Carrier

SAFEGUARDING PEOPLE AND PROPERTY

Commercial fire solutions for the Middle East, Russia, Turkey, Africa and CIS countries

INSIDE:

Carrier

SOLUTIONS THAT MATTER.

CONFIDENCE THAT INSPIRES.

THIS IS CARRIER.

Our systems free people to be productive in the harshest climates. When new challenges stand in the way of progress, our innovations help people move forward: filling buildings and homes with healthy, clean air; detecting and putting out fires; keeping people safe and secure. In times of great uncertainty, we make sure foods and lifesaving medicines stay cold and fresh until they reach those who need them most.
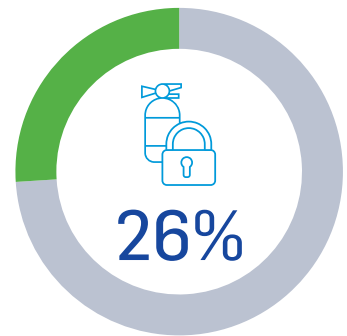
At Carrier, we'll keep bringing you more powerful, sustainable solutions. Together, we can build a brighter future with confidence.
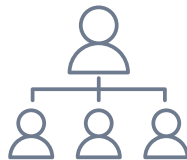
54%
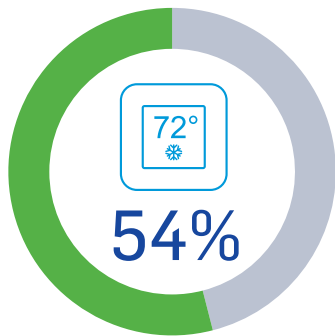
HVAC
Commercial
& Residential

20%
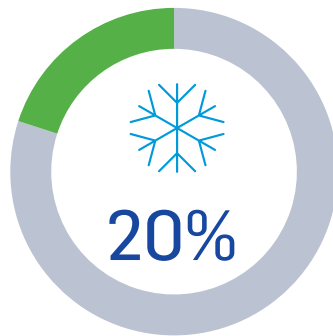
REFRIGERATION
Transport &
Commercial

26%

FIRE & SECURITY
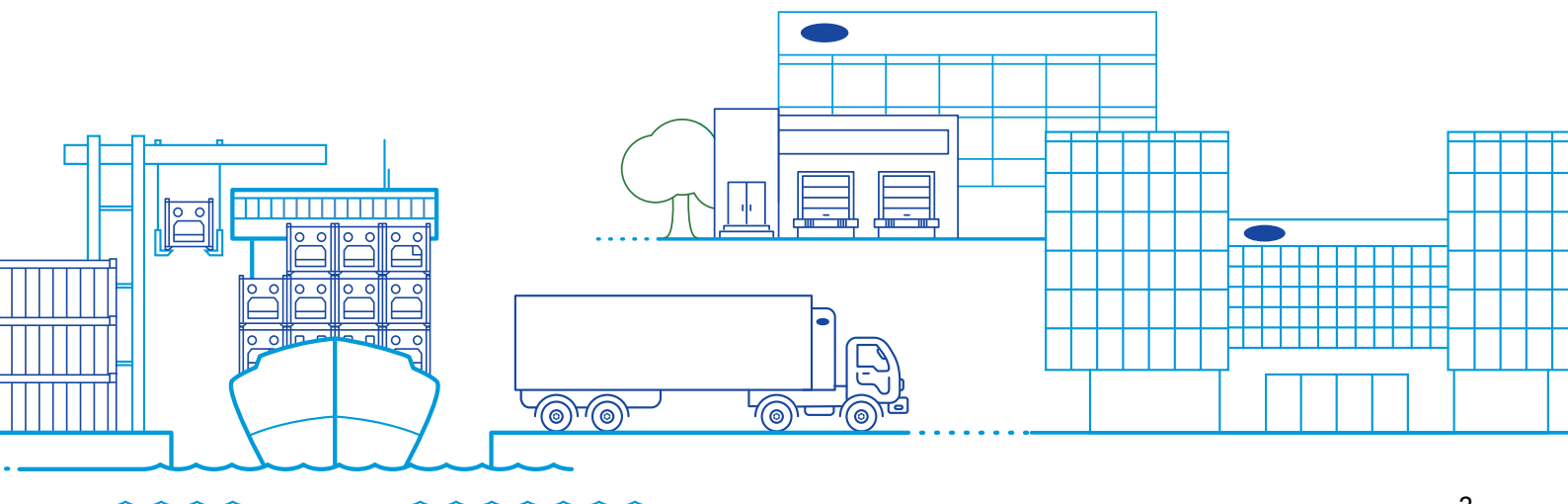Residential, Commercial
& Industrial

160+
COUNTRIES

~58,000
**EMPLOYEES**

80+
BRANDS

A history of innovation

Building on over a century of global innovation and leadership

Carrier's fire heritage is both extensive and longstanding. With world-class esteemed brands built on expertise and innovation, Carrier has been working with fire professionals and delivering solutions for well over a century.

On July 17, 1902, Willis Haviland Carrier designed the first modern air-conditioning system, launching an industry that would fundamentally improve the way we live, work and play. Willis Carrier's legacy lives on today as the company he founded continues to reinvent the industry and shape the world we live in.
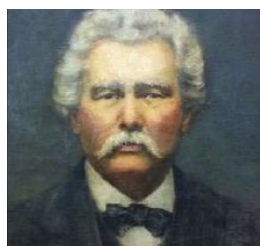
Founded in 1872 by Robert Edwards, he was the first to patent an electric bell in 1881. Today, Edwards is the "high-end" solution for major projects such as airports, shopping centres and complex estates.

Kidde was established in 1917, by Walter Kidde, with early patented developments including CO suppression in 1917, and CO extinguishers in 1924 and latterly, in 2013, the first manufacturer to offer carbon monoxide alarms, designed to last 10 years.

EMS has over 50 years knowledge of wireless and hybrid technology, and are acknowledged as the leading authority of this technology.

THE CARRIER WAY

VISION

Our aspiration; why we come to work every day.

Creating solutions that matter for people and our planet.

VALUES

Our absolutes; always do the right thing.

Respect   Integrity   Inclusion   Innovation   Excellence

CULTURE

Our behaviors; how we work and win together,
while never compromising our values.

Passion for Customers
We win when our customers win.

Play to Win
We strive to be #1 in everything we do.

Choose Speed
We focus and move with a bias
for action.

Achieve Results
We perform, with integrity.

Dare to Disrupt
We innovate and pursue sustainable solutions.

Build Best Teams
We develop diverse teams
and empower to move faster.

Inclusion & Diversity Strategy

I belong. You belong. We belong.

We continue to build a diverse team of talented and high-performing employees at all levels of the company. In 2020, we launched a more focused diversity and inclusion strategy to drive meaningful change that consists of four tenets, with associated actions and initiatives: Reduce the Gap, Develop & Sponsor, Drive Inclusion and Lean Forward.

Reduce the gap

Develop and sponsor

Drive inclusion

Lean forward

_belong
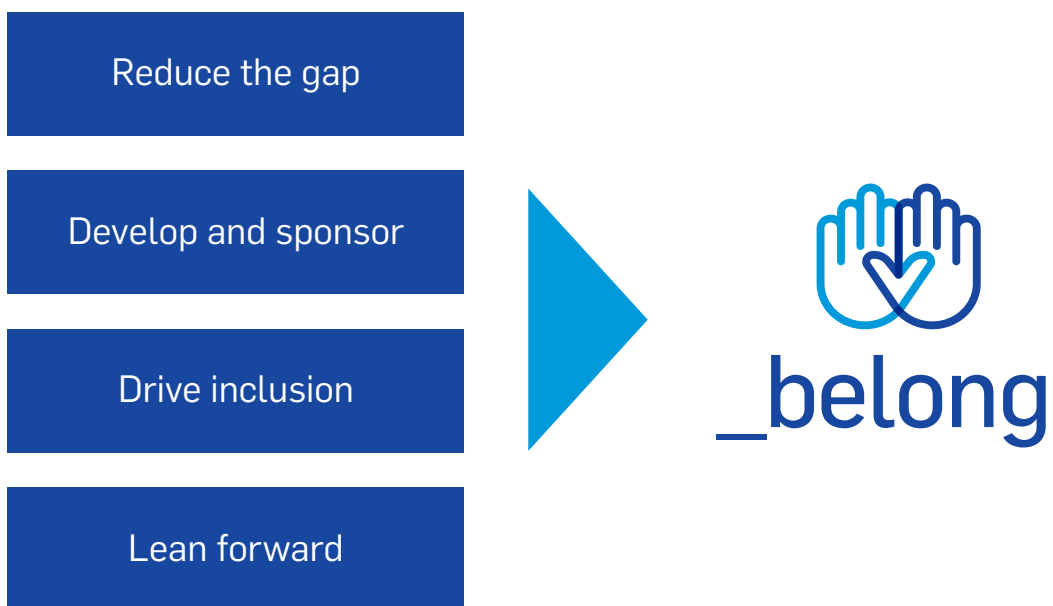
A HEALTHIER FUTURE STARTS INDOORS.

Healthy Buildings: Insipring Confidence in indoor environments.

Carrier has long been the industry leader in healthy, safe and sustainable buildings. Through our Healthy Buildings Program, we help optimize built environments in ways that improve operational efficiency and positively impact occupants – from helping to ensure physical safety and security to improving health, productivity and cognitive performance.

Today, we are uniquely positioned to provide healthy building solutions through our expertise, global footprint and rapid innovation capabilities. We employ a lifecycle approach to address nearly all aspects of buildings, with an industry-leading portfolio of advanced equipment, services and automation offerings covering HVAC and Fire & Security.

CARRIER'S APPROACH TO HEALTHY BUILDINGS

Carrier
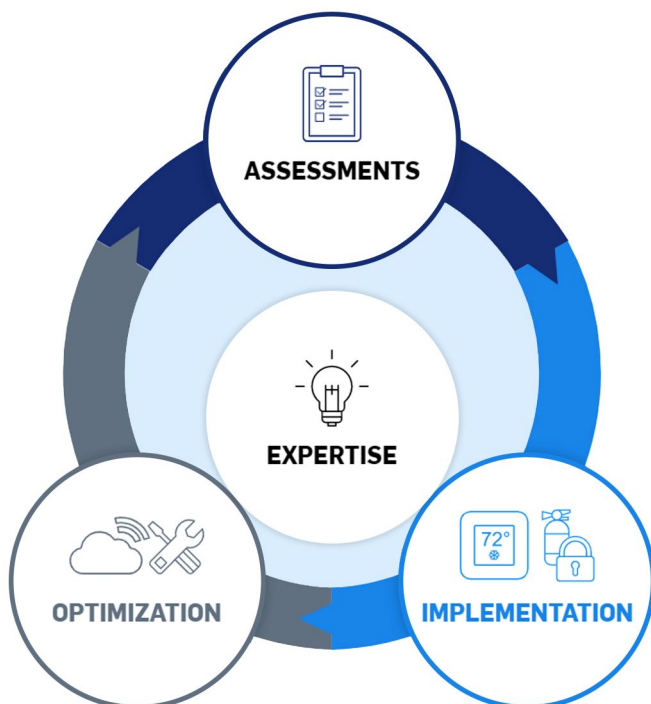
HEALTHY**BUILDINGS**

- VENTILATION
- AIR QUALITY
- THERMAL HEALTH
- FILTRATION
- MOISTURE
- SAFETY AND SECURITY
- NOISE

PRESENCE & CAPABILITIES

Middle East, Russia,
Turkey, Africa and
CIS countries

TONY NASR
GENERAL MANAGER,
MERTA

General manager message

AZERBAIJAN

GEORGIA

TURKEY

UZBEKISTAN

ALGERIA

TUNISIA

EGYPT

IRAQ

PAKISTAN

MOROCCO

JORDAN

KUWAIT

QATAR

UAE

OMAN

SAUDI ARABIA

MAURITANIA

SENEGAL

DJIBOUTI

NIGERIA

ETHIOPIA

CAMEROON

UGANDA

KENYA

Training &
Technology
Centers
DUBAI, UAE

TANZANIA

ANGOLA

SOUTH AFRICA

OPERATIONS

60+ years in
the region

VERTICALS
& TRENDS

Smart Cities, Healthcare,
Hospitality, Industrial,
Transportation, Critical
Infrastructure Protection,
Energy Management

Presence in
major Tier 1
airports

OFFERINGS

Fire Detection & Alarm

Video Management & Security

Intrusion Alarm System

Access Control

Service & Maintenance

PEOPLE

Dedicated integrators with strong
sales, service & maintenance teams

GO TO MARKET

Presence in
27
countries in
MERTA

MERTA Organization

TONY NASR
GENERAL MANAGER

AMIN AL TAHER
SALES DIRECTOR

FIRAS RAJAB
PROJECT MANAGER

MUHAMMAD FARAZ
PMM – FIRE

RAED HERZALLAH
SR. APPLICATION ENGINEER

QUSAY AL ATTILI
RSM
UAE & Levant

SYED MUSHAF
RSM
Bahrain, Kuwait, Oman & Qatar

ILKER TOPUZ
RSM
Turkey, Israel

NAIL BOZPINAR
RSM
Turkey

ANAS SHATOUT
RSM
K.S.A.

MAHMOOD ALAMMOURY
RSM
K.S.A.

TAREK KAMAL
RSM
Egypt

KHALDUN ABU ZAITOUN
RSM
K.S.A.

KHALID AL HARBI
APPLICATION ENGINEER
Egypt

SHADI NAIM
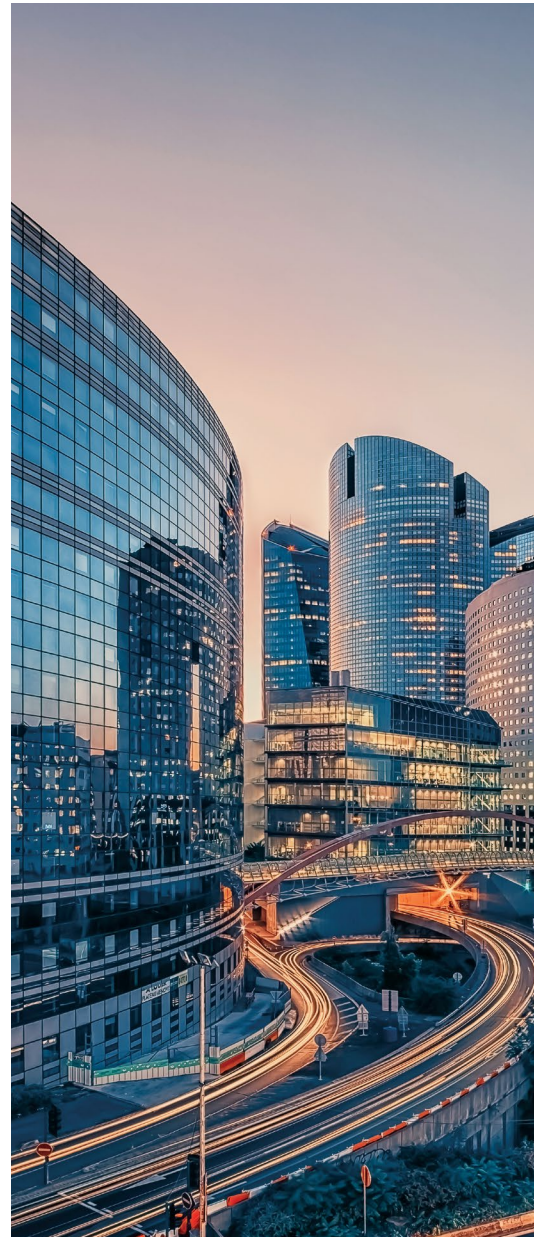SR. APPLICATION ENGINEER
K.S.A.

MOHAMMAHD DAMERY
APPLICATION ENGINEER
K.S.A.

![Carrier logo]

PROTECTING WHAT MATTERS MOST

Our commercial fire business encompasses a wide range of systems, including fire and carbon monoxide detection, alarm signaling, incident management, evacuation, monitoring, as well as fire, gas and water mist suppression and fire and gas safety solutions.

INDUSTRY LEADING BRANDS

EDWARDS   GST   Kidde   EMS

Supporting customers with solutions designed without compromise

With a determination for development, Carrier has a mission to be creative and resourceful, delivering modular and scalable solutions, which are technologically advanced, dependable and reliable, and without compromise whatever the property we are helping to protect.
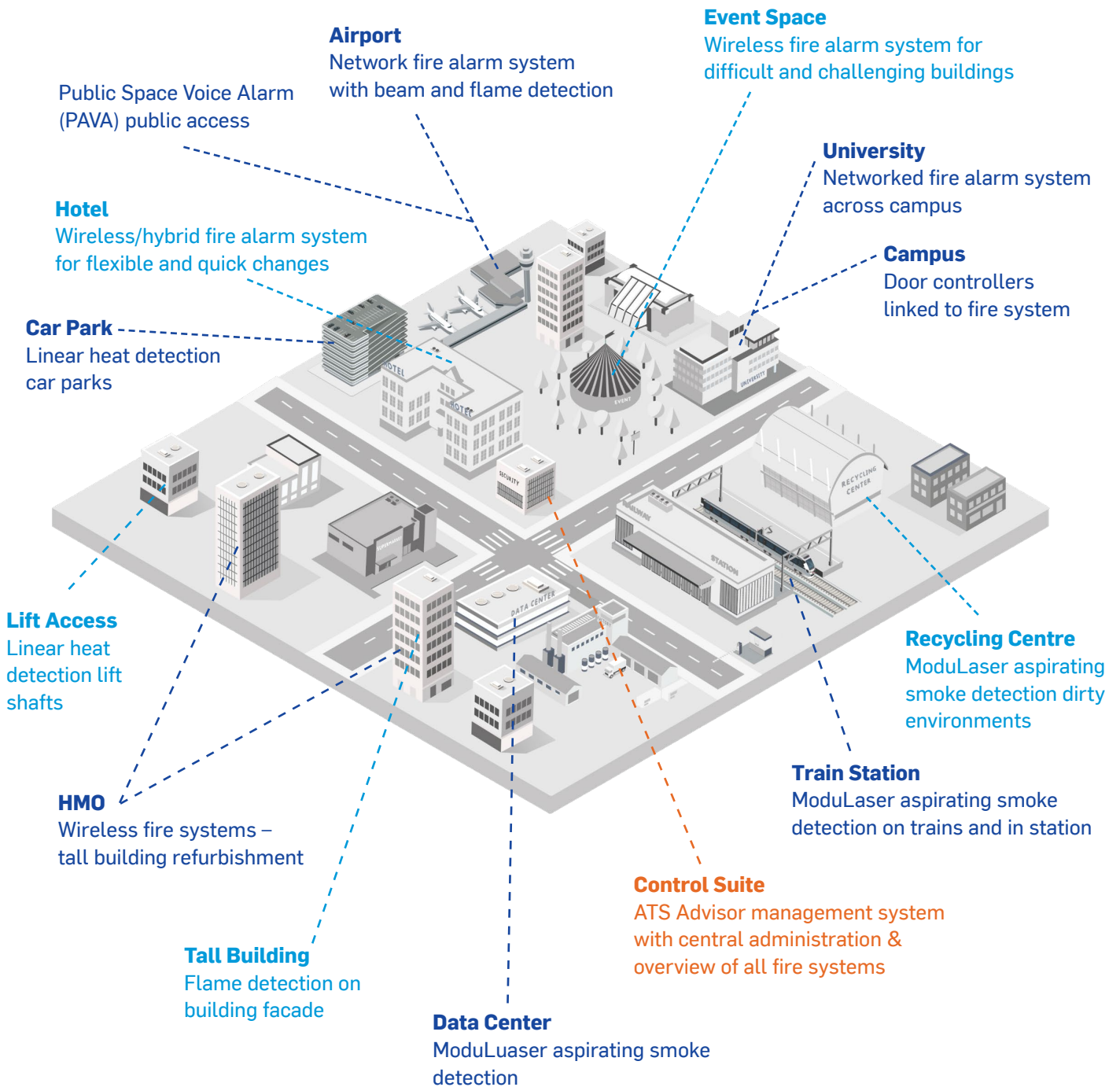
Commercial

Specialist

Small business & retail

Large scale projects

Carrier

Whatever the challenge or application, Carrier has the solutions.

Airport
Network fire alarm system with beam and flame detection

Event Space
Wireless fire alarm system for difficult and challenging buildings

Public Space Voice Alarm (PAVA) public access

University
Networked fire alarm system across campus

Hotel
Wireless/hybrid fire alarm system for flexible and quick changes

Campus
Door controllers linked to fire system

Car Park
Linear heat detection car parks

Lift Access
Linear heat detection lift shafts

HMO
Wireless fire systems – tall building refurbishment

Recycling Centre
ModuLaser aspirating smoke detection dirty environments

Train Station
ModuLaser aspirating smoke detection on trains and in station

Control Suite
ATS Advisor management system with central administration & overview of all fire systems

Tall Building
Flame detection on building facade

Data Center
ModuLuaser aspirating smoke detection

EDWARDS

Founded by the inventor of the first electric bell in 1872, Edwards provides life-safety and incident management solutions around the world.

Whether Edwards building systems are protecting the lives and livelihoods of the people who make businesses run, or those entrusted to the care of healthcare institutions; whether they're charged with protecting students, staff and faculty at the world's finest universities, or preserving irreplaceable artifacts that bring humankind's history to life; Edwards discovers innovative ways to meet site-specific challenges and make every project a success.

This comes as no surprise: Edwards solutions are modular, scalable, and meet the needs of applications ranging from fire detection, to industrial signaling and institutional communications – all technologically advanced innovations that deliver value and reliability for the entire service life of the product.

When facility owners and designers do business with Edwards, their investment is underwritten by a solid 140-year history of dedication to alarm and detection technology. That's why today building professionals the world over agree that when it comes to protecting people and property, Edwards systems deliver on a long standing promise of excellence that has been met for generations.

We are committed to the cyber security of our products and services. We investigate all credible reports of security concerns affecting our products.

EST4 Networked Life Safety Solution

EST4 is the Edwards' most advanced network life safety platform. Drawing on the strengths and successes of the EST3, EST4 has been engineered to perform for decades, be quick to service, and be simple to integrate into any building's existing infrastructure. Plus, with state-of-the-art cyber security measures, you can trust EST4 to help protect your property from cyber threats.

Every EST4 solution is designed to work with other Edwards products across generations, and the modular panel design allows for extraordinary flexibility and customizable configurations. The result is a backward-compatible system that gives you the freedom to include the capabilities you need and exclude the ones you don't, all while providing the opportunity for future expansion.

AUDIO
The EST4 platform's hi-fidelity audio messaging capabilities ensure that messages reach the right people at the right time across 200 channels, allowing responders to relay information clearly and concisely.

MESSAGING
Built-in E-mail and E-mail-to-SMS Messaging means that the EST4 platform can instantly notify the appropriate personnel of specific event types.

NETWORKING
EST4's enhanced networking capabilities are based on a TCP/IPv6 network, giving it the flexibility to be designed into many mid-to-large applications and even allows changes from copper to fiber with no system downtime.
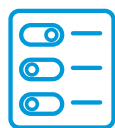
DISPLAY
A large full-color LCD touch screen with tactile buttons provides fast, intuitive access to service and responder functions

FORWARD MIGRATION
Easily upgrade your existing Edwards systems with cost-saving innovations like repurposing existing network cabling. The EST4 platform supports all Signature Series devices, Genesis notification appliances, modules, and service tools.

CYBERSECURITY
The EST4 system is equipped with the ability to deploy proxy firewalls that effectively insulate the internal fire network from external cyber threats using advanced encryption and security protocols.

MODULAR CAPABILITIES

A modular panel provides extraordinary flexibility and customizable configuration, allowing you to include only the capabilities you need and to easily exclude those you don't, while also providing future expansion capability.

ADVANCED NETWORK ARCHITECTURE

EST4 adapts to a multitude of facility and campus layouts, reducing the cost of networked systems. And UL-listed proxy firewalls help protect your system against cyber threats when connecting to outside networks.

EMERGENCY VOICE COMMUNICATIONS

EST4's distributed audio and impressive capacity of 100 channels per system make EST4 the clear choice to deliver critical messages when and where they are needed.

BACKWARDS COMPATIBILITY

Wiring, devices, and most local EST3 rail modules are fully backwards compatible with EST4, providing easy migration paths and an economical transition to new technology.

FUTURE READY

While EST4 meets the rigorous UL864 fire alarm controls standard and UL2572 standard for mass notification today, its design is ready to adapt to future code and standard changes.

EDWARDS

SAFEGUARDING PEOPLE AND PROPERTY

From the big picture to the small details, EST4 is engineered to make protection as flexible, efficient and user-friendly as possible.

FLEXIBILITY & EFFICIENCY

UP TO **75%** **LESS CABLING REQUIRED** for network, audio and telephone data due to shared, single-twisted pair or fiber strand

100 channels of digital audio on a single pair of wires

USER EXPERIENCE

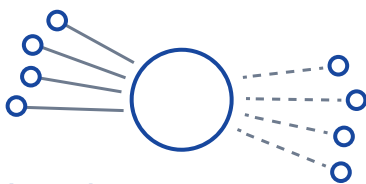LED Indicators: **5** Color Options **EACH**

20K **EVENT HISTORY**

FULL-COLOR LCD Touch Screen with Tactile Buttons
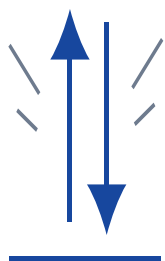
CONNECTIVITY

Local and Remote Reporting

Email & Email-to-SMS Messaging

480 Mbps **BUILT-IN** USB Ports on Panels

MAINTENANCE ADVANTAGE

ZERO DOWNTIME during system updates with Advanced Upload/ Download Protocol

LOGICAL PROGRAMMING depicts the system in a graphical tree view to match building layout

REDUCED NUISANCE ALARMS using the Signature protocol and Optica detectors

Our silence is making some big noise.

The first system smoke detector that can differentiate between nuisance particles and serious threats, Signature Optica™ detectors from Edwards reduces false alarms and is already compliant with UL 268, 7th edition standards. Thanks to Optica detectors, you can start specifying a smarter solution today.

SENSING

The patented optical sensor works by measuring the size, color, reflectivity and density of particles—only reacting to those that pose a serious threat.

COMPLIANCE

By June 2022, all new system-connected smoke detectors must pass updated UL 268, 7th edition standards. Luckily, Signature Optica detectors are already compliant and ready for your next project.

DIFFERENTIATION

Our patented optical sensor can differentiate between nuisance particles, like cooking smoke, dust or steam, and serious hazards to drastically reduce nuisance alarms and business disruptions.
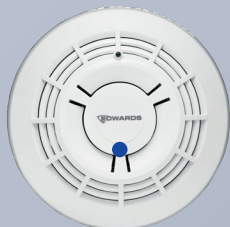
DETECTION

Signature Optica detectors come in four models, including versions with heat and Carbon Monoxide (CO) sensing, to cover a full range of applications, so you can specify a smarter system today.

INSTALLATION

Backwards compatible features allow for forward migration with minimal system updates, so you can retrofit an existing facility without reprogramming, rewiring or changing an existing Signature detector base.
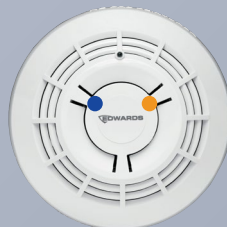
PRIORITY: DETECTION

We're proud to offer the Signature Optica detector in four comprehensive models, so you can specify a smarter system for your facility. All the models offer the same groundbreaking sensing technology, forward migration features, and state-of-the-art protection.
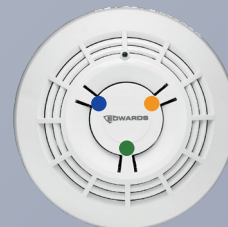
O Smoke
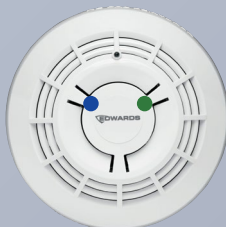
O Smoke
C Carbon Monoxide

O Smoke
H Heat

O Smoke
C Carbon Monoxide
H Heat

Specify a smarter system.

Select the best Signature Optica detector model for your facility or campus and start enjoying the superior protection of optical sensing.

HOSPITALITY
Hotels and resorts experience a startling number of nuisance alarms every year, which cost time and money, all while having a negative impact on the customer experience.

RETAIL & LARGE COMMERCIAL OFFICE
Keep clients profitable by streamlining their systems and providing retrofitting options that go easy on the bottom line.

EDUCATION
Fewer nuisance alarms means fewer interruptions in the classroom, while advanced technology provides for greater peace of mind for staff and administrators.

HEALTHCARE
Hospital staff, patients, and visitors shouldn't have to worry about smoke detection. Let them focus on what really matters — health, recovery, and wellness — while Optica detectors handle the rest.

CAMPUS, ASSISTED LIVING & MULTIFAMILY HOUSING
Reduce unnecessary visits from the fire department and inconvenient evacuations with Optica detectors.

Smart detectors mean safer facilities.

Signature Optica™ detectors have been engineered to make smoke detection simple, cost effective, and reliable. From the patented optical sensor that differentiates between nuisance particles and serious threats to the continuous self-diagnostics, the Optica detector has been fine-tuned to provide you with the most efficient and effective fire and life safety protection on the market.

BACKWARDS COMPATIBLE
Use with current or existing Edwards fire panels, no rewiring or reprogramming required
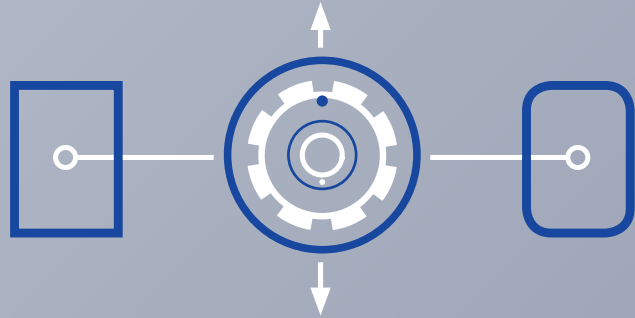
CODE COMPLIANT
The first to become compliant with UL 268, 7th edition standards

UL CERTIFIED

THREE PHOTOELECTRIC LIGHT SOURCES
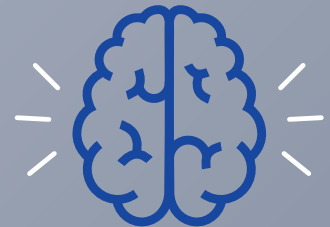A more sophisticated detection system

SENSITIVITY SETTINGS
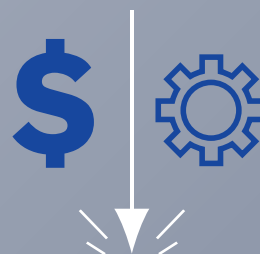Customize your detection experience based on your needs

5

DEVICE LEVEL INTELLIGENCE
Quicker response and simpler wiring

ENVIRONMENTALLY AWARE
Continually compensates for its local environment and notifies the panel when maintenance is due

LOWER MAINTENANCE COSTS
Notifies before potential issues arise

EDWARDS

ModuLaser: compelling choice for aspirating smoke detection.

ModuLaser is a scalable aspirating smoke detection solution providing flexibility in design and installation. Compartmentalised detection and display units result in a unique modular design that provides detection of multiple zones while overcoming many of the issues that can exist with non-modular systems.

A ModuLaser system consists of two basic module types :
- Display module – provides control and monitoring of detector modules
- Detector module – draws air from the risk area and samples it for smoke particulate

Up to eight detector modules can be controlled and monitored via one display module with each detector module capable of serving up to 250m/820ft. of combined sampling pipe.

Display and detector module combinations are known as a cluster with devices in the cluster communicating via RS485. This unique modular design allows for clusters to be non-distributed or distributed giving significant design advantages such as maximising pipework coverage and reduced transport times.

ModuLaser is not just about efficient and flexible system design it also excels with simple user controls, detailed display information, connectivity and easy maintenance. From the designer through to the end user ModuLaser provides benefits for everyone.

ModuLaser embraces exciting new design aspects integrated with proven features and technologies, such as ClassiFire and waste gate technology.

Whether it's providing early warning detection within a clean room environment or providing a problem solving solution for harsh or unusual applications, ModuLaser excels to provide a robust and reliable aspirating smoke detection solution.

Non-distributed cluster

Distributed cluster
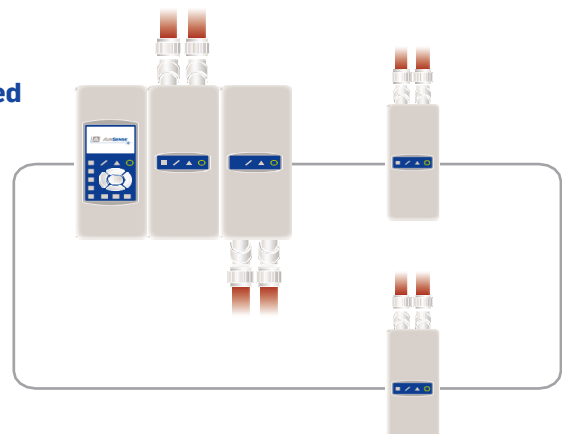
ModuLaser excel and usage

Modular design

Separate centrally-controllable detector modules allow efficient piping and discrete zones with no overlap.

Design can be tailored to provide the required number of detection zones to suit the application, with the ability for future expansion.

Simplified installation

Innovative docking station design allows detectors to be easily connected together as a group. Sensitive electronics are easily removed to ensure they will not be damaged during first fix installation. Aspirating pipework and cable entries can easily be made into either the top or the bottom of the unit.

Wizards

Wizards provide step by step guidance for installation and maintenance, during installation and maintenance, ensuring all key parameters are adjusted during installation and monitored during routine service.

Easy pipe connection

The quick fit pipe adaptor system locks down securely, yet leaves plenty of room for easy pipe connection and removal.

Zoned aspirating smoke detection

Individual detector modules provide detection for individual areas or zones, specific zone alarm information can be transmitted to the main fire alarm panel via a common APIC* address card in the display module or through dedicated alarm relays within each detector module.

Easy to use interface

The color display with the support of the navigation and functional buttons provides an attractive, clear and efficient user interface. Detailed status and diagnostic information is displayed in text and graphic formats.

Multi-lingual support

The ModuLaser TFT display supports many different languages, the required language can easily be selected through the configuration menus. LED indications are identified by easily recognisable icons on the membrane.

MatrixScan*

MatrixScan is a revolutionary cross matrix system that can pinpoint the location of the alarm, through the use of virtual detectors. This provides very high sensitivity and a very high number of unique addresses at minimal cost.

Aspirating smoke detection is a method of smoke detection, whereby a sample of air is drawn from the protected area via a sampling pipework, and analysed at the aspirating detector (ModuLaser) for the presence of smoke particles. If smoke particles are present in the sample, then based on the aspirating detector's configuration one or multiple alarms will be raised.

Historically aspirating smoke detection was used for very early warning of a potential fire, within very well controlled environments. ClassiFire® makes it possible for Aspirating Smoke Detection to be utilised in a much wider range of applications.

Unlike traditional point detection, air sampling points do not require electrical devices, power, wiring, or junction boxes. In fact, servicing and testing need only be carried out at the display and detector modules, and at the sampling point furthest from the detector module.

In addition, ModuLaser modules can be installed so they remain within reach, regardless of how inaccessible the sampling points are. This permits maintenance to be carried out and electrical connections to be made in a convenient location away from the protected space.

ModuLaser is an excellent choice where spot detection and beam detection are problematic. However it is not limited to these applications only, and supports a much wider range :

- Where very early warning detection is required
- Where high air flow is present
- Where the environment is hostile (very cold, very hot, humid or dusty, strong RF fields)
- Where detection is to be concealed for aesthetic or security purposes
- Where there are areas subject to smoke stratification
- Where access for maintenance is impractical or unsafe
- Where mission critical detection is required for suppression release

Concealed detection – hidden in plain sight. Architectural considerations frequently call for walls and ceilings to be unblemished by point detectors and wiring conduits. In other instances, the risk of tampering can be greatly reduced by reducing the visibility of smoke detection equipment within the protected space.

TYPICAL APPLICATIONS

Things are looking up. In locations with high ceilings, accessibility plagues maintenance and service efforts, while stratification poses a serious risk to life safety. ModuLaser overcomes these difficulties because devices are installed at ground level, while sampling ports remain high above in optimum sensing locations.

- Aircraft hangars
- Anti-smoking enforcement
- Cable tunnels
- Cleanrooms
- Computer cabinets
- Corrections facilities
- Engine rooms
- Flour mills
- Freezer warehouses
- High-end residential
- Hotel lobbies
- Museums
- Record storage facilities
- Semiconductor fabrication
- Textile areas
- Warehouses

- Airport terminals Atria
- Ceiling voids, raised floors
- Coal conveyers
- Computer rooms
- Data processing centers
- Escalators
- Food preparation areas
- Heritage buildings
- Hospitals
- Metro tunnels
- Paper mills
- Recycling centers
- Telecommunications facilities
- Tobacco plants
- Distribution centers

Why it just adds up: More efficient, less costly

With the unique modular design of the ModuLaser, you buy exactly what you need for a particular installation.

Traditional multi-channel aspirating smoke detectors offer a fixed amount of zones or channels, which in many installations result in a detector with more zones than is required by the installation. This in turn may result in a higher cost price.

With the ModuLaser this is no longer the case as the detection modules are sold separately, and up to eight detection modules can be controlled and monitored by one display module.

On top of this there is no need for the detection modules to have similar sampling pipe layouts. Individual modules provide significant advantages over non-modular systems:

- No need for balanced pipework across zones
- Unaffected by zones of differing pressures or airflow
- Each zone configured completely independently for sensitivity, alarm thresholds etc.
- No delay in the detection of smoke from scanning between zones.
- No cross contamination of smoke between zones.

Freezer burn. Cold storage facilities produce environments that would damage the circuitry and clog the smoke chambers of spot detectors. ModuLaser overcomes this problem because the sampling points are not susceptible to cold and humidity, and the detector can be located outside the freezer area where conditions could harm its electronic components.
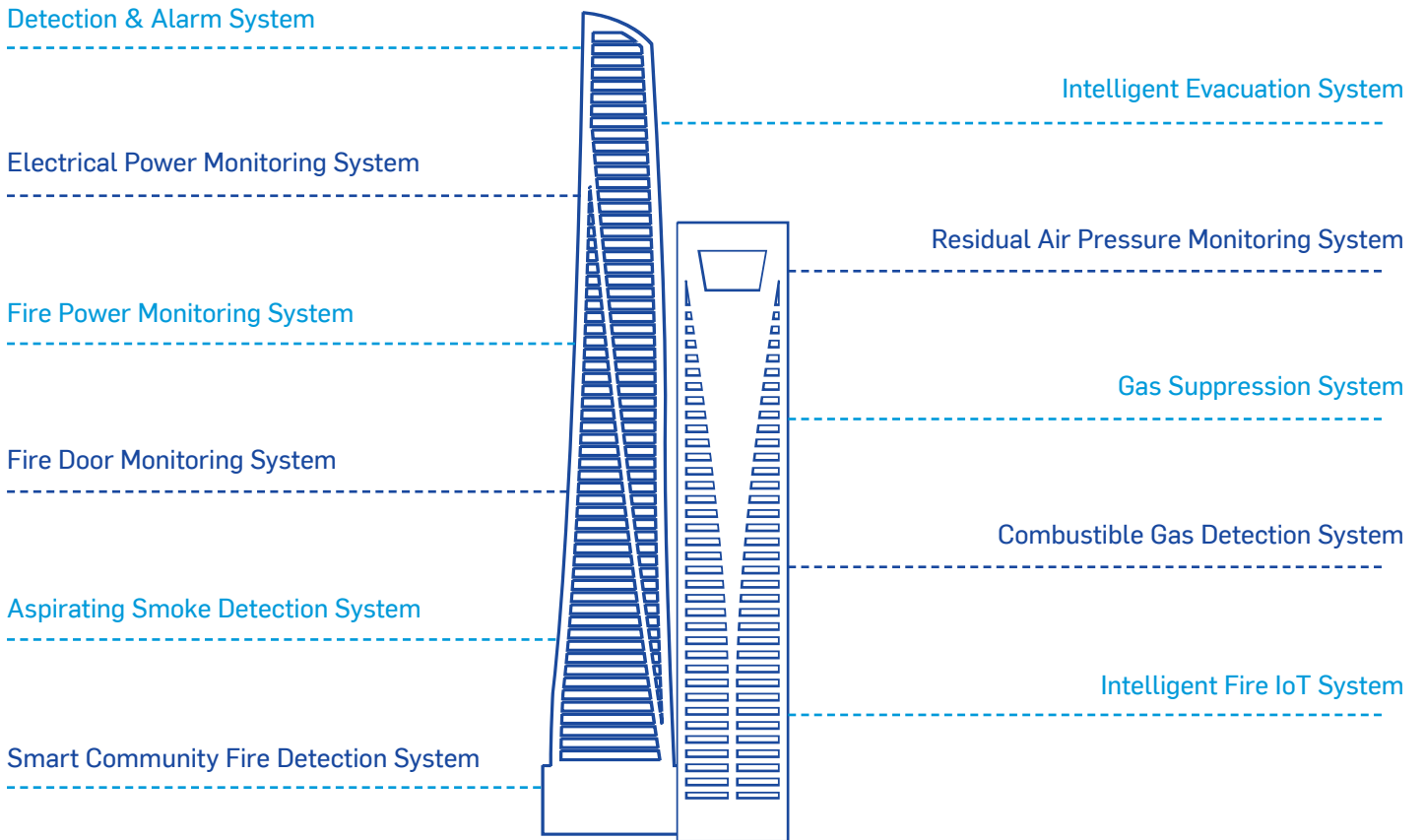
GST is a key player in the Asia fire and security industry and a trusted provider of comprehensive fire system solutions around the world.

GST is a subsidiary of Carrier (Carrier Global Corporation), a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies.
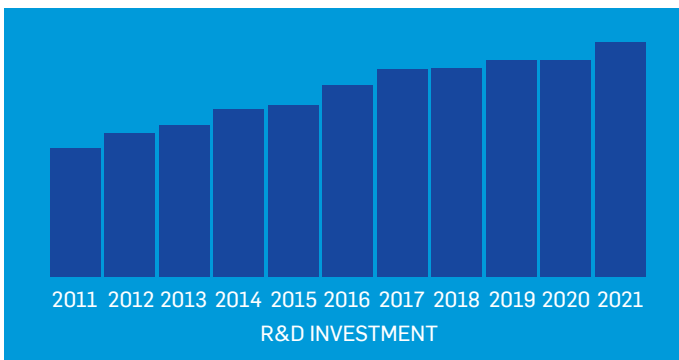
GST provides a wide range of fire products and customized fire system solutions tailored to the needs of different industries. With a sales infrastructure that covers many countries and regions, and includes a China-wide network of more than 150 sales offices and several logistics centers, GST has become an important part of Carrier's global business.To satisfy the needs of its global customer base, GST has established extensive R&D facilities in Beijing and Qinhuangdao in northern China. It constantly strives to develop innovative new technologies and products. GST's factory in Qinhuangdao is a large manufacturing base producing intelligent electronic products that incorporate innovative technology. To ensure superior product quality, it has advanced manufacturing and inspection equipment and strong capabilities in quality control and process management.

GST has earned a range of national and international certificates of conformity to standards such as China's CCC, the international UL, the global LPCB, Europe's CE, etc

One-stop solution

Detection & Alarm System

Electrical Power Monitoring System

Fire Power Monitoring System

Fire Door Monitoring System

Aspirating Smoke Detection System

Smart Community Fire Detection System

Intelligent Evacuation System

Residual Air Pressure Monitoring System

Gas Suppression System

Combustible Gas Detection System

Intelligent Fire IoT System

Innovation

2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021
R&D INVESTMENT

Certifications & Market Admittance

Quality Control

Operational Excellence

DEVICES RANGE

Combined Detector
DI-9101E

Optical Detector
DI-9102E

Heat Detector
DI-9103E

AESTHETICS

Low profile detector.

RELIABLE

Advanced digital communication and drift compensation.

EASY TO INSTALL

Electronic adressing using handheld tool.

EASY TO TEST & COMMISSION

Magnetic switch for quick alarm testing

EASY MAINTENANCE

Detector stores last 5 events and total number of alarm.

SmartCell Wireless Fire Detection System

SmartCell was designed to meet today's demanding requirements. It is fully certified to all current EN standards.

With a capacity of 64 wireless devices in total divided equally between fire and information, SmartCell is just right to meet many applications.

SmartCell is also big on features. Each wireless device is compact in design yet has many elements. The combination detector has the ability to detect both heat and smoke, along with a 32 tone sounder and a EN54:23 visual indicator. All this in one device.

Each wireless device has integral "low cost" batteries, giving at least 3 years operation under normal operating conditions. The panel itself is fully self-contained, and the optional communications module to access "Smart Services" is simply plugged inside directly onto the main PCB.

SMART SERVICES

Smart Services offers comprehensive features for both site user and service provider and our intuitive software makes remote access as easy as standing in front of the panel. Remote diagnostics to identify any issues, are now quicker, and save money as an engineer no longer has to visit other than effecting the remedial action.

SmartCell is typically installed in less than a day, no wiring, no mess and no disruption to your business. Need extra wireless devices? These can be added fast and efficiently.

Health and safety issues are drastically reduced as each wireless device takes only ten minutes to install. This ensures your investment is in technology and not installation costs.

SMARTCELL WIRELESS DETECTION

A range of detectors which can include social and visual alarms

Fire sounders with 32 different tones and white or red visual indicators

Connect and monitor non-fire equipment, e.g. air conditioning, heating or CO detection

Manual call points complete with antitamper covers

A range of non-fire "white" devices for alerts or building lockdown

Keep doors open with the wireless door controller. If system activates, doors will release

SmartCell: Connect for fast response, connect for assistance

SmartCell is unique in that the optional communications module allows full connectivity for service and support. Users, as well as support teams can receive live updates via text or email.
SmartCell can also be connected to compatible Alarm Receiving Centres (EN54-21).

SmartCell has a wide range of wireless devices including the SmartDoor which is fully programmable and releases doors in the event of an alarm, and only in the event of an alarm.

With patented and proven technology along with a history of innovation out wireless technology provides you with comprehensive fire detection, building safety, the ability to add non-fire devices, but above all, peace of mind. Peace of mind, that your building, its users and your property is protected by SmartCell and the heritage that is behind the technology.

Fast installation, cutting edge products all at a cost that will delight you.

PROJECTS
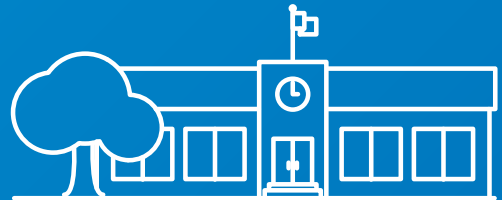
LOWER ENTERPRISE

Carrier serves in the LOWER enterprise segment and successfully catering the needs of that segments. We have completed 5000+ in the below verticals:

- Residential Building
- Worker quarters
- Retail
- Schools
- Clinics
- Groceries/Showrooms

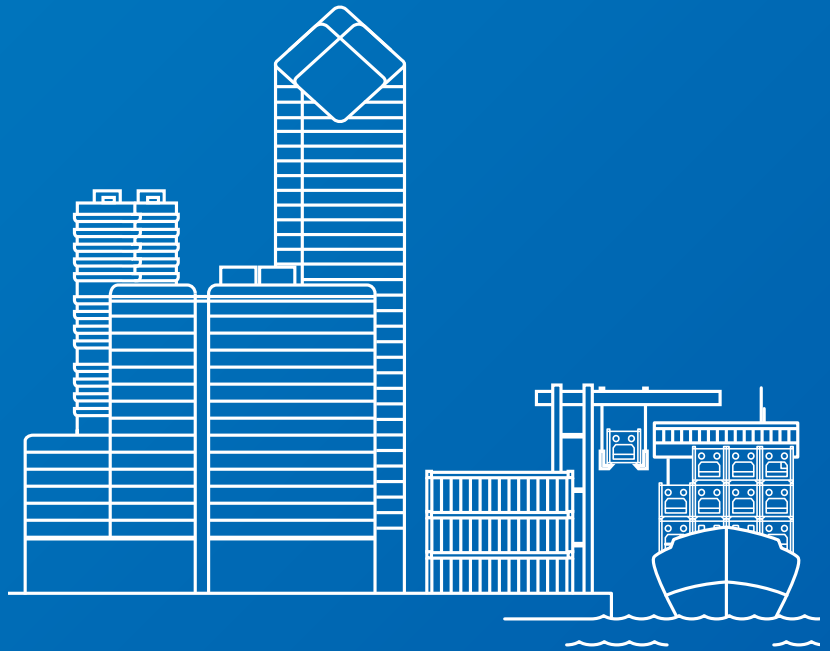## Completed Projects Geography

OMAN
1000+

U.A.E.
3000+

AFRICA
2000+

UPPER ENTERPRISE

Carrier serves in the UPPER enterprise segment and successfully catering the needs of that segments. We have completed 8000+ in the below verticals:

- High rise buildings (< 40 floors)
- Banking (multi-site chain)
- Food processing plants
- Education
- Healthcare
- Residential Communities

INDUSTRIAL AND INFRASTRUCTURE

Carrier is pioneer and one of the market leader in the segment and successfully catering the needs of that segments with value added features. We have completed 4000+ in the below verticals where there are Scale & Complexity, Harsh environment , Challenging scenarios Mainly Greenfield or major Brownfield revamp projects:

- Offshore and Onshore O&G
- Petrochemicals
- Power
- Transportation (airports, metros)
- Mega Malls
- Digital Hospitals (>300 beds)
- University Campuses
- Skyscrapers > 40 floors (mixed use)

EGYPT	K.S.A.	QATAR	KUWAIT	TURKEY
1500+	5000+	1000+	500+	4000+

Commercial Fire HQ

Middle East, Russia, Turkey, Africa and CIS Countries

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