's energy consumption. We focus on using technology to provide solutions for our customers which has kept us updated with the technological demands and create synergies that shape the digital transformation.

Armed with immense market knowledge of OT/IT sectors and skill in design and built solutions, we would be happy to assist with any opportunities that can transform your environment into a smart and sustainable one.

#### **NETIX.AI** Netherlands

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#### About Us

NETIX.Al is leading the digital transformation of energy management and automation in homes, buildings, data centers, infrastructure development and various industries. We create seamlessly connected technologies that reshape industries, transform cities and enrich lives. Our connected devices and software enable better, faster, and more reliable management of buildings, reducing energy consumption and costs up to 25% and ensuring that you control up to 80% of the building's energy consumption.

We are led by local talent and management expertise within the markets we serve, supported by continuous development and training, so that we can be closer to the technological demands of our customers. We are the benchmark in multiple markets and we are leading the change in energy management and automation developments.



Our goal is to enable our customers to operate a connected network of devices with centralised monitoring and control, data analytics and intelligence, through the combination of hardware, software and services.



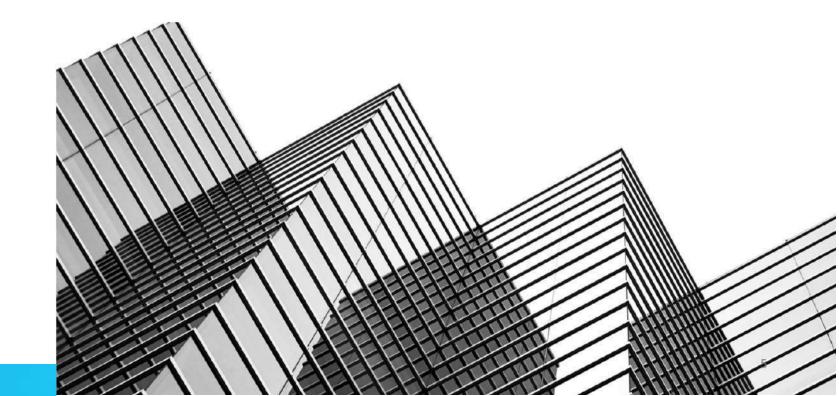
Our mission is to provide the smartest and most efficient solution to building automation and facility management through remote connectivity, seamless integration and future–ready technology.

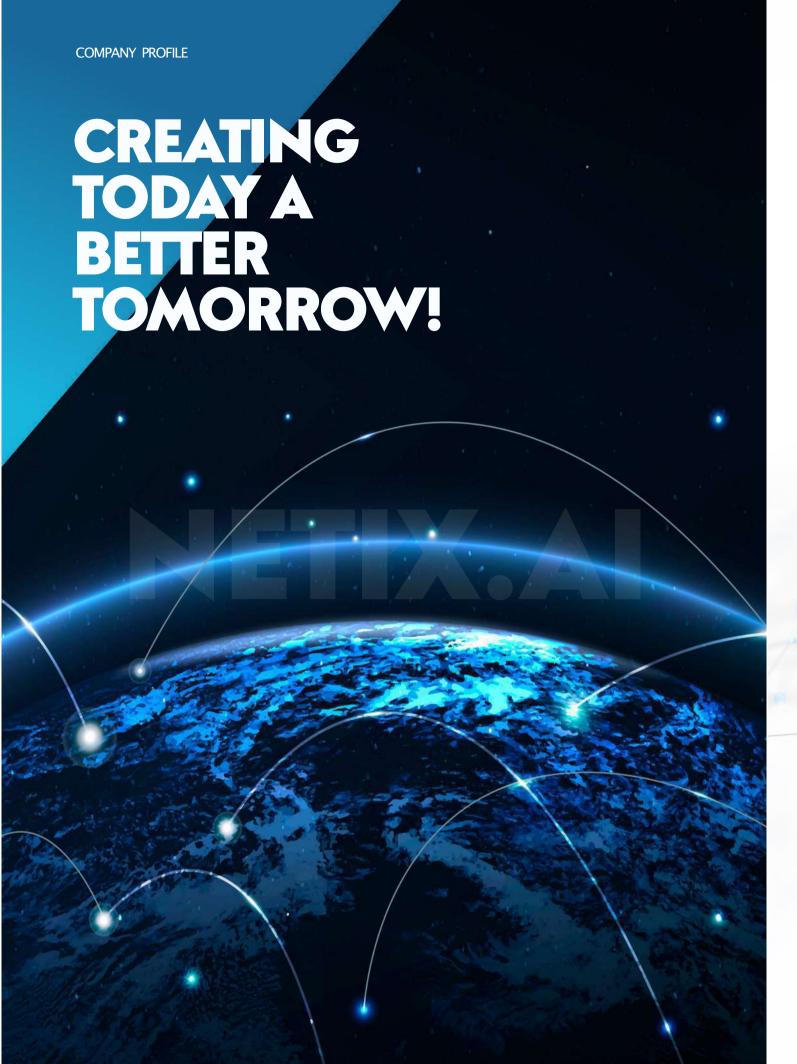


NETIX.AI is committed to providing bespoke and world-class energy control solutions for residential, commercial, industrial and infrastructure development applications. With a choice of easy-to-operate technologies, NETIX.AI delivers a suite of integrated products that offer the highest levels of functionality.



**NETIX.AI** makes these possibilities a reality by creating network of powerful yet intuitively simple products, empower which people. businesses and cities, both now and into the future. The goal is to create a world which is connected and powered by the internet of Things: a place where more innovation and data are generated by the people then ever before.





INNOVATION AND SUSTAINABILITY

### **OUR SOLUTIONS**



- IoT and AI Solutions for Buildings & Factories
- **NETIX.AI** Cube
  - Facilities AI
  - Energy Al
  - Sustainability AI
  - CAFM AI

- > Intelligent Integrated Command Control Center
  - Asset Management
  - Energy Management
  - Property Management & ESG Reporting
  - Facility Management
- **Leading the BMS Transformation Legacy System Upgrades**
- **Smart Cities Connected Buildings & Remote Management**
- iIBMS Intelligent Integrated Building Management System
- **NETIX.AI Sustainability Financed Solutions** 
  - **Smart Hardware solutions:** Smart Thermostats & IAQ Sensors

    - Smart Meters
    - Gateways
    - iIBMS Controllers



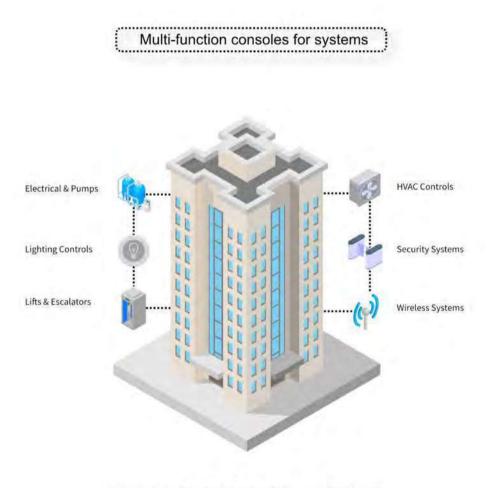
# **OUR GLOBAL PRESENCE**

**DELIVERING SOLUTIONS ACROSS THE WORLD** 



### Solutions

We are determined to be the platform which makes integrated automation technology work better, more efficiently and smarter, and we do so by providing solutions that focus on making the lives of building occupants easier, better and safer. We help you make insightful operational decisions through real-time data gathering, trend analysis and forecasting along with lowering operating costs and reducing downtime while improving productivity.

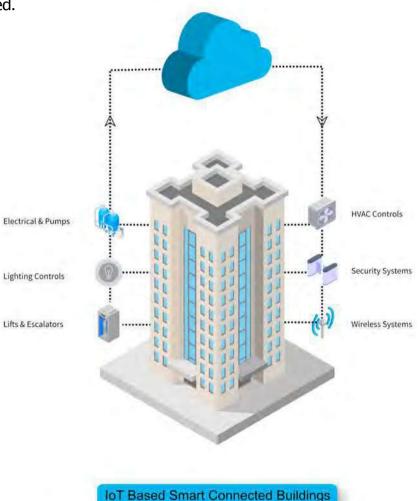


Integrated Building Management Systems

NETIX.AI solutions are in line with the evolving smart city concept, globally. With the help of IoT, we can improve energy distribution, integrate and streamline trash collection, reduce traffic congestion, improve air quality and aid security monitoring, to name a few.

## Connected Buildings

NETIX.Al leverages the latest technological advances in IoT, Al and deep learning algorithms, in order to provide smart, connected building solutions. NETIX.Al embodies an aggregation of concept, design and implementation of building automation services, resulting in an intelligent and integrated building management solution platform that transforms buildings into high-performing assets. With seamless integration of data, gathered by IoT, the underlying infrastructure layer of buildings and cities can be easily managed and efficiently optimized.



ilCCC

ilCCC is an integrated system which operates and manages multiple buildings/city-wide service operations and it includes real-time monitoring, optimizing and improving the efficiency of services. It transcends the expectations of a building's capability by enabling entities to connect, monitor and administer multiple utilities through a cloud-based service.

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For many organizations, irrespective of their size, energy consumption is one of the highest costs among operational overheads. Metering energy use becomes critical to optimizing operational costs. A smart meter is an intelligent, digital device which measures the exact energy usage in near real-time, enabling users to actively manage and reduce their energy consumption. They measure water and energy use and send an automatic meter reading to the energy provider, ensuring that customers receive accurate bills.

#### "Accurate readings mean accurate billing"





Tenant Billing Solution
Integrated Billing Module

Uniview Integrated Billing Module is a user-friendly application with intuitive and flexible features which enables users to easily monitor tenant utility usage and generate invoices. The application serves as both a monitoring and an invoice generating tool, allowing invoices to be manually or automatically generated for a variety of utility usage patterns.



A NETIX.Al smart city represents the digitalization of establishments, connectivity, infrastructure, facilities and other elements that make up a habitat. It is also the groundwork for an upgraded sustainable solution towards achieving a prosperous, inclusive, cost-effective, efficient and healthier city. Netix.ai is equipped to curate and support this future at every step of the process. From conceptualization and designing to execution and detailed actionable insights –we do it all.



# Managed Services

Managed services refer to the outsourcing of in-housefunctions to third-party service providers. At the most basic level, a managed service provider (MSP) monitors and maintains customer assets on a regular basis. The ever-changing business environment and the increase in regulatory requirements have made it critical for building owners and facility managers to choose a team of experts who can successfully manage building systems.

### Open Framework

Niagara Framework leads the world in the business application advances of truly open environments which harness the power of the internet. NETIX.Al brings to you an open Application Programming Interface, featuring a versatile rich supervisory software, built on the Niagara Framework.

Unview Supra, the NETIX.Al solution features a truly open environment, connecting diverse devices and systems in ways never possible before. Uniview Supra enables the end user to connect devices while visualizing and analyzing data from any protocol or platform.

### The Software Platform

NETIX.AI Software platform delivers sophisticated yet simple and scalable integration using the latest technology and cloud based approach in order to make the operations more efficient and the facilities more secure.

#### Superior User Experience

It is all about service levels and ease of use. NETIX.Al brings you the full benefits of flexible integration, superior user experience and IoT driven services.

#### Integrated Systems

14

The NETIX.AI Software Platform integrates all technical systems in the building, in order to create a unified view for all users. Supporting most of the commonly used protocols, NETIX.AI brings together BMS, GRMS security and all other building systems.

NETIX.AI Uniview Supra goes beyond the limits of a legacy system, creating open protocols which make systems integration a seamless operation.

#### Key Features of Uniview Supra-Supervisory Software:

- Modern UX framework and design language (HTML5)
- Customizable dashboards
- Advanced charting and visualization
- Data tagging
- Tag based navigation
- Device templating
- Data cleaning capabilities
- Niagara Station Search
- Workbench/workflow improvements
- Role based access control
- Pluggable authentical schemes
- Improved UI developer experience
- Station templating

#### Key Features of Uniview Neo-Integration Controller:

- Powerful Niagara4 hardware platform with easy software upgrading capabilities
- Modular hardware design
- Tool-less installation, fast and easy
- Expandable, with up to four modules option
- Wi–Fi capability
- 24VAC/DC standard global power supply
- Standard open drivers included
- Easy to select the right capacity license
- Intuitive user interface
- Rich choice of colors, material and finishes





# Energy Management Platform -intelligent Integrated Command and Control Center (iICCC)

Integrated Intelligent Building Management Systems (iIBMS are software-based platforms that monitor and control a building's mechanical and electrical equipment, increase a buildings efficiency and cut energy usage. This allows building managers to respond quickly as energy demand changes.

The majority of BMS systems significantly under-perform and this results in a massive waste of energy, increased costs and uncomfortable environments for building users. A properly functioning BMS should deliver energy efficiency savings in the order of 15–30%yet studies show that most of them are wasting 15–50%. Improving the operation of your building management system is probably the single most cost-effective energy efficiency measure you can take.

Live data management helps in managing the building efficiently. What NETIX.Al is offering is much more than, just remote datamanagement. We take energy management to a whole different level and make it work in your favor. By assigning values, actionable intelligence, IoT and Al capabilities, we enable you to drive both energy and cost savings, take actions in real-time and adapt measures and control on every user level.

# Energy efficiency isn't the alternative, it's the main choice!



By using NETIX.AI iIBMS you have access to our Energy Management Platform which which reports and monitors energy systems usage in your facilities, saving you money on energy costs, intercept equipment failure and reduce downtime by 6%.

Our Platform offers solutions which include: real-time energy usage monitoring, energy data analytics, HVAC systems control, carbon and sustainability reporting. We offer you a unique software which contains tools that alter energy usage in order to promote more efficient consumption and reduce carbon emissions.

NETIX.Al's iIBMS provides valuable data and reporting to better control heating, cooling, ventilating and illuminating. Our system utilizes software that integrates with controllers and monitors the energy used to illuminate, heat, cool and ventilate your building, ultimately resulting in more efficient planning of energy use over time and reduced costs.



# Energy Management Platform -intelligent Integrated Commandand Control Center (iICCC)

Benefits of using NETIX.AI iIBMS:

Energy cost saving up to 28%.

Our iIBMS uses powerful diagnostic tools and energy information which can be used to limit and measure energy wastage.

Control your building's energy consumption up to 84%

You can now control as much as 84% of your building's energy consumption.

Not only are you increasing your bottom line, you are contributing towards meeting carbon targets as well. NETIX.Al's ilBMS monitors usage patterns and demand so you use less energy during high peak periods. This monitoring and control process not only protects the planet but it also reduces cost significantly and it improves well-beingand productivity.

ilBMS adapts energy usage to your organization's needs.

The building management system receives and communicates different levels of alarm conditions, allowing you to quickly track and respond. This results in lower building operating costs and occupancy comfort which lead to improved employee productivity and well-beingwhile you capitalize on brand enhancement.



We enable you to promote a circular economy.

Acircular economy is an alternative to traditional linear economy, based on "make–use–dispose" in which we keep resources in use for as long as possible, extract the maximumvalue from them whilst in use, then recover and regenerate products and materials at the end of each service life. By using NETIX.AI iIBMS you prolong the life expectancy of your HVAC equipment by constantly monitoring and maintaining parameters and settings which allow pumps to rest when possible. Moreover, should you require changes in your BMS, we can re–usethe existing products, where possible, reducing waste to landfill.

Automation saves you time

You may want your BMS to do more than just control HVAC equipment. Here is where NETIX.AI comes in, integrating third party systems or products, window/lighting controls, fire or access controls. This saves you time and money.

Meeting Social and Corporate Responsibility Targets

We provide you with reports and visuals on how energy usage and carbon emissions are being reduced, helping you meet legislative, social and corporate responsibility requirements.





### Deliverables



### **Energy Report**

Automated energy audit and insights, simplifying energy reporting, reducing expenses & measuring performance



### Root Cause Analytics

Automated root cause analysis of problems in order to identify appropriate solutions



#### Visualization

Custom business intelligence tool, making data accessible & generating custom reports.





### NETIX.AI Partner Program

## A revolutionary solution to building automation

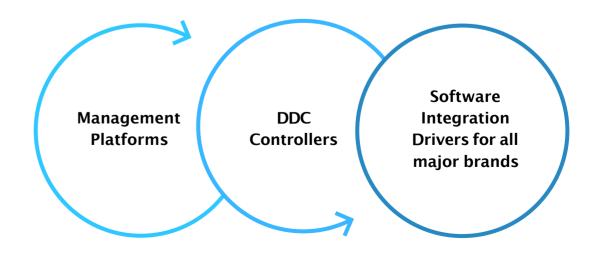
NETIX.AI is leading the digital transformation of energy management and automation in homes, buildings, data centers, infrastructure development and various industries. We create seamlessly connected technologies that reshape industries, transform cities and enrich lives.

We, at NETIX.AI, always strive to be one step ahead, and making your lives better and easier is at the core of everything we do. For this reason, we have created the NETIX.AI Partner Program, aimed to organize the unorganized market!

**NETIX.AI Partner Program is** an innovative and futuristic solution, meant to drive the Brownfield Revolution with unique, open protocol solutions which can integrate multi-vendor subsystems, enable real-time monitoring, conduct preventive maintenance, and create an open-protocol ecosystem in buildings, in order to ensure utmost adherence to sustainability targets.

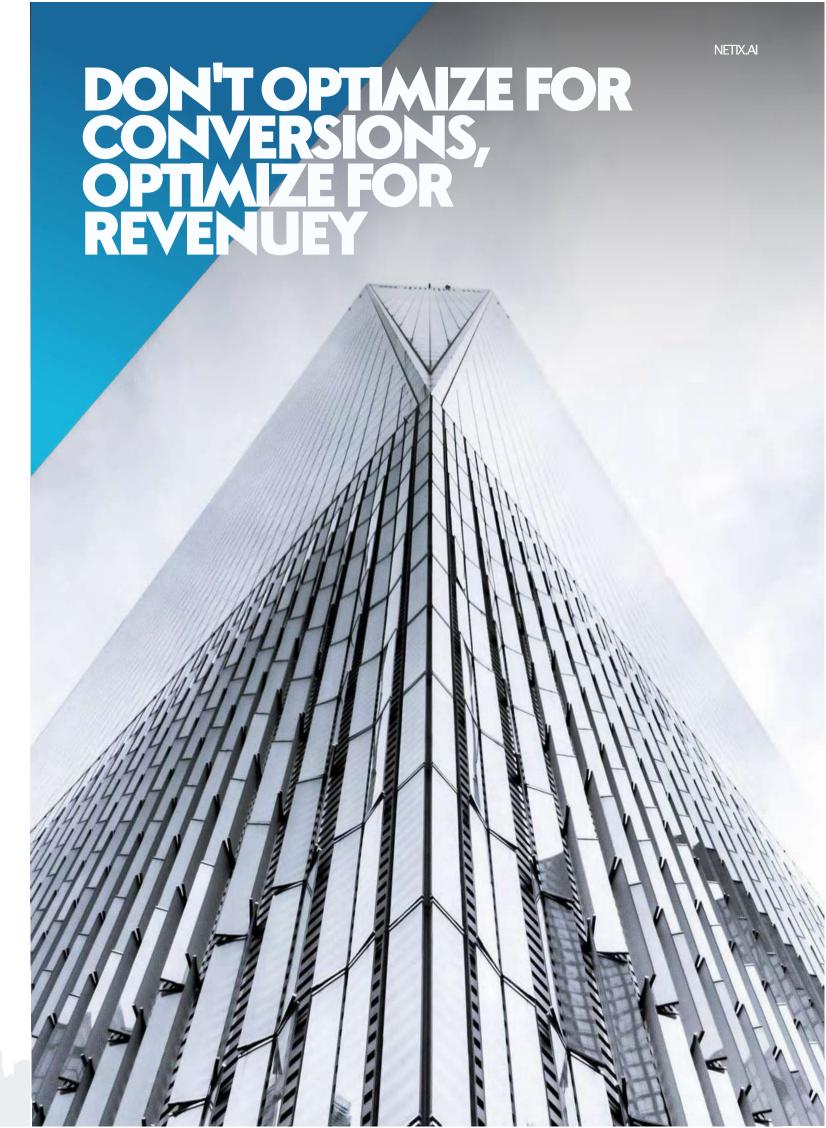
As an OEM provider and solutions enabler, our route to market has always been through certified partners. The partnership model for NETIX.AI Program entails an extremely focused and dedicated strategy, tailored for your needs and catered to your unique portfolio.

We cover, in-house, the three main verticals which you require, qualifying us as a one-stop solutions provider:



### Revenue Streams





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#### Latest Niagara 4 Framework®

The licensing model for the NCUNIVIEW-NEO controller is simplified and features standard drivers along with optional IO and field bus expansion modules for ultimate flexibility and expandability.







IoT controllers

Thermostats

Meters



#### **Product Description**

The NX3 IoT Controller and Gateway was created with smart buildings in mind. The built-in LTE Cat M1/NB1modem, with a high-power chipset, ensures better indoor coverage compared to traditional 2G/3G/4G modems and allows to connect devices located deep inside buildings. It supports wired Modbus/M-bus electricity, gas, water or calorie meters and wireless sensors like LoRa, Wirepas, Zigbee, etc., which need to send data to a Cloud platform.

With the NX3 IoT Controller and Gateway it is easy to create the required data flow or to perform edge processing on the data, before it is sent to the Cloud. Data reduction, through edge processing, is vital in case of low bandwidth protocols such as CAT–M or NB–IoT, in order to improve performance and reduce connectivity cost. It also supports BACnet, KNX, SNMP, MQTT, SMS, and email.

### Suite of Applications



#### Building Performance Management

- Generating meaningful insights
- Optimizing energy use
- District level KPI monitoring and reporting
- Statistical energy savings analysis considering weather and occupational patterns
- Data-driven automation and control strategy



# Remote Enterprise BMS

- Configurable centralized platform for BMS
- Extensive integration capability, seamlessly connecting any system irrespective of the type, make or protocol
- Interactive and real-timed data representations



# Fault Diagnostics & Analytics

- Centralized systems can preempt anomalies to ensure smooth facility management operations
- Remote access to insights from Al powered analytics
- Improved life cycle and efficiency of assets



# Facility & Property Management

- Streamline CAFM suite
- Work force optimization and management
- Executive dashboards
- Automate and configure operational process from tenant billing, parking management and many more



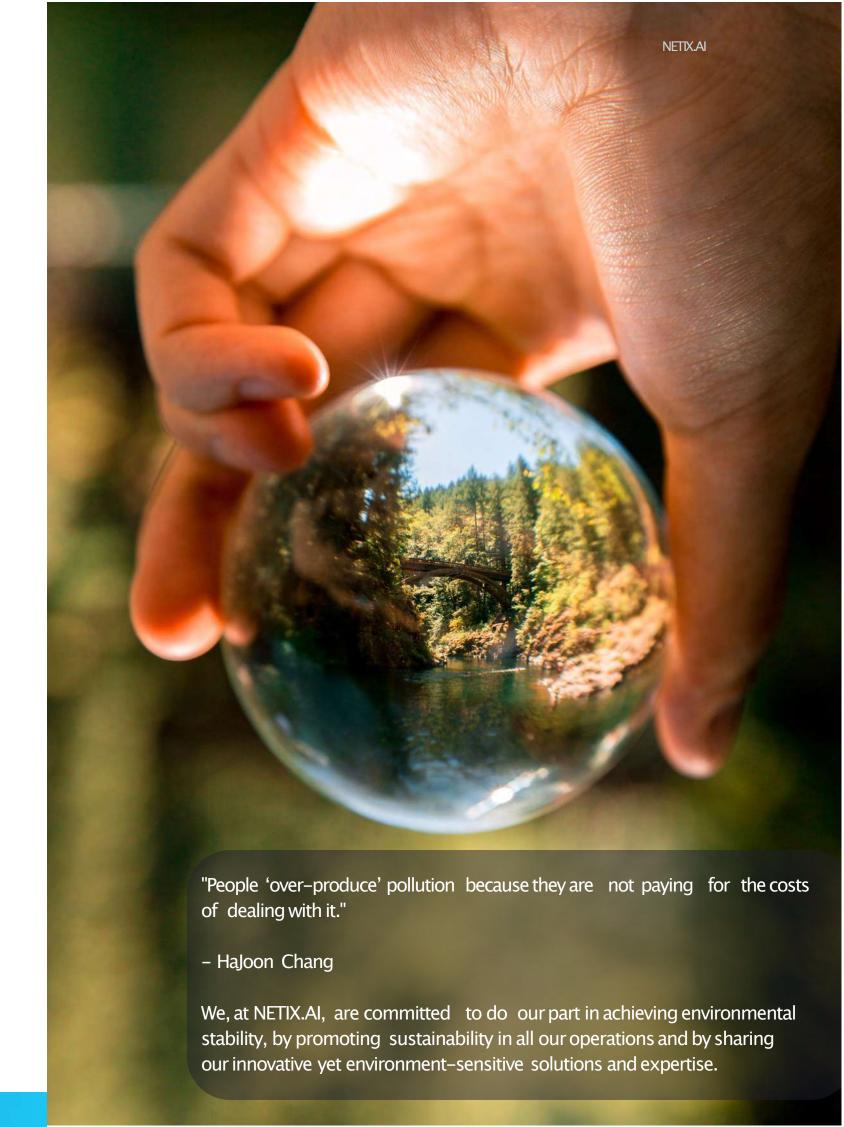
### Certifications

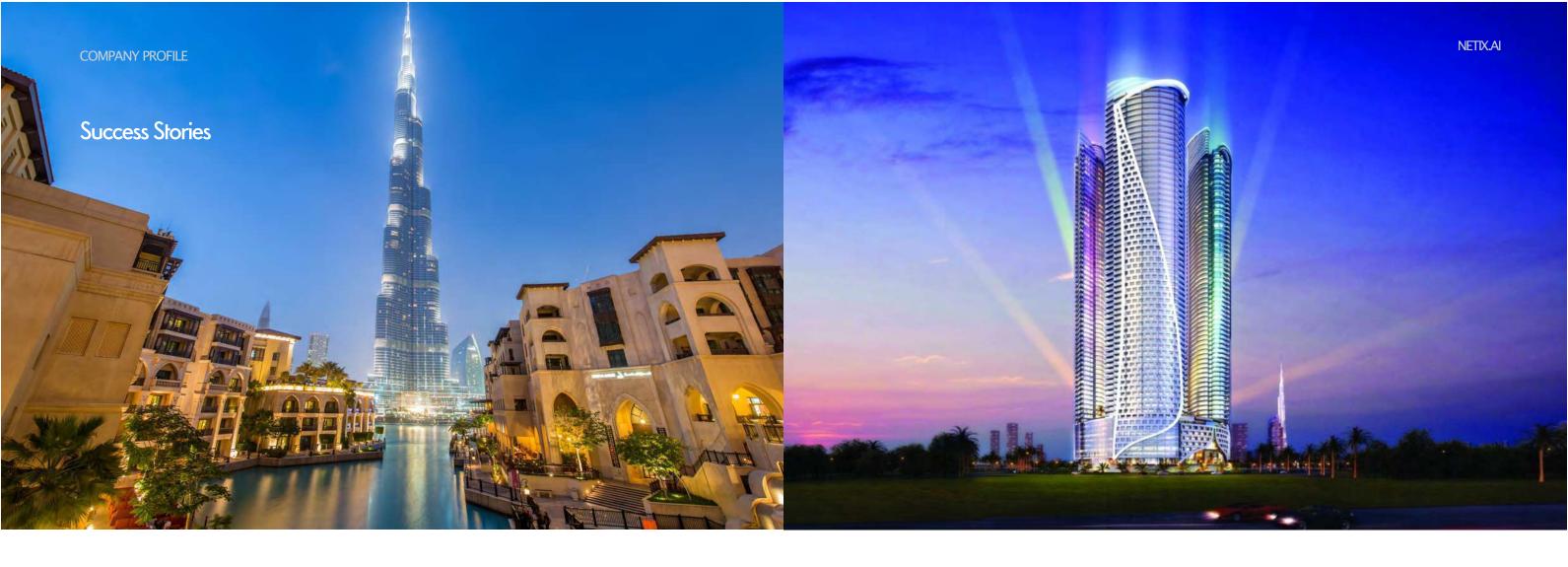












# **EMAAR**

Successfully managed the preventive maintenance of the BMS across multiple properties from EMAAR portfolio. EMAAR – Esteemed developers responsible for the majestic, world renowned, Burj Khalifa and Dubai Mall.

- Optimized operations and enhanced the performance output of BMS & ETS across 25,000+ Commercial and Residential units & 20,000 VillaS translating into 1,000,000+ assets, 10 Malls & 9 FIVE Star Hotels
- The platform currently hosts 40K equipments, 300K data points and from 160+ buildings and counting, 150 swimming pools, and 60+remote utilities pumping stations.
- Seamless integration and maintenance of 5 different brands of BMS

  Honeywell | Siemens | Trend | Johnson Controls | Schneider

  and lighting control systems ensuring achievement of industry leading energy saving milestones.
- Improved life cycle of the DDC controllers and field peripherals, helping in reducing downtimes of the BMS.

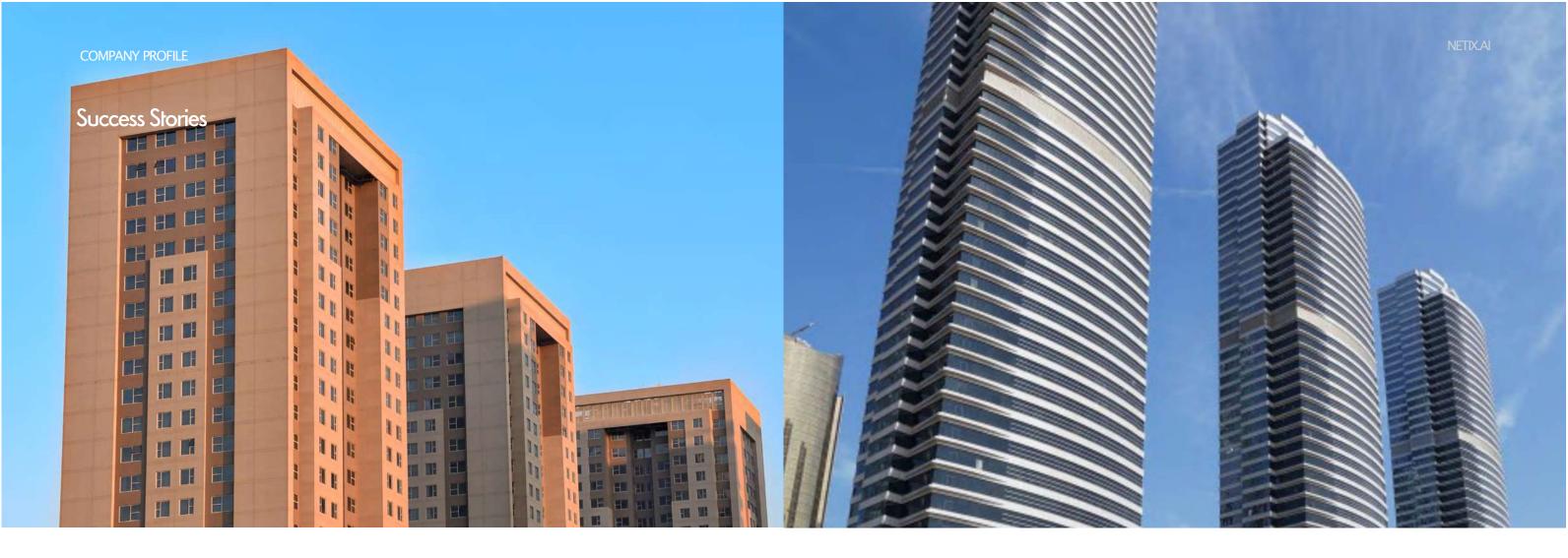
## DAMAC

Before starting the project, multiple towers had their BMS systems offline. We have successfully managed to bring the systems back, online, with minimal cost impact to the client. This enabled DAMAC to save a considerable amount on the energy bills of these properties.

- Optimized operations and preventive maintenance for 30 buildings
- Performed maintenance for 7 different brands of BMS, resulting in streamlined and centralized asset management

Honeywell | Alerton | Siemens | Sauter | Saia Burgess | Schneider | Centraline

Improved the life cycle of fixed assets







- Maintenance of lighting control, BMS and multiple general assets of 3 towers
- Integration of all systems and assets onto the Al-powered intelligent Integrated Command and Control Centre
- Monitoring energy and water consumption
- Improved life cycle of fixed assets
- Optimized operations

Upgrade and maintenance of 3 Mazaya Towers' buildings, where the client saved **75%** of their costs since they didn't have to replace the complete system, by upgrading to NETIX.AI Solutions instead.

- Integration of all the systems and assets of three towers onto the Al-powered
- intelligent Integrated Command and Control Centre; maintenance of the same
- Achieved proactive, organized and systematic management of energy use in all three towers.
- Transformed facilities into smart connected building system.

COMPANY PROFILE

## Completed Projects



Esteemed National Bank -11 branches, Abu Dhabi



Mazaya Business Avenue, Dubai, UAE



City Walk, Dubai, UAE



Al Jaddaf Residence, Dubai, UAE



Tadawul Tower, Riyadh, KSA



Emirates Airlines Staff Accommodation, Dubai, UAE



DWC Headquarter Building, Dubai, UAE



Apple Headquarters, India



Darwish Tower, Doha, Qatar



Mirdiff City Centre, Dubai, UAE



93 Al Wasl buildings, Dubai, UAE



Etisalat Digital 77 buildings, Dubai, UAE

## Completed Projects







Karolinska Research Institute, Sweden



Deutsche Bank, Jaipur, India



Sala Rakennuttajat HO, Helsinki, Finland



HDFCBank, Hyderabad, India



JLL Office, Mumbai, India



Qatar Metro, Phase 1, Doha, Qatar



Darwish Tower, West Bay, Doha, Qatar



Water-front Commercial Building, Muscat, Oman



Meredith India, Bangalore, India



Jumbo Shopping Mall, Vantaa, Finland



Karolinska Research Institute, Stockholm, Sweden

### References

Mosque at Mohd. Bin Zayed City, Abu Dhabi, UAE

NAFFCOLabor Accommodation, Dubai, UAE

B+G+4+RResidential Building, Dubai, UAE

B+G+3+HCResidential Building, Dubai, UAE

Al Yousuf Residential Tower, Dubai, UAE

Yasmin Tower, Ajman, UAE

G+1Rashidiya Building, Dubai, UAE

Sharjah Co-operative Building, Muhaiah, UAE

Asem Bin Thabit Secondary School, Fujairah, UAE

Atika School, Khor Fakkan, UAE

Al Naqi Centre -2B+G+M+5F-Mixed-UseBuilding, Lusail, Qatar

Al Fursan Residential Buildings -D21,D49& A29,Lusail, Qatar

Al Jazeera Networks Building -Doha, Qatar

Water-front Commercial Building, Muscat, Oman

Farzi Cafe, Muscat, Oman

FMC-Cheminova, BKC Mumbai, India
Sterlite Technical Office, Mumbai, India
HDFCBank, Hyderabad, India
HDFCBank, Vikhroli, Mumbai, India
DeutscheBank, Jaipur, India
Alembic Pharmaceuticals, Gujarat, India
Farbe Firma Pharmaceuticals, Gujarat, India
AlkemPharmaceuticals, Gujarat, India
Amneal Pharmaceuticals, Gujarat, India
AxisCenter, Pune, India
Janaseva Bank, Pune, India
Global Logic, Bangalore, India

Department of Justice. Helsinki. Finland
Court House – City of Vantaa. Finland
Technopolis Technology Center. Finland
Jumbo Shopping Mall. Vantaa. Finland
Senate Properties HO, Helsinki, Finland
Sundsber Intelligent Residences. Finland
Kaskisaari Intelligent Residences, Finland
Civil Defense Center, Turku. Finland
Jarfalla Kommun School Complex, Stockholm, Sweden
Klaipedos Refrigerator Terminal. Lithuania
Avilon Plaza, Moscow. Russia
Kolomenskaya Museum. Moscow, Russia
Krasnaya Rosza Business Center. Moscow, Russia

First Abu Dhabi Bank, Abu Dhabi, UAE
Mazaya Business Avenue, Dubai, UAE
Tadawul Tower, Riyadh, KSA
Emirates Airlines Staff Accomodation, Dubai, UAE
Darwish Tower, Doha, Qatar
Mirdif City centre, Dubai, UAE
City Walk, Dubai, UAE
Al Jaddaf Residence, Dubai, UAE
DWC Headquarter Building, Dubai, UAE
Masdar City, Abu DHabi, UAE
93 Al Wasl buildings, Dubai, UAE
Etisalat Digital 77 buildings, Dubai, UAE
Vida Manzil Hotel, Dubai, UAE
Karolinska Research Institute, Sweden
Msheireb Downtown, Doha, Qatar































### References



The Boeing Company

The State of Missouri

US Department of Agriculture (USDA)

Missouri National Guard

New York Power Authority (NYPA)

United Nations World Food Program

Nestle Purina

City of Kansas City

St. Louis CooperatingSchool District

Salvation Army

SSM Healthcare - St. Louis (via M360)

**Metropolitan Airports Commission** 

Under Contract for Memorial Medical Center

Sites & HSHS Medical Group Site

Momentive

Landratsamt Boblingen

STATDWERKE NÖRDLINGEN

Tarkett

Basf

Otto Group

The Grand Amsterdam Sofitel Demuere - The

Netherlands

Sheraton Manhattan Hotel - US

Intercontinental Buckhead - US

Golden NuggetHotel & Casino - US

Autostadt Gmbg The Ritz-Carlton

Diverse Power

Anna-Siemsen-Schule

Khq Kerntechnische Hilfsdienst Gmbh

Roche In Mannheim

Total Bitumen In Brinsbuttel

Osce Ministerial Council Meeting German Army - Special Force

Command

Royal Netherlands Army

German Federal Office For The

Protection of The Constitution

Regulatory Agencyin Berlin Mitte

National Police Service of Greece,

Eyeonix

Desfa: National Natural Gas System

Operator S.A, Eyeonix

Public Transport In Münster

Public Transport In Koblenz

Regiobus Hannover Gmbh

MacDill Air Force Base - US

Riga International Airport –US

Changi International Airport -

**SINGAPORE** 

Chiang Kai-Shek International Airport

- TAIWAN

Dubai International Airport - U.A.E

Oakland International Airport -US

Burlington International Airport -US

Richmond International Airport -US

Naval Station Pearl Harbor- US

Singapore Power Grid Peng Nguan

Substation -Singapore

Fort Benning – US

Üstra Hannoversche

Verkehrsbetriebe Ag

Go! Express Hamburg, Berlin,

Köln/Bonn

Stuttgart

Austin Straubel Airport -US

Jackson Hole Airport-US

Virginia Commonwealth University -

Rice University -US

Milton Hershey School -IS

Yale University -US

UTM University - MALAYSIA

University of North Carolina - US

Walter Reed Army Medical Center -

Washington, DC

Tulane University Hospital & Clinic -

New Orleans, LA

Children's Hospital Boston at

Waltham -Waltham, MA

Children's Hospital & Research

Center -Oakland, CA

Marine Corps Air Base Yuma - US



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