

# TRITECH<sup>®</sup>

WHERE  
**HVAC-R** SOLUTIONS  
EMBRACE THE  
**FUTURE**



WWW.TRITECHBD.COM

THE  
FUTURE  
STARTS TODAY  
NOT TOMORROW





***ENVISIONING TOMORROW,  
DELIVERING TODAY:  
TRITECH'S COMMITMENT TO  
FUTURE-READY, CLIENT-CENTRIC  
HVAC-R SOLUTIONS***

**TRITECH<sup>®</sup>**



At Tritech, we don't follow industry trends — we set them. As a pioneer in HVAC-R innovation, we deliver future-ready solutions that seamlessly integrate intelligent design, sustainability, and high-performance technology. Driven by decades of expertise and a progressive vision, we are redefining indoor climate control for a smarter, more sustainable world. Our energy-efficient systems embody our commitment to excellence, setting new benchmarks in comfort, operational efficiency, and environmental stewardship.

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# LEGACY AND VISION





# A REMARKABLE TWO-DECADE JOURNEY

## 22+ YEARS OF HISTORICAL MILESTONES

**2024:** Delivering 360 Solutions, Including Pharmaceutical HVAC-R, Construction & Manufacturing

**2022:** Shifted to 16,000 SFT Own Permanent LEED Certified Office Building

**2020:** Introduction of CHP Solution in Hilton Dhaka

**2019:** Platinum LEED Certified Project with highest point in HVAC System, Mobil House

**2016:** Biggest VRF Project of the Country, BUFT

**2014:** Partnership with Smardt, Australia

**2010:** Introduction of Heat Pump Water Heater in Sayeman Beach Resorts

**2007:** Introduction of VRF in the Market

**2006:** Partnership with Fabricair, Denmark

**2003:** Inception

**2004:** First Commercial Project- RM Centre & HOSNA Centre

**2021:** HVAC Contract for Brac University

**2015:** 1<sup>st</sup> Magnetic Bearing Chiller Project in the Country, Square Hospital

**2007:** Partnership with Kawasaki, Japan

**2023:** Started Fully Automated Business Operation

**2008:** 1<sup>st</sup> VRF in Hospitality Industry (Hotel Ocean Paradise)

**2012:** 1<sup>st</sup> Platinum LEED Certified Project, Genesis Washing

**2017:** Biggest Magnetic Bearing Chiller Project of the Country, Pani Bhaban

**2020:** ISO 9001:2015 Certification





## STATE OF THE ART HQ

Tritech has established a permanent 16,500-SFT office in a strategically selected, LEED-certified commercial building. Situated in a rapidly developing, highly accessible business district, the office reflects thoughtful, future-focused planning. Its spacious industrial design and contemporary décor create a safe, collaborative environment that seamlessly balances sophistication and functionality, supporting the delivery of outstanding service to our clients.

**TRITECH**<sup>®</sup>



***COLLABORATIVE &  
INSPIRING  
WORK SPACE***

Designed to foster focus, adaptability, and seamless coordination, the workspace empowers teams to meet client needs with confidence. An open layout encourage clear communication and effective collaboration, while a safe environment enables individuals and teams to maintain productivity and consistently achieve results that align with client expectations at every stage of a project.

# THE LARGEST TEAM OF HVAC-R EXPERTS

**60+**

**BSC ENGINEERS**

**200+**

**HVAC-R TECHNICIANS**

**25+**

**DESIGN ENGINEERS**

**350+**

**FULL TIME EMPLOYEES**

**4 DIRECTORS**  
**TECHNICAL GRADUATES**



**TRITECH**

County's Largest HVAC-R Provider

Team Tritech stands at the forefront of innovation as a progressive, technology-driven HVAC-R solutions provider, committed to advancing the nation's HVAC-R industry. With over 23 years of proven expertise and a highly skilled team of engineers, we deliver superior project solutions tailored to client needs, consistently upholding the highest standards of quality, performance, and customer satisfaction.

**TRITECH**<sup>®</sup>

# **VISIONARY BOARD OF DIRECTORS**



**DIRECTOR**

**DIRECTOR**

**MANAGING  
DIRECTOR**

**DIRECTOR**

**85+ YEARS OF  
COMBINED EXPERIENCE**

Tritech's Board of Directors unites industry leaders with decades of expertise across industrial and commercial air conditioning, ventilation, clean room solutions, and refrigeration. Their collective knowledge and strategic insight ensure delivery of sustainable, client-focused solutions. Under their visionary leadership, the company remains driven by innovation, operational excellence, and long-term growth.

# BOARD OF DIRECTORS



**SHEIKH  
ASIFUR RAHMAN**  
MANAGING DIRECTOR

- 22+ Years HVAC Industry Experience
- B.sc in Mechanical Engineering, IUT
- From Residential Model School & College
- Life Fellow Member of IEB
- Member ASHRAE

The visionary founder of Tritech, with over 20 years of expertise in the mechanical industry, Mr Rahman has been a driving force behind the company's success. A distinguished graduate in Mechanical Engineering from the renowned Islamic University of Technology (IUT), he is a recognized authority in HVAC sector. His unwavering commitment to innovation, sustainability, and business growth continues to guide Tritech's leadership position in the HVAC-R industry. Through his strategic direction and industry knowledge, he remains instrumental in shaping the future of the company.



**ABU AL  
MOTALIB RAJU**  
DIRECTOR

- 22+ Years HVAC Industry Experience
- B.sc in Mechanical Engineering, IUT
- From Residential Model School & College
- Life Fellow Member of IEB
- Member ASHRAE

An accomplished HVAC-R specialist with more than 20 years of experience in the mechanical industry, Mr Raju spearheads the company's industrial, food, and pharmaceutical HVAC solutions. With advanced factory training from world-leading brands and a distinguished role as a current Board of Governors member for the ASHRAE Bangladesh Chapter, he is a recognized expert, solidifying his reputation as a key leader in Bangladesh's HVAC-R industry. His expertise in the industrial HVAC is driving Tritech to the next level of excellence.

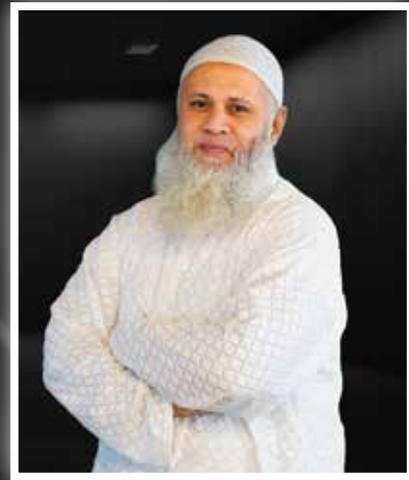
# BOARD OF DIRECTORS



**RAJIB RAIHAN**  
*DIRECTOR*

- 22+ Years HVAC Industry Experience
- B.sc in Mechanical Engineering, IUT
- From Faujdarhat Cadet College
- Life Fellow Member of IEB
- Member ASHRAE

Renowned for his exceptional academic and industry credentials, Mr Raihan is a highly skilled and disciplined HVAC professional. Beginning his education at Faujdarhat Cadet College, he went on to earn a degree in Mechanical Engineering from the prestigious Islamic University of Technology (IUT). As Bangladesh's first factory-trained VRF engineer, he leads the company's commercial HVAC solutions. His expertise and leadership are further demonstrated through his tenure as a Board of Governor of the ASHRAE Bangladesh Chapter.



**SHEIKH  
ASHEQUR RAHMAN**  
*DIRECTOR*

- 25+ Years of Corporate Experience
- MBA in MIS
- Served Maersk Line as GM
- From Residential Model School & College
- A Danish Citizen with Global Experience

A distinguished multinational expert and Danish citizen, Mr Rahman brings over 27 years of experience to his leadership role at Trittech. Formerly the General Manager at A.P. Moller-Maersk, a globally renowned Danish shipping and logistics company, Mr. Rahman is recognized for his ability to drive technological advancements and innovation on a global scale. His strategic leadership and profound expertise have been instrumental in positioning Trittech as a modern, competitive leader in the HVAC industry.

# STRATEGIC LEADERSHIP TEAM



## IFTEHAJUL HAQUE AQUIB

- Head of Business, Food & Pharma
- 10+ Years HVAC Experience
- B.sc in Mechanical, IUT
- Member of IEB

With 10+ years of hands-on experience, Mr. Aquib leads HVAC-R for food and pharma with unmatched precision. A mechanical engineer from IUT, he is trusted for delivering cleanroom systems that meet the strictest industry standards, including for names like Square Pharma.

## MIRAJUL ISLAM

- Head of Business, Commercial
- 15+ Years HVAC Experience
- B.sc in Mechanical, KUET
- Member of IEB

Over 18 years in commercial HVAC-R have shaped Mr. Miraj into a go-to expert for sustainable, high performance systems. His sharp sector insights and result-driven approach continue to position Tritech as a trusted partner in Bangladesh's evolving commercial landscape.

## MD SHAJAHAN SHARIF

- Head of Business, Government
- 12+ Years in Corporate
- BBA & MBA, University of Dhaka
- From Notre Dame College

With 12+ years in marketing & business strategy, Mr. Sharif drives Government HVAC-R with a clear focus on service excellence. Backed by a BBA and MBA from Dhaka University, he brings structure, vision, and client-first thinking to complex public projects.

## SM FUAD

- Head of Business, Industrial
- 12+ Years HVAC Experience
- B.sc in Mechanical, CUET
- Member of IEB

Mr. Fuad brings 12+ years of industrial HVAC-R expertise, with a reputation built on detail, safety and smart delivery. From heavy-duty systems to tailored plant solutions, his work powers some of Bangladesh's largest and most demanding industrial setups.

# STRATEGIC LEADERSHIP TEAM



## MOHAMMAD SAIFUL ISLAM

- Chief Financial Controller
- 17+ Years of Expertise in Banking
- MBA in Finance, MA in Islamic Studies

With 17 years in banking and finance, Mr. Saiful anchors Tritech's financial direction. His experience in Shariah-compliant and investment models adds depth to the company's long-term planning. Every financial move is grounded, strategic and future focused.

## MOHAMMED ARIFUL HAQUE

- Team Leader (PMC)
- 20+ Years of Engineering Experience
- B.Sc in EEE, IUT, Member of IEB

20 years of engineering and project control experience power Mr. Arif's leadership in the PMC team. From cost control to execution, he connects planning with delivery. His work keeps projects efficient, timely and aligned with Tritech's business goals.

## MIR MAMUN REZA KHAN

- Team Leader, Admin & HR
- 21+ years of HR experience
- 10+ years in the HVAC industry

Mr. Mamun brings 21 years of HR and admin experience with a people-first mindset that shapes Tritech's team culture. Since 2014, his leadership has kept operations structured and responsive, creating an environment where people and systems perform together.

## RAHMAN RAJIB MAHMOOD

- Head of Business, R4S
- 11+ years of corporate experience
- B.Sc, Central Queensland University, Australia.

With 9 years in technical sales and HVAC service, Mr. Rajib leads RAS with sharp client focus. Backed by global training and business insight, he ensures that after-sales solutions are dependable, responsive and built around long-term customer value.

# VERSATILE AND TALENTED TEAM LEADERS



**NURUZZAMAN TANISH**  
HEAD OF ENGINEERING



**HARUN UR RASHID**  
DEPUTY HEAD OF ENGINEERING



**MAKSUD SARKER**  
TEAM LEADER  
ESTIMATION, QUOTATION AND  
TENDERING



**TANVIR HASAN KHAN**  
TEAM LEADER  
PROJECT IMPLEMENTATION



**MAHADI HASAN**  
SENIOR ENGINEER  
DESIGN & DRAWING



**ABUL KASHEM**  
SENIOR ENGINEER  
DESIGN & DRAWING



**HUMMAIRA ANZUM NOUSHIN**  
ASSISTANT MANGER  
HR & ADMIN



**MD NAZMUL HAQUE**  
SENIOR EXECUTIVE  
BRANDING & COMMUNICATION

# VERSATILE AND TALENTED TEAM LEADERS



**JANNATUL ADAN FAISSAL**  
TEAM LEADER  
HR & ADMIN



**NAFE UL HAQUE**  
TEAM LEADER  
SCM



**FAYAZUR RAHMAN**  
TEAM LEADER  
PROJECT DESIGN



**ROKEYA AKTER**  
DEPUTY MANAGER  
SALES



**MASUM BILLAH**  
DEPUTY GENERAL MANAGER  
SALES



**SALMAN RAFI**  
SENIOR EXECUTIVE  
PROJECT PLANNING



**TABASSUM HAQUE**  
EXECUTIVE  
PROJECT PLANNING



**MD ABIR HOSSAIN**  
DEPUTY TEAM LEADER  
PROJECT IMPLEMENTATION

# ***DYNAMIC AND DEDICATED TEAMS***



## **DESIGN AND DRAWING TEAM**

Tritech's in-house HVAC-R design team includes over 25 skilled engineers who graduated from top universities like BUET, CUET, IUT, and MIST. They specialize in creating accurate, customized solutions. With strong technical knowledge and skill, they design systems that match project goals, meet client needs, and use the latest industry innovations.

# ***DYNAMIC AND DEDICATED TEAMS***

## **PROJECT PLANNING AND QUALITY CONTROL TEAM**

The planning team, led by graduate engineers, ensures that every project stays on track. From scheduling to coordination, they manage the process with accuracy and structure, enabling smooth transitions from design to execution and delivering with quality that aligns with client timelines and expectations.

## **PROJECT IMPLEMENTATION TEAM**

30 engineers power the Project Implementation team, with a strong mix of professionals having over 4 and even upto 10 years of hands-on experience. They oversee construction, enforce standards, and maintain steady progress, ensuring each project is carried out with discipline, technical oversight, & end-to-end accountability.

## **ACCOUNTS TEAM**

A dedicated team of experienced professionals takes care of all account-related tasks, making sure everything runs smoothly and efficiently.

# ***DYNAMIC AND DEDICATED TEAMS***



## **EQT TEAM**

The estimation and quotation team prepares accurate pricing that fits client needs while ensuring top-quality standards every time.

## **SCM TEAM (LOCAL & IMPORT)**

The SCM (Local & Import) team ensures seamless flow—from sourcing to site. While the local team manages day-to-day supply chains with clockwork precision, the import team handles global coordination and compliance, securing critical components on time. Together, they maintain continuity, reduce delays, and keep every project moving without disruption.



## **SALES TEAM**

We refer to our sales team as Key Account Managers (KAM). They connect needs to solutions, offering guidance from the first discussion to after-sales support. With focused interaction and dependable follow-through, they navigate each requirement clearly, ensuring informed choices and consistent service long after the deal is done.



# ***DYNAMIC AND DEDICATED TEAMS***



## **BRANDING TEAM**

Our branding team steers how we're perceived, translating insight into strategy and communication into direction. They support both internal alignment and customer understanding, delivering narratives that inform, influence, and leave lasting relevance behind every impression.

## **TAC TEAM**

TAC is our dedicated single contact point for all sort of customer queries and service follow-ups. It provides quick, reliable answers and coordinated support, guiding clients through specifications, ensuring no question goes unanswered and no issues go unattended



# VENTURES AND GROWTH





# EMPOWERING VENTURES FOR SUSTAINABLE GROWTH



Tritech Holdings is a value-driven group of company leading diverse ventures in HVAC engineering, real estate, food, technology, and industrial manufacturing. Guided by integrity and innovation, it unites its sister concerns under a shared vision of sustainable growth and collective progress — empowering every business to thrive together with trust, purpose, and excellence.



## TRITECH BUILDING SERVICES LTD

Bangladesh's leading HVAC provider, delivering complete heating, ventilation, and air conditioning solutions for commercial, industrial, healthcare, hospitality, and government projects across the country.



## TRITECH ACMV ENGINEERING COMPANY

ISO-certified HVAC experts, specializing in tender projects, large-scale solutions, and sourcing top equipment from around the world.



## R4S TECHNICAL SOLUTIONS LTD

A dedicated HVAC service and maintenance company, providing end-to-end support across systems and sectors. From diagnostics to repairs, scheduled servicing to spare parts, R4S ensures uninterrupted performance and efficiency.



# EMPOWERING VENTURES FOR SUSTAINABLE GROWTH



## **STERKTECH**

### **STERKTECH METAL INDUSTRIES LTD**

Focused on the production of HVAC ducts, metal accessories, and structural materials, Sterktech supplies the essential components that power efficient system integration across industrial and construction projects. Helping Tritech deliver even stronger and more reliable solutions.



### **VISTANEX HOLDINGS LTD**

A real estate and development company focused on construction, government KPI projects, and commercial spaces, delivering sustainable and well-planned solutions built for long-term value.

# ***FLAGSHIP HVAC-R COMPANY: TRITECH BUILDING SERVICES LTD.***

## **DELIVERING THE MOST RELIABLE HVAC SOLUTIONS FOR EVERY INDUSTRY**

Tritech Building Services Ltd provides high-quality HVAC solutions for hotels, hospitals, schools, shopping malls, garment factories, pharmaceutical plants, and eco-friendly (LEED-certified) factories.

**LARGEST  
ENGINEERING TEAM  
FOR COMPLEX PROJECTS**

**DELIVERED SIGNIFICANT  
NUMBER OF 1000+ TR  
HVAC PROJECTS**

**ROBUST  
AFTER-SALES TEAM FOR  
SEAMLESS OPERATIONS**

**PIONEER OF VRF  
TECHNOLOGY IN BANGLADESH**



**TRITECH<sup>®</sup>**



**REACHING EVERY CORNER, DELIVERING  
THE BEST HVAC SOLUTIONS**

With projects all over Bangladesh, Tritech's expert engineering team delivers reliable and efficient HVAC solutions for every industry, in every part of the country.

**OFFERING COMPLETE  
HVAC SOLUTIONS  
ACROSS THE NATION**



# **SPECIALIZED ENGINEERING ARM: TRITECH ACMV ENGINEERING COMPANY**



## **THE ULTIMATE HVAC TENDER SPECIALIST IN BANGLADESH**

Tritech ACMV Engineering Company is a leader in the HVAC tender market with unmatched expertise. We're one of the most reliable providers of VRF AC systems, all types of chillers, AHU - FCU and ventilation solutions.

**AN ISO CERTIFIED  
HVAC PROVIDER**

**PIONEER OF  
OIL-FREE CHILLER  
TECHNOLOGY IN  
GOV PROJECT**

**EXPERT IN  
DESIGN BUILD  
TURNKEY PROJECTS**

**50 CRORE+  
SINGLE WORK ORDER  
HVAC EXPERIENCE**



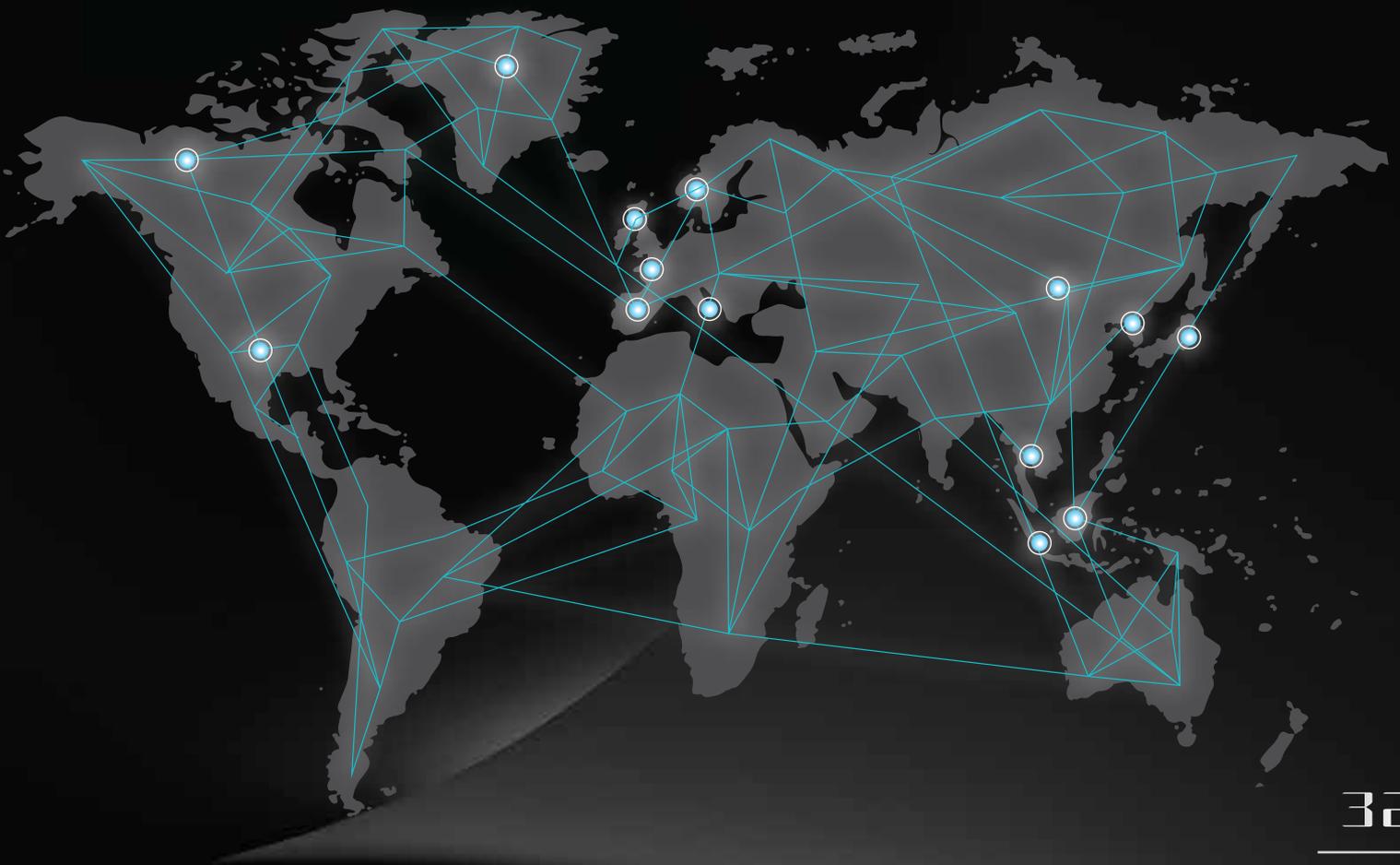
# **TRITECH ACMV ENGINEERING COMPANY**

## **YOUR GLOBAL HVAC SOURCING PARTNER**

Tritech ACMV renowned for its global sourcing expertise, simplifies complex HVAC procurement by sourcing any system from anywhere in the world, as per your project needs.

## **SOURCING PREMIUM HVAC-R MACHINES FROM GLOBAL MANUFACTURERS**

**Denmark | Japan | South Korea | Spain | Australia | Singapore | UK  
Thailand | Czech Republic | Malaysia | USA | Canada | China | Italy**





## **TECH-DRIVEN SERVICE PROVIDER: R4S TECHNICAL SOLUTIONS LTD.**



### **FAST, ACCURATE, AND MOST RELIABLE HVAC SERVICE TEAM**

R4S, a sister concern of Tritech, is the leading HVAC after-sales service provider in Bangladesh. It offers fast and expert support for all Tritech clients and HVAC systems. Powered by Tritech's smart support system, R4S makes sure every customer query is handled quickly and correctly.

**200+ SKILLED WORKFORCE**

**USING MODERN SERVICING  
TOOLS & EQUIPMENTS**

**READILY AVAILABLE SPARE PARTS**

**USING AN AUTOMATED SERVICE PORTAL WHERE  
CLIENTS GET FULL SUPPORT ACCESS**

**TRITECH<sup>®</sup>**



# R45 CORE SERVICING LINES



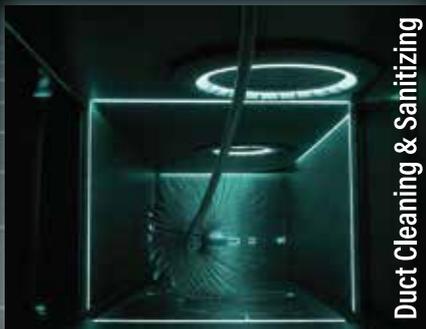
Chiller Troubleshoot  
& Servicing



VRF Troubleshoot  
& Servicing



Genuine Spare Parts



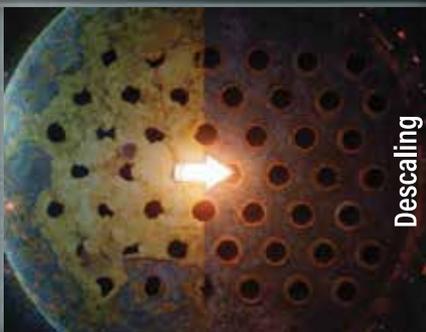
Duct Cleaning & Sanitizing



Water Quality Management



Anti Corrosion Treatment



Descaling



Installation Works



Annual Maintenance  
Contract (AMC)

# 3 SPECIALTIES AND EXPERTISE



- 1. Commercial HVAC**
- 2. Industrial HVAC**



**3. Food and Pharma HVAC**  
**4. Cold Chain and Refrigeration**

# **COMPREHENSIVE COMMERCIAL HVAC EXCELLENCE**

## **COMPLETE HVAC SOLUTIONS FOR ALL TYPES OF COMMERCIAL AND GOVERNMENT SPACES**

From top hotels and busy shopping malls to modern hospitals, educational, and office buildings — we provide reliable HVAC solutions that ensure comfort, efficiency, and smooth operation for all types of commercial and government spaces.

**INTRODUCED  
1ST OIL FREE CHILLER  
IN HOSPITAL INDUSTRY**

**DELIVERED  
MOST NUMBER OF  
HOTEL PROJECTS**

**HANDED OVER LARGEST  
EDUCATION PROJECT FOR  
BRAC UNIVERSITY (4,000 TR)**

**TRITECH<sup>®</sup>**

# **TRITECH'S COMMERCIAL HVAC EXPERTISE**

## **SHOPPING MALL**

Expert HVAC design and maintenance  
Energy-efficient cost-saving solutions  
Custom zone control for comfort

## **GOVERNMENT ESTABLISHMENTS**

Customized HVAC solutions  
Energy-efficient, smart systems  
Sustainable, low-carbon practices



## **HOSPITAL**

Specialized HVAC for infection control  
HEPA and UV systems for safety  
Automated controls for critical areas

## **COMMERCIAL BUILDINGS**

Custom HVAC design for ultimate comfort  
Advanced ventilation for air quality  
Energy management to reduce costs

## **HOTELS**

Maximum guest comfort  
Energy-efficient solutions to cut costs  
Smart tech for remote control



## **EDUCATIONAL BUILDINGS**

Custom HVAC for student comfort and learning.  
Advanced ventilation for clean air.  
Energy management to cut costs.



# **ROBUST INDUSTRIAL HVAC CAPABILITIES**

## **EFFICIENT HVAC SOLUTIONS FOR EVERY INDUSTRIAL NEED**

Our industrial HVAC solutions are designed to save energy & support green technology. We work with all kind of LEED-certified factories, garment industries, washing and textile units spinning mills, Printing-packaging factories, power plants, & jacquard factories—delivering reliable and sustainable systems that meet their specific industrial needs.

**VAST EXPERIENCE OF  
DIFFERENT INDUSTRIAL  
PROJECT NEEDS**

**COGENERATION  
TECHNOLOGY EXPERT**

**HAVE COMPLETE  
COMPLIANCE KNOWLEDGE  
ON INDUSTRIAL NEEDS**

**MULTINATIONAL  
INDUSTRY EXPERIENCE**

**TRITECH<sup>®</sup>**

# TRITECH INDUSTRIAL APPLICATION EXPERTISE

## **JACQUARD FACTORY**

Ensure product quality with precise HVAC control  
Maintain optimal humidity to prevent laps and brittleness  
Tailor temperature with precise zone control



## **GARMENTS & TEXTILE FACTORY**

Custom HVAC for production needs  
Advanced ventilation for superior air quality  
Energy management to reduce costs



## **COGENERATION SOLUTION**

World's most efficient Japanese cogeneration chillers  
Centralized and remote energy monitoring  
Flexible solutions enhancing efficiency

## **LEED FACTORY HVAC**

HVAC solutions for LEED-certified factories  
Green compliance with energy modulation systems  
Smart tech for remote HVAC monitoring

## **ANY INDUSTRIAL HVAC SOLUTIONS**

Tailored HVAC solutions for strict regulations  
Dedicated industrial HVAC division  
Specialized ventilation solutions



# **SPECIALIZED FOOD & PHARMA HVAC-R EXPERTISE**

## **cGMP COMPLIANT HVAC SOLUTIONS FOR FOOD AND PHARMA INDUSTRY**

Tritech delivers HVAC systems that meet cGMP and ISO standards, ensuring the right temperature, humidity, & air quality for pharmaceutical & food facilities. Our solutions are energy-efficient, safe, reliable, & designed to support smooth & high-quality operations.

**SEPARATE  
FOOD & PHARMA  
ENGINEERS & HVAC EXPERTS  
FOR RELIABLE SOLUTION**

**DESIGN BUILD  
HVAC SOLUTION  
FOR FOOD & PHARMA  
MANUFACTURING FACILITY**

**OFFERING COMPLETE  
PHARMA HVAC SOLUTION INCLUDING  
BMS, CLEAN ROOM PANEL & EQUIPMENTS  
& MULTI SPECIALTY CHILLER SOLUTIONS**

# **TRITECH FOOD & PHARMA APPLICATION EXPERTISE**



## ***PACKAGING ROOM DEHUMIDIFICATION***

Custom dehumidification solutions  
High-capacity dehumidifier installation  
Integration with existing HVAC systems  
Humidity monitoring and control



## ***TURNKEY CLEANROOM SOLUTION***

Design and install cleanroom HVAC systems  
Compliance with ISO and FDA standards  
Integration of HEPA filtration  
Monitor air quality parameters



## ***RESEARCH & LABORATORY FACILITY***

Specialized HVAC for pharma labs  
Compliance with cGMP and FDA  
HEPA filtration and air sterilization  
Validation for regulatory compliance



## ***BAKING INDUSTRY***

Optimize temperature and humidity control  
Energy-efficient technologies  
Specialized ventilation systems  
Compliance with food safety regulations

## ***FOOD PRESERVATION***

Custom HVAC for food preservation  
Precise temperature and humidity control  
Specialized refrigeration systems  
Compliance with food safety standards

# **COMPLETE COLD CHAIN & REFRIGERATION SOLUTION**

## **PRESERVING QUALITY WITH PRECISE REFRIGERATION**

Offering energy-efficient cold room and refrigeration solutions designed to preserve product quality, ensure regulatory compliance, and meet the critical demands of the food, beverage, and pharmaceutical industries with precision, reliability, and sustainability.



**A TO Z COLD ROOM  
SOLUTION FOR  
ANY INDUSTRY**

**COMPACT COLD ROOMS  
FROM 100 TO 1000 LITRES**

**TRITECH<sup>®</sup>**

# COLD CHAIN & REFRIGERATION SOLUTION



FRUITS AND VEGETABLES



HORTICULTURE



ICE CREAM



DRY FRUITS



HOSPITALITY



BAKERY PRODUCTS



FROZEN FOOD



PHARMACEUTICAL AND CHEMICAL

PUF PANEL THICKNESS: 60, 80, 100, 125, 150, 200 MM

APPLICATION: *Storage of Frozen Food-Vegetables, Ice Cream, Horticulture, Pharmaceutical, Chemical, Dairy-Bakery, Dry Fruits*

TEMPERATURE:  $-20^{\circ}\text{C}$  TO  $+10^{\circ}\text{C}$

## COLD CHAIN SOLUTIONS



SOURCE



PRE COOLING



MOBILE PRE COOLING



GRADING & SORTING



STORAGE



BLAST CHILLING



PACKING



BLAST FREEZING



MARKET DISTRIBUTION



DISPLAY MARKET

# 4 PRODUCTS AND SOLUTIONS





**LG**  
MULTI V 5

**DAIKIN**  
VRV 5  
Average

**KAWASABI**

**MARDT**

# **ADVANCED VRF AIR CONDITIONING SYSTEMS**

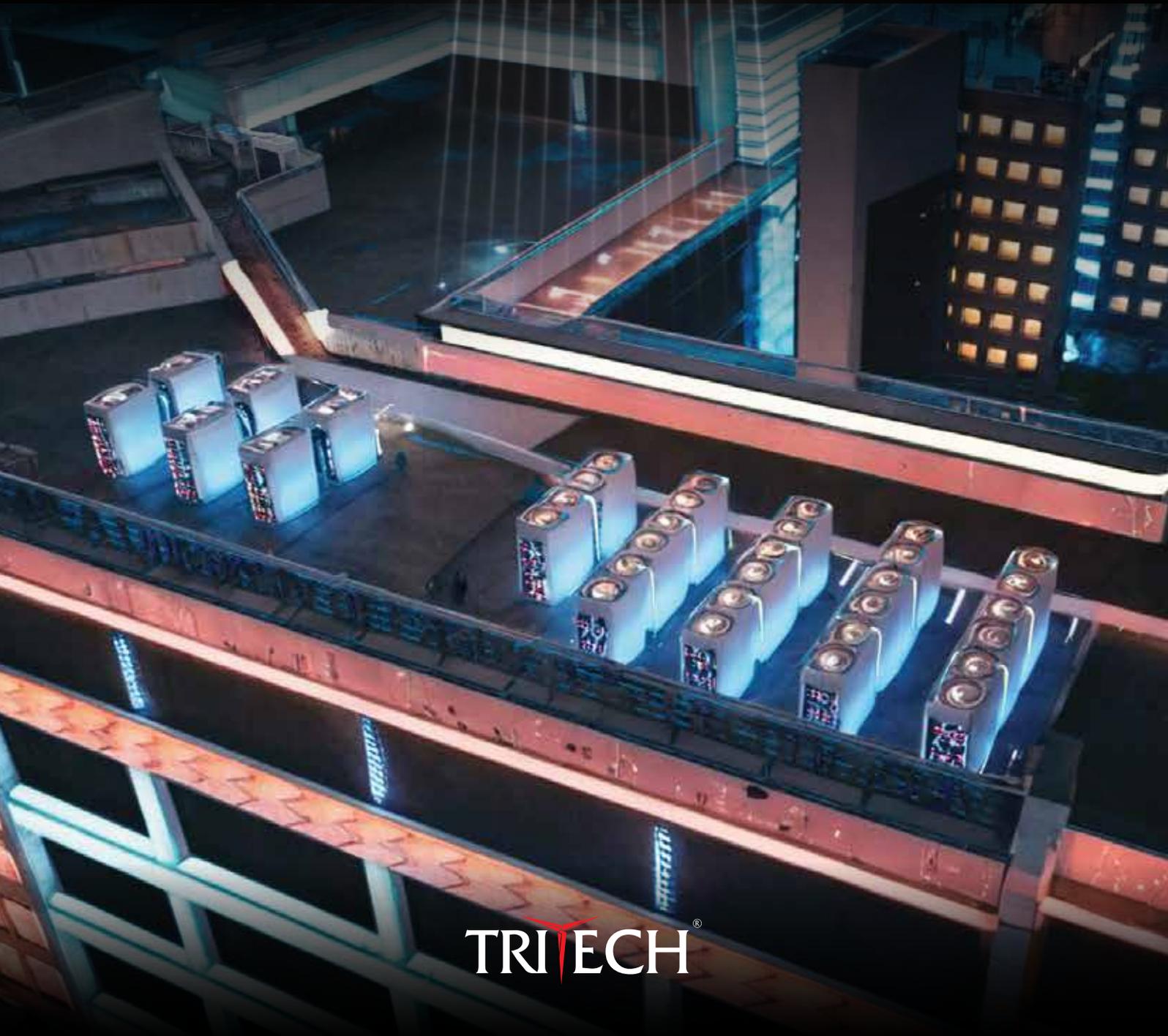
**1<sup>ST</sup> & BEST VRF PROVIDER IN BANGLADESH**

As the first to introduce VRF, we deliver energy-efficient, scalable, and space-saving HVAC solutions. VRF ensures precise temperature control, reduces energy costs, and enhances comfort, making it ideal for both commercial and industrial spaces.

**MOST NUMBER OF 1000+ TON  
VRF AC EXPERIENCE**

**INTRODUCED 1<sup>ST</sup> VRF AC  
IN HOSPITALITY INDUSTRY**

**READY STOCK WITH  
SPARE PARTS AVAILABILITY**



**TRITECH<sup>®</sup>**

# TRITECH REPRESENTS GLOBAL TOP VRF BRANDS



*Pioneer of VRV Technology*

Flexible design & easy installation  
Equipped with VRT Smart Control



*The Only First World Country Made VRF in Bangladesh*

World's first VRF with dual sensing control technology.  
Low-noise performance.



*World's No. 1 Air Treatment Brand*

VRF V8 technology with 28% higher efficiency.  
Expertise in 1000+ ton projects in Bangladesh.



*A Century Old Air Conditioning Brand from USA*

Cooling Capacity Starts from 8 to 96 HP  
180° Sine Wave Inverter Technology



# ***NEXT-GEN SMARTD OIL-FREE CHILLER SOLUTIONS***

**GLOBAL #1 OIL FREE CHILLER FOR MOST  
ENERGY EFFICIENT SOLUTION**

Experience the future of cooling with Smardt Oil-Free Chillers, exclusively from Tritech. Combining energy efficiency, low operating costs, and unmatched reliability, these advanced solutions cater to commercial, industrial, food, and pharmaceutical sectors, perfectly tailored to meet any facilities unique demands.

*40 TO 530 TR CAPACITY  
FOR AIR COOLED CHILLERS*



*45 TO 3600 TR CAPACITY  
FOR WATER COOLED CHILLERS*

**TRITECH<sup>®</sup>**

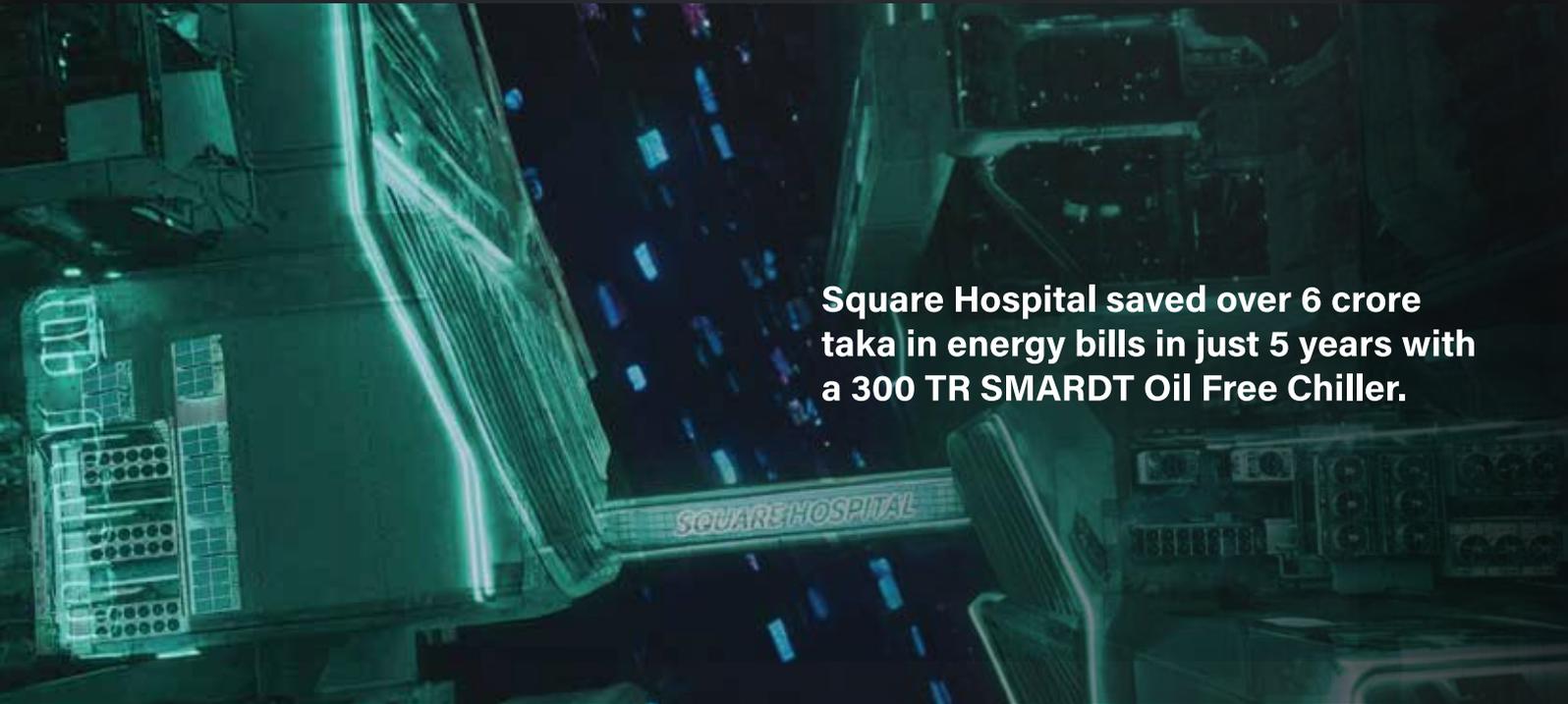
**SMARTD**

# SMARTD

**15,000+ INSTALLATION  
WORLDWIDE**

**PIONEER OF THE OIL FREE  
MAGNETIC BEAR CHILLER  
TECHNOLOGY**

**ENERGY EFFICIENCY IS UP TO 50%  
GREATER THAN OIL-LUBRICATED CHILLERS**



**Square Hospital saved over 6 crore  
taka in energy bills in just 5 years with  
a 300 TR SMARTD Oil Free Chiller.**

**SMARTD Chillers' exceptional  
energy savings helped Mobil  
House achieve the prestigious  
LEED Platinum Certification.**



# **HIGH-PERFORMANCE DUNHAM-BUSH ELECTRIC CHILLERS**

**USA'S MOST TRUSTED COOLING SOLUTION  
FOR 130 YEARS**

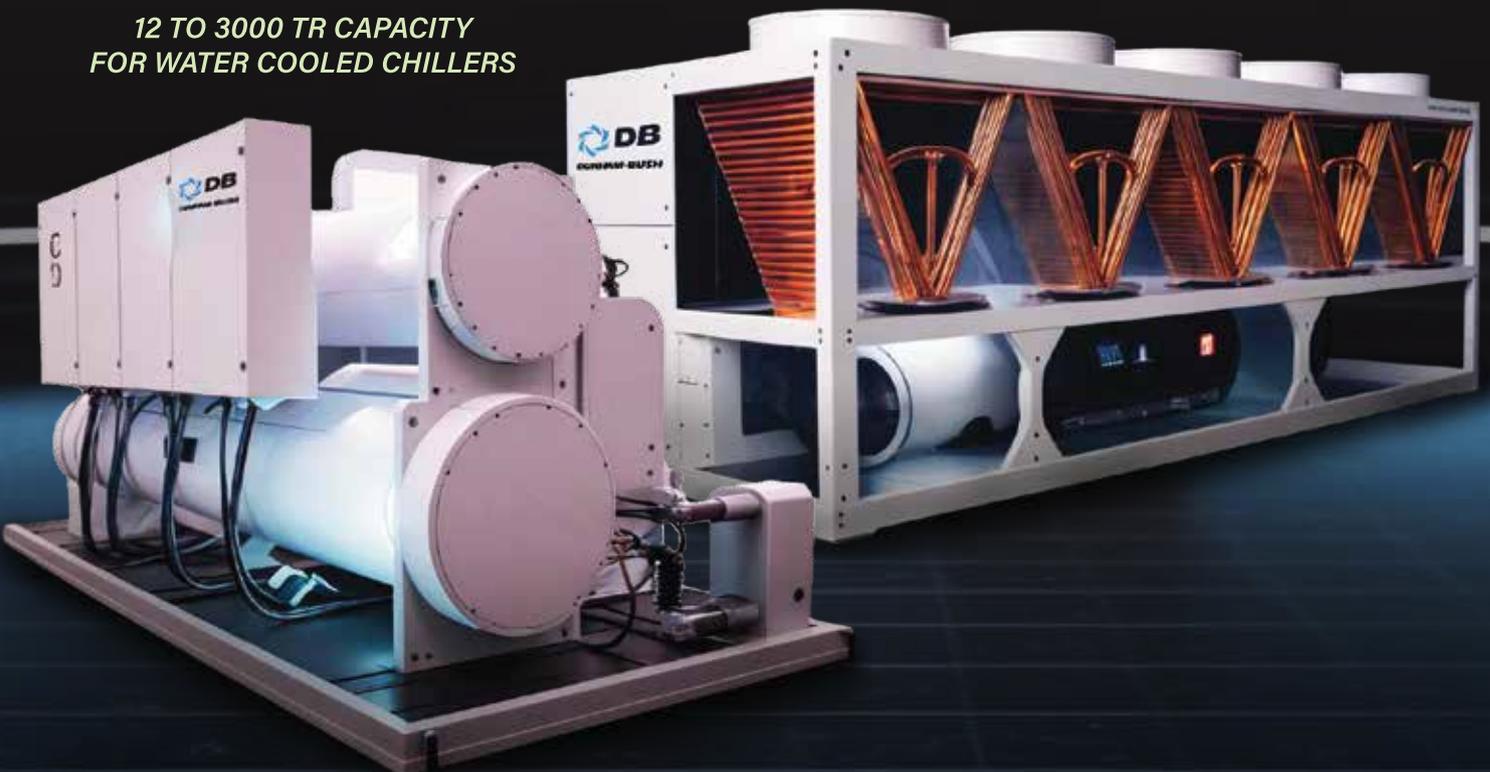
Dunham Bush chillers deliver superior energy efficiency, reliability, and advanced technology. With a wide range of options, quiet operation, and easy maintenance, they are ideal for diverse cooling needs. Backed by strong global support, they ensure long-term performance and cost-effectiveness.

**PIONEER IN SCREW  
CHILLER TECHNOLOGY**

**AHRI CERTIFIED CHILLER  
BRAND FROM USA**

**12 TO 3000 TR CAPACITY  
FOR WATER COOLED CHILLERS**

**10 TO 548 TR CAPACITY  
FOR AIR COOLED CHILLERS**



**TRITECH<sup>®</sup>**

**DB  
DUNHAM-BUSH**

# **TRUSTED DAIKIN ELECTRIC CHILLER SOLUTIONS**

## **WORLD'S NO. 1 AIR CONDITIONING BRAND FROM JAPAN**

As Bangladesh's leading HVAC chiller provider, Tritech brings you Daikin Chillers, renowned for innovation, efficiency, and performance. Engineered to cater to commercial, industrial, food, and pharmaceutical sectors, these chillers are designed to meet diverse cooling needs while ensuring sustainability and reliability.

**NO. 1 AIR SPECIALIST**

**100 YEARS OF  
AIR CONDITIONING EXPERIENCE**

*40 TO 3200 TR CAPACITY  
FOR WATER COOLED CHILLERS*

*30 TO 565 TR CAPACITY  
FOR AIR COOLED CHILLERS*



**DAIKIN**

# LONG LASTING KAWASAKI ABSORPTION CHILLERS

## WORLD'S MOST DURABLE ABSORPTION CHILLER FROM JAPAN

Engineered for sustainability, Kawasaki Absorption Chillers have delivered reliable performance for over 40 years. By converting waste heat into cooling energy, they reduce energy wastage by 40%. As the exclusive distributor in Bangladesh, Tritech brings 100% Japanese-manufactured chillers designed for efficiency and long-term industrial use.

**TWICE THE LIFESPAN  
OF COMPETITORS**

**SUPERIOR SEALING WITH  
JIS G3101 STANDARDS**

**10000+ INSTALLATION  
WORLDWIDE**

**HOT WATER ABSORPTION  
CHILLER (80 TR TO 500 TR)**



**STEAM OPERATED ABSORPTION  
CHILLER (80 TR TO 1000 TR)**



**DIRECT FIRED ABSORPTION  
CHILLER (80 TR TO 1000 TR)**



**GENE LINK ABSORPTION  
CHILLER (80 TR TO 1000 TR)**



**TRITECH**<sup>®</sup>

 **Kawasaki**

# **RELIABLE WORLD ENERGY ABSORPTION CHILLERS**

## **HYBRID ENERGY SOURCE ABSORPTION CHILLERS FROM SOUTH KOREA**

Tritech brings World Energy's absorption chillers, delivering efficient and reliable cooling with hybrid and exhaust gas-driven technology. Designed for stable temperatures, high heat recovery, and eco-friendly performance, these low-maintenance systems reduce energy consumption and operational costs while ensuring long-term productivity for industrial applications.

**ECO FRIENDLY REFRIGERANT  
WITH LOWER CARBON FOOT PRINT**

**LOW MAINTENANCE COST  
FOR LONG TERM SAVINGS**



*DOUBLE EFFECT EXHAUST GAS DRIVEN  
ABSORPTION CHILLER (50 TR TO 2000 TR)*



*DOUBLE EFFECT HYBRID  
ABSORPTION CHILLER  
(50 TR TO 2000 TR)*

# CUSTOM-BUILT AHU SOLUTIONS

## GET HIGH QUALITY RELIABLE AHU FROM GLOBAL TOP BRANDS

Air Handling Units ensure precise control of air quality, temperature, and humidity across industrial, commercial, and pharmaceutical environments. Tritech's AHUs deliver energy efficiency, reliability, and easy maintenance, meeting global standards and other critical applications.

**DX TYPE AHU WITH VRF OUTDOOR UNIT**

**AHU WITH IN BUILD DESICCANT DEHUMIDIFIER**



750 TO 56,000 CFM CAPACITY



588 TO 47,000 CFM CAPACITY



440 TO 65,000 CFM CAPACITY



200 TO 1,80,000 CFM CAPACITY



# **EFFICIENT VENTILATION SYSTEM SOLUTIONS**

## **OPTIMAL INDUSTRIAL VENTILATION FOR PEAK PERFORMANCE**

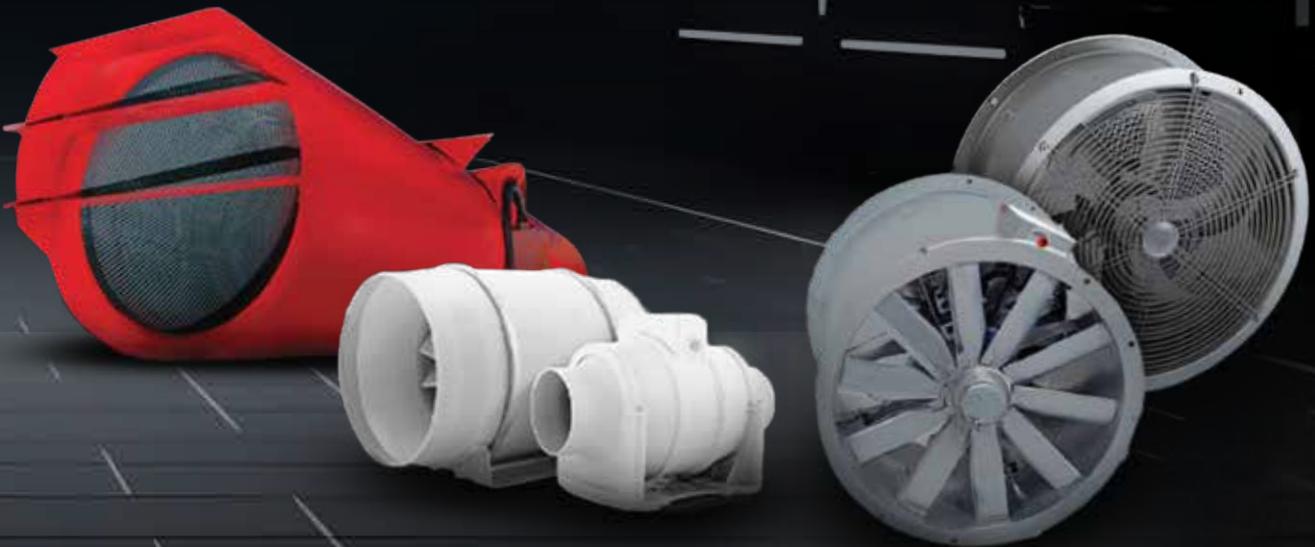
With expertise in airflow and heat management, Tritech delivers high-performance ventilation solutions for industrial spaces. Partnering with Kruger and Elta Fans, we provide in-house engineering, LEED-standard equipment, and consultancy for cooling, heat removal, and basement ventilation across projects of all capacities.

**ALL SORT OF COMMERCIAL VENTILATION  
LIKE CAR PARKING, BASEMENT VENTILATION**

**ALL SORT OF INDUSTRIAL VENTILATION  
FOR ANY INDUSTRIAL FACTORY**

**ANY INDUSTRY LEED CERTIFIED  
VENTILATION SOLUTION**

**KRUGER**



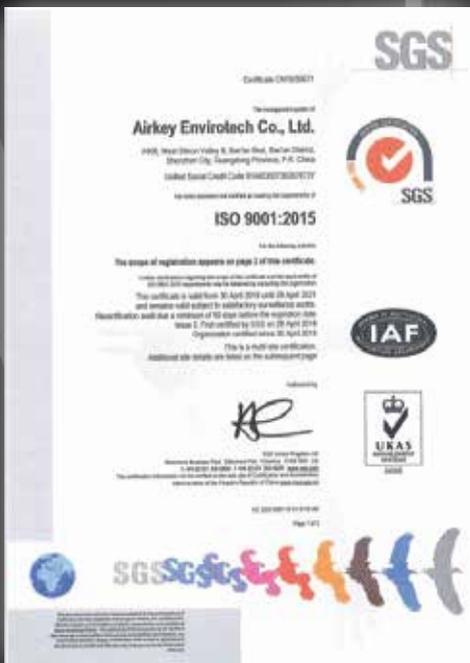
# PRECISION CLEAN ROOM SOLUTIONS

## ENSURING CLEAN AND CONTROLLED ENVIRONMENTS FOR EVERY INDUSTRY

Tritech offers cleanroom solutions for pharmaceuticals, electronics, and food industries, meeting cGMP standards. Our cleanroom doors, view panels, and sandwich panels and equipments provide durability, safety, and contamination control, ensuring reliable and compliant operations.



CLEANROOM DOOR & VIEW PANEL



**CERTIFIED CLEAN ROOM SOLUTIONS FROM GLOBAL TOP BRANDS**

**TRITECH**<sup>®</sup>

**AIRKEY**

# COMPLETE SET OF QUALITY CLEAN ROOM PRODUCTS



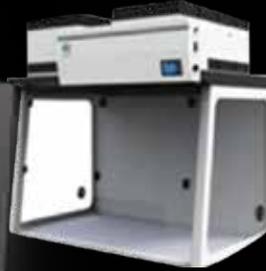
**BIBO UNIT**



**AIR SHOWER**



**GOODS  
AIR SHOWER**



**BIBO UNIT**



**PASS BOX**



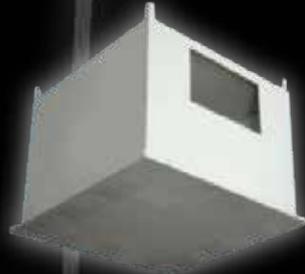
**BIOHAZARD  
CABINET**



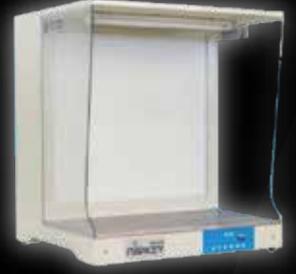
**SAMPLING BOOTH**



**MOBILE LAF**



**HEPA BOX**



**CLEAN BENCH**



**FAN FILTER UNIT**



**CLEANROOM  
FURNITURE**

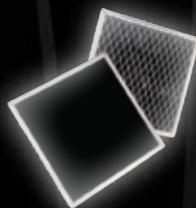
## HIGH-END AIR FILTERS FOR ANY REQUIRMENT



**PRIMARY FILTER**



**SECONDARY FILTER**



**CARBON FILTER**



**HEPA FILTER  
WITH SEPARATOR**



**HIGH TEMPERATURE  
RESISTANT HEPA FILTER**



**WOODEN FRAME TOP  
EFFICIENCY HEPA FILTER**



**HEPA/ULPA FILTER**



**V BANK AIR FILTER**

# HIGH-CAPACITY INDUSTRIAL DEHUMIDIFIERS

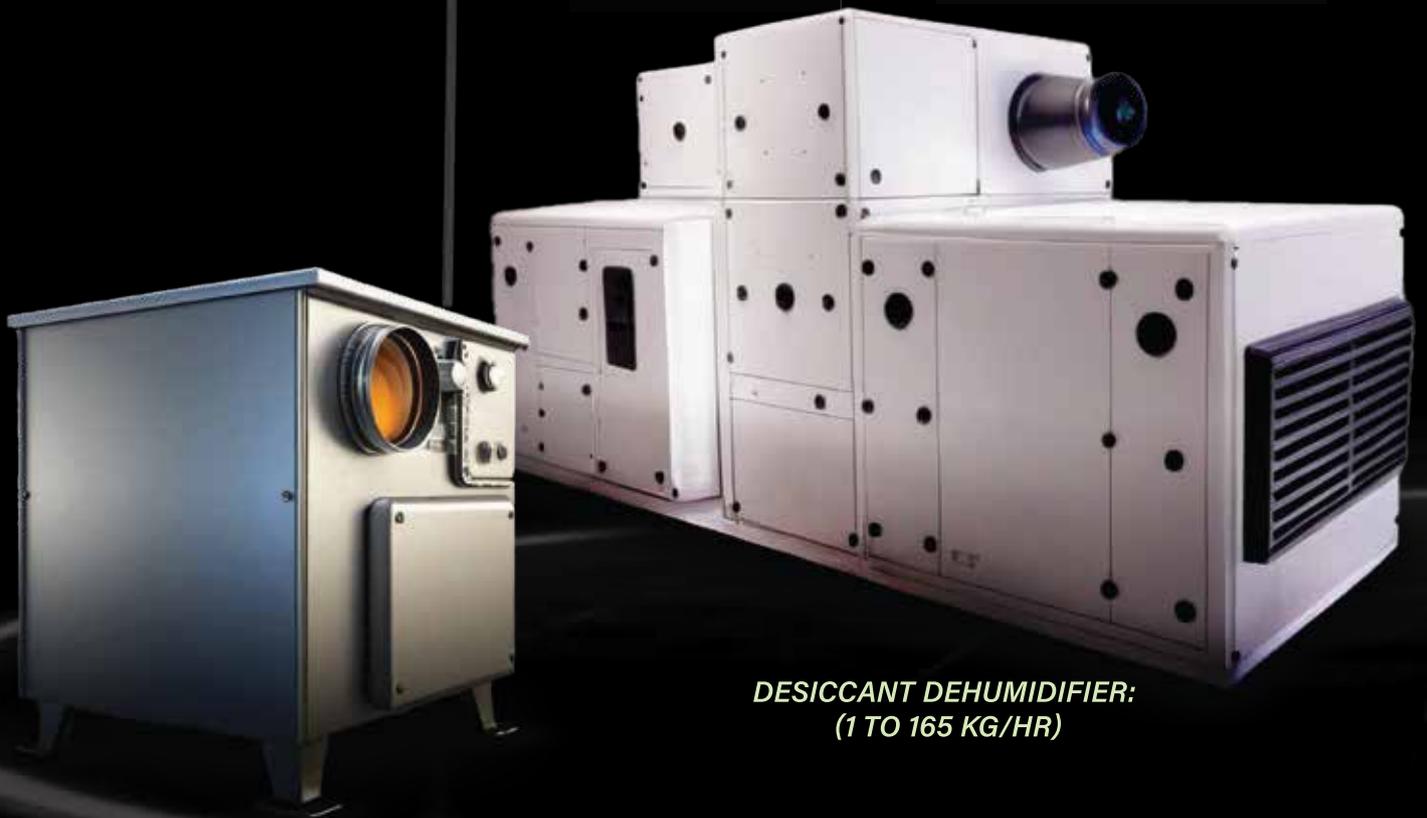
## INDUSTRIAL GRADE DEHUMIDIFIERS FOR SUPERIOR MOISTURE CONTROL

We provide high-quality industrial-grade dehumidifiers for all types of industries, ensuring reliable and efficient moisture control. Powered by globally trusted brands like Fisair, Yake and Hidew, our solutions help to protect product quality and ensure smooth operations with advanced technology and dependable performance.

**fisair**  
f

亚克  
**YAKE**

**HiDew**  
Dehumidifiers



REFRIGERANT DEHUMIDIFIER  
(2.5 TO 40 KG/HR)

DESICCANT DEHUMIDIFIER:  
(1 TO 165 KG/HR)

**TRITECH**<sup>®</sup>

# **FLEXIBLE FABRIC DUCTING SOLUTIONS**

## **TRITECH'S FABRIC DUCTS SMART SOLUTIONS FOR PERFECT AIRFLOW**

Tritech offers FabricAir ducts engineered for uniform air distribution, improving indoor air quality and energy efficiency. Designed for cooling, heating, and ventilation, these durable systems ensure draft-free comfort, even in low-ceiling spaces, delivering a smarter and more efficient airflow solution.

**CUSTOMISED DESIGN DUCT  
DRAFT FREE DISTRIBUTION  
WASHABLE AND LONG LASTING**

**SPECIALIZED FABRIC DUCTING APPLICATION**



**FOOD PROCESSING INDUSTRY**



**PHARMACEUTICAL INDUSTRY**



**SHOPPING CENTERS**



**FOOD MARKETS**



**WAREHOUSE & STORAGE FACILITIES**



**TEXTILE FACILITIES**

**FabricAir**

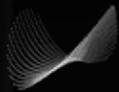
# DURABLE AND EFFICIENT EGB BOILER SYSTEMS

## EXPERIENCE GLOBAL TOP EGB BOILER SOLUTIONS

Tritech brings world-class Exhaust Gas Boilers, turning waste heat into energy-efficient steam and hot water while cutting fuel costs by up to 40%. Designed for lasting performance and sustainability, our lineup features industry-leading brands like Aprovis (Germany) and Yuanda (China) for unmatched efficiency and reliability.

**TOP QUALITY BOILER FOR  
LONG LASTING PERFORMANCE**

**ENERGY EFFICIENT DESIGN  
TO REDUCE OPERATION COST**



**APROVIS**



**远大锅炉**  
YUANDA BOILER



**TRITECH**<sup>®</sup>

# HEAVY-DUTY COOLING TOWER SYSTEMS

## HIGH-PERFORMANCE COOLING TOWER SOLUTIONS BUILT FOR INDUSTRIAL DEMANDS

As the leading Cooling Tower supplier in Bangladesh, Tritech delivers cutting-edge, durable solutions for demanding industrial and HVAC applications. With globally recognized brand Evapco, we ensure peak performance, long-term reliability, and unmatched efficiency across all cooling needs.

**ENGINEERED FOR  
INDUSTRIAL EXCELLENCE**

**RELIABLE & ENERGY  
EFFICIENT OPERATION**



# ***SUSTAINABLE CENTRAL HOT WATER SYSTEMS***

## **RELIABLE CENTRAL HOT WATER SYSTEMS FOR COMMERCIAL & INDUSTRIAL EXCELLENCE**

Since 2003, Tritech has been the most trusted provider of central hot water systems in Bangladesh—offering energy-efficient, heat pump-based solutions tailored for commercial and industrial applications. From luxury hotels, hospitals to large-scale facilities, we ensure consistent hot water supply with unmatched reliability.

**ENERGY-EFFICIENT HEAT  
PUMP TECHNOLOGY**

**LESS OPERATIONAL COST  
FOR CENTRAL HEATING SYSTEM**

**TRUSTED BY TOP HOTELS AND HOSPITAL LIKE HOTEL OCEAN PARADISE,  
SAYMAN BEACH RESORT, THE WAY DHAKA, SQUARE HOSPITAL AND MORE**



**TRITECH<sup>®</sup>**

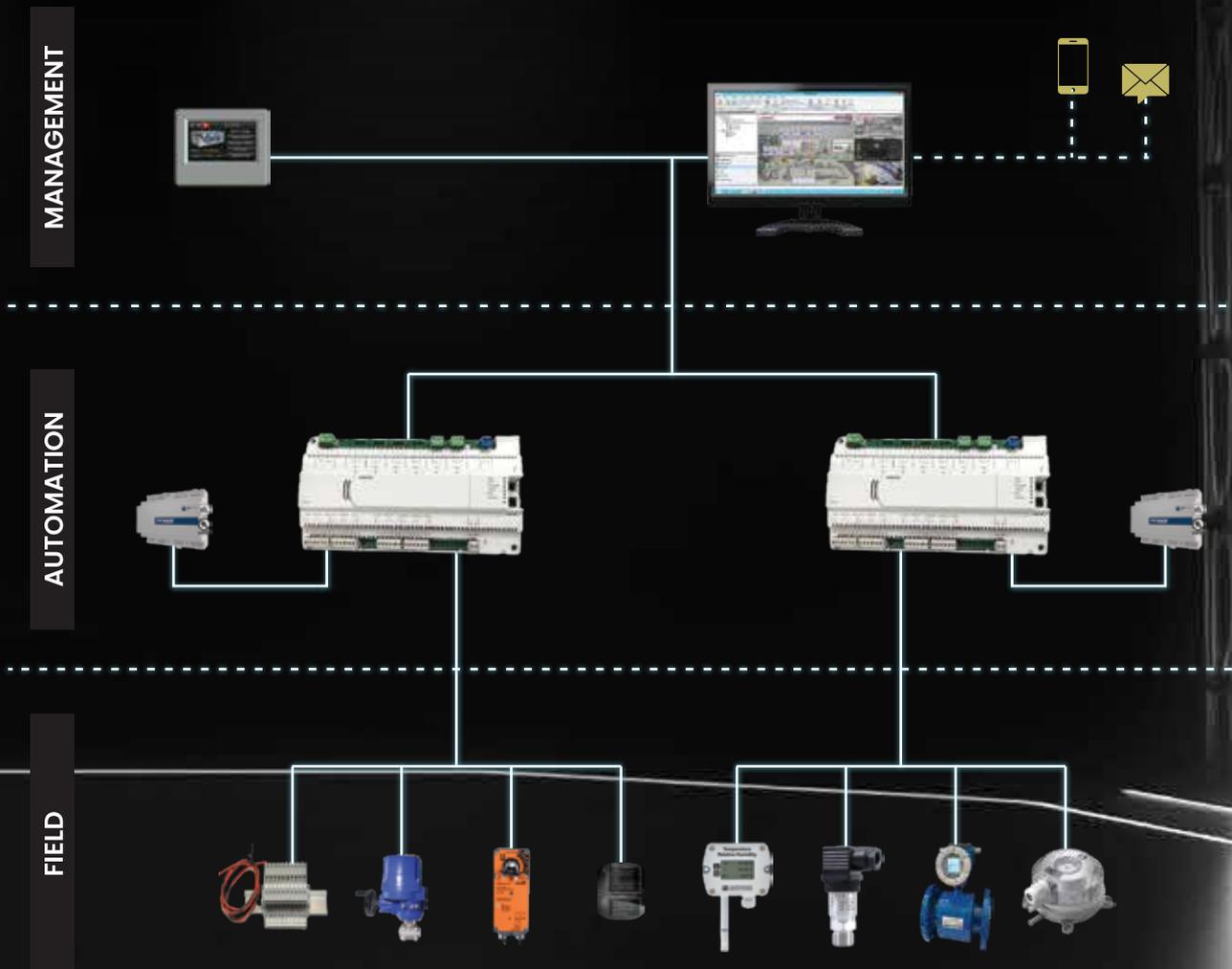
# INTELLIGENT BMS & EMS AUTOMATION SOLUTIONS

## SMART BUILDINGS START WITH TRITECH'S BMS & EMS SOLUTIONS

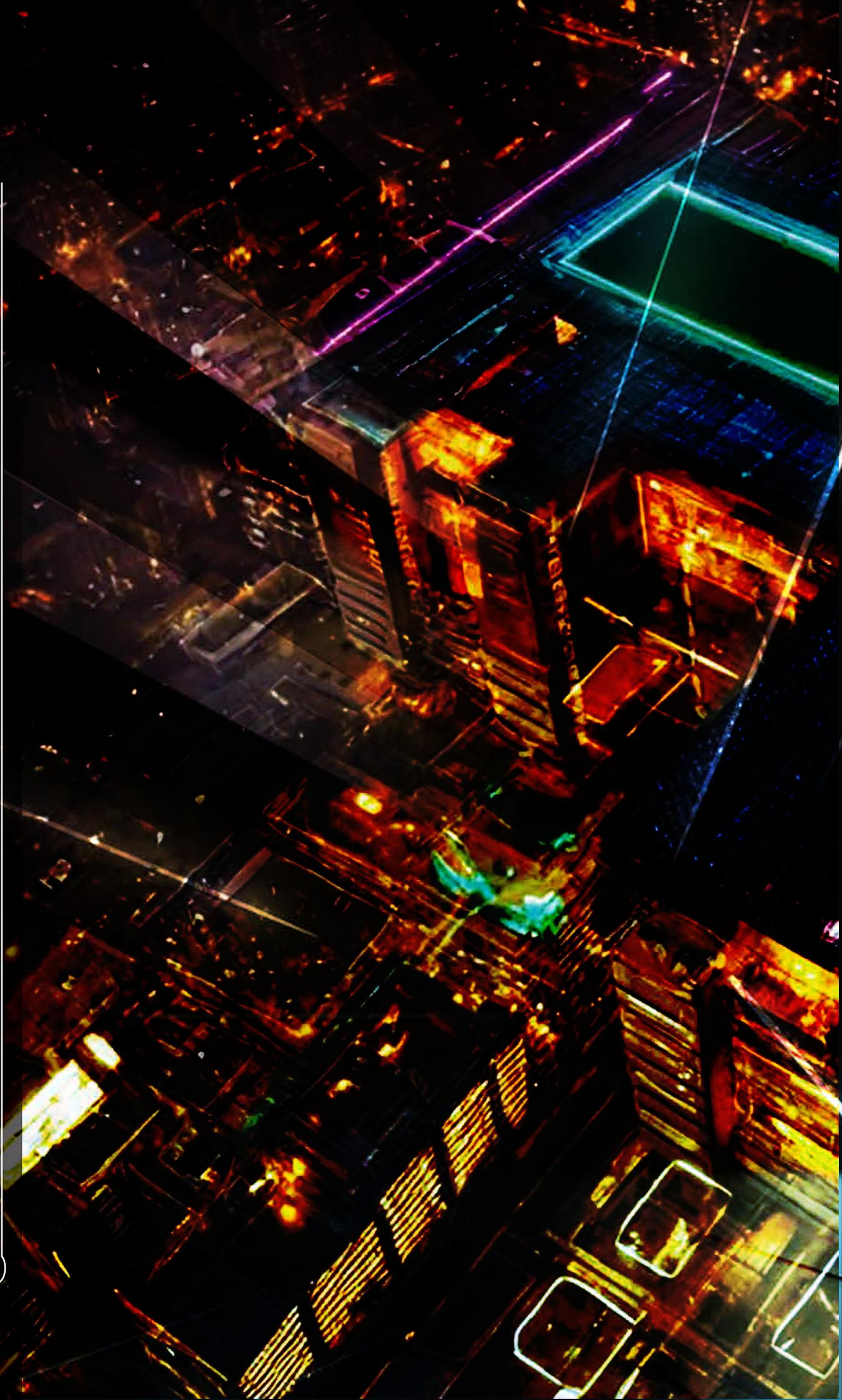
Tritech is Bangladesh's most trusted name in Building Management Systems (BMS) and Energy Management Systems (EMS). We deliver complete automation solutions for commercial and industrial buildings, partnering with global leaders to ensure intelligent, efficient, and future-ready control systems.

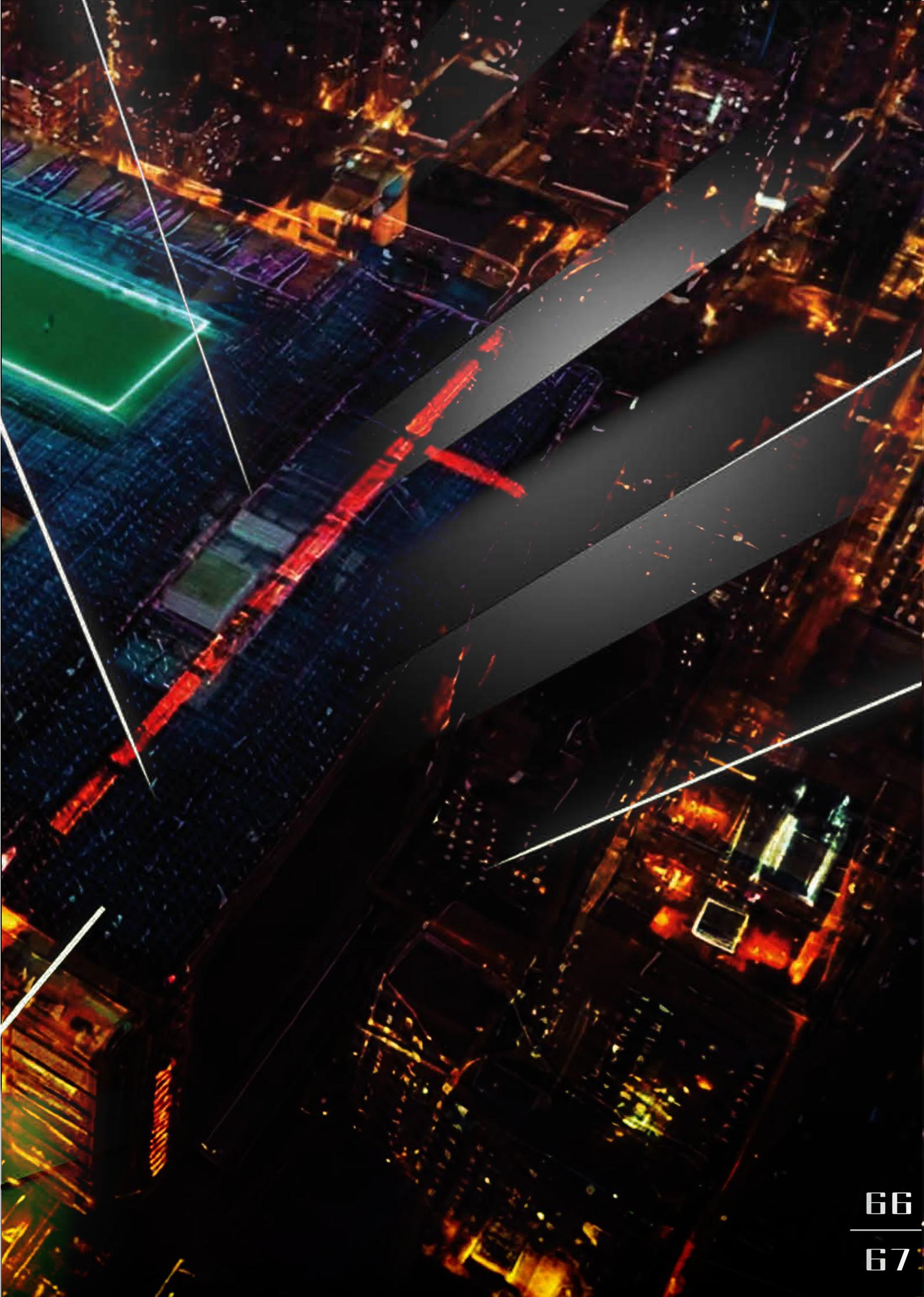
### END-TO-END AUTOMATION EXPERTISE

### ENHANCED EFFICIENCY & COST SAVINGS



# SUSTAINABILITY AND ACHIEVEMENTS





# ENRICHING GLOBAL TRAINING JOURNEYS



Taking clients to our global manufacturing hubs

# ENRICHING GLOBAL TRAINING JOURNEYS



Team Trittech taking international training across the Globe

# *STRATEGIC PARTNERSHIPS WITH GLOBAL HVAC BRANDS*



Tritech management with their global partners

# PROMINENT INDUSTRY PRESENCE WITH VERSATILE ACTIVITIES



Tritech participating in different expos and events

# ***BUILDING A BETTER FUTURE TOGETHER - CSR AND TEAM ENGAGEMENT***



Tritech's CSR Activities



# PRESENCE IN MAIN STREAM NEWS & MEDIA



Tritech's achievements published in different news and media

# ***POWERED BY THE LATEST TOOLS AND EQUIPMENTS***

Tritech uses the most advanced tools and equipment to ensure top-quality HVAC performance. Our expert team is well-trained in using these modern tools to deliver work with the highest level of satisfaction. With a full range of updated equipment, we're able to provide the most advanced HVAC solutions to our clients



# PRESTIGIOUS AWARDS AND ACCOLADES



# AWARDS & RECOGNITIONS THAT MOTIVATE US EVERYDAY



# PRESTIGIOUS AWARDS AND ACCOLADES







***Khaled Hossain Mahboob***  
*Managing Director*  
*Masihata Group*



"At Masihata Group, we respect those who approach their work with dedication — and Trittech truly lived up to that. Our journey began with the head office project, where their clarity and confidence gave us assurance right from the start. Their performance spoke for itself, which is why we entrusted them with both my residential and our factory HVAC projects. Across both projects, they have proven themselves to be dependable, honest, and technically proficient. It's been a pleasure working with a team that truly understands the responsibility they carry. We wish them continued success and look forward to staying connected."



***Khalid Ahmed Khan***  
*Architect- Director*  
*Next Spaces Ltd (NSL)*

***Khondkar Nazmul Hasan (Palash)***  
*Architect- Director*  
*Next Spaces Ltd (NSL)*



"It's been 18 years since we first crossed paths with the directors of Trittech, and we've had the privilege of watching their journey unfold ever since. Their introduction of VRF technology to Bangladesh was a bold & visionary move—and we were proud to be the first to implement it. What continues to stand out, even today, is their unwavering passion for the craft. That same energy and commitment continue to drive them forward. We've always appreciated their forward-thinking approach and look forward to seeing what they accomplish next."



***Md. Iqbal Hossain Chowdhury***  
*Ex-Director, FBCCI*  
*Managing Director*  
*JCX Developments Ltd.*



"JCX Business Tower was envisioned as a landmark development, a project that demanded partners capable of meeting uncompromising standards. As a LEED-certified building constructed to Japanese standards, it was challenging to implement and maintain such high-quality benchmarks from design to execution. Tritech proved their capability by delivering HVAC engineering in perfect harmony with the project's vision. They earned their place through technical strength and a highly professional approach. Their contribution to the HVAC systems played a vital role in shaping the building's overall performance and comfort. From design coordination to execution, they remained consistent, responsive and dependable. We had a very positive experience working with them, and I believe their expertise will continue to add value to projects that demand precision and reliability."



***Fakir Kamruzzaman Nahid***  
*Managing Director*  
*Fakir Fashion Limited*



"At Fakir Fashion, we were in search of a sustainable cooling solution that could meet our environmental goals without compromising performance. It was a technically demanding task, and Tritech proved to be the right partner for it. Their ability to navigate complex challenges with clarity and precision made a strong impression on us. The system they delivered strikes the balance we needed—efficient, reliable, and environmentally conscious. We value the partnership and look forward to working with them again on future initiatives."



**Golam Mostofa**  
*Managing Director*  
*MNR Group*



"MNR Sweaters Ltd. has long been a respected leader in the RMG industry. Our LEED Platinum-certified jacquard facility, equipped with advanced technology, required a reliable HVAC solution that met our high standards. Trittech delivered exactly what we needed, implementing an energy-efficient system that uses waste heat for cooling, significantly reducing our electricity bills, and providing a robust, 24-hour solution tailored to industrial needs. I am especially pleased that my workers now enjoy an environment with precise temperature control and a dust-free atmosphere, prioritizing their comfort and well-being. We greatly appreciate Trittech's commitment to excellence and look forward to a lasting, successful partnership. "



**Mufakkarul Islam Khasru**  
*Managing Director*  
*Finlay Properties Ltd.*



"I had known of Trittech for nearly a decade before we finally had the chance to collaborate in 2023 on the Finlay South City project. From the outset, their understanding of advanced technology and commitment to innovation made them the right fit. As work progressed, their professionalism and attention to detail stood out. The HVAC systems delivered by their team have significantly enhanced both comfort and energy efficiency. It's been a constructive partnership, and we consider Trittech our preferred choice for future developments."



**Mukul Hossain**  
Chief Executive Officer &  
Chief Engineer  
MJL Bangladesh Limited

MJL Bangladesh PLC.

"Mobil House was envisioned as a high-performing, LEED Platinum-certified facility—and for that, we needed an HVAC partner who could match the ambition. Designed by Mustapha Khalid Palash, a leading name in Bangladeshi architecture and the visionary behind Vistaara, the project demanded precision at every step. Trittech helped bring that vision to life with a clear understanding of energy efficiency, sustainable engineering, and design accuracy. The system they implemented has added real value, both in performance and long-term viability. Their professionalism throughout the process has been commendable. I'm pleased with the outcome and look forward to working with them again on future ventures."



**Ar. Bayejid Mahbub Khondker**  
Principal Architect  
Nakshabid

নকশাবিদ  
N · A · K  
S · H · A  
B · I · D  
architects

"It's been over a decade since I first worked with Trittech on a major government project, where I was involved as the consultant. In Pani Bhaban, one of the early government buildings to feature SMARDT Magnetic Bearing Chiller technology, their ability in balancing performance with architectural intent was clearly evident. I've seen their team while maintaining the same passion for efficiency and design harmony. They've earned my respect, and I gladly recommend them to peers in the field."



## **PANI BHABAN**

### **SAVING ENERGY MEANS PLANTING NEW TREES**

#### *CLIENTS PROFILE:*

Government Authority

#### *CLIENTS CHALLENGE:*

High Energy Bill in Central Air Conditioning

#### *TRITECH SOLUTION:*

Installed SMARDT oil-free magnetic bearing chiller, cutting electricity use by 50% compared to conventional models

#### *RESULTS:*

Achieved annual savings of 1,000,000 units of electricity at Pani Bhaban

#### *IMPACT:*

Equivalent to the CO2 absorption of 10,600 mature trees annually

# **INSIGHTFUL CASE STUDIES**



## **BRAC UNIVERSITY NEW CAMPUS**

### **SETTING NEW ENERGY EFFICIENCY STANDARDS**

#### *CLIENTS PROFILE:*

BRAC, a leading NGO

#### *CLIENTS CHALLENGE:*

Achieving optimal natural air quality with high energy efficiency

#### *TRITECH SOLUTION:*

Installed a 4000 TR hybrid System, 2000 TR VFD centrifugal Chiller & 2000 TR Oil Free Chiller for optimum efficiency.

#### *EQUIPMENT INTEGRATED:*

2000 tons Dunham-Bush and 2000 tons SMARDT Chiller

#### *RESULTS:*

Delivered minimal energy consumption and superior indoor air quality for the campus

#### *INSIGHT:*

Combining different chiller technologies enhances overall system efficiency.

**TRITECH**<sup>®</sup>



## **HILTON DHAKA**

### **BANGLADESH'S FIRST CHP SOLUTION**

#### *CLIENTS PROFILE:*

Hilton Hotel, a global hospitality leader, launching its first Bangladesh property

#### *CLIENTS CHALLENGE:*

Maximizing energy efficiency

#### *TRITECH SOLUTION:*

Implemented Combined Heat and Power (CHP) technology for simultaneous electricity and heat generation. Integrated TEDOM CHP System and Kawasaki Absorption Chiller

#### *EXPECTED RESULT:*

Achieved nearly 90% savings on energy bills compared to conventional systems

#### *EXPECTED BENEFIT:*

Chilled water is produced at no cost using heat from the CHP units

# **INSIGHTFUL CASE STUDIES**

## **R-PAC**

### **PRECISE PRODUCTION CONTROL WITH OPTIMAL PRODUCT INTEGRITY**

#### *CLIENT'S PROFILE:*

R-PAC, a leading garment exporter

#### *CLIENT'S CHALLENGE:*

Modernizing HVAC for climate control

#### *TRITECH SOLUTION:*

Customized chiller system for energy efficiency and comfort

#### *EQUIPMENT INTEGRATED:*

850 TR Dunham Bush chillers, smart controls

#### *RESULTS:*

Lower energy costs, better comfort, precise quality control

#### *INSIGHT:*

Tailored solutions enhance efficiency and satisfaction





## **MOBIL HOUSE**

### **ENSURING EFFICIENCY FOR LEED PLATINUM CERTIFICATION**

#### *CLIENTS PROFILE:*

MOBIL Jamuna Group, a leading business conglomerate in Bangladesh

#### *CLIENTS CHALLENGE:*

Securing top HVAC ratings for LEED Platinum Certification

#### *TRITECH SOLUTION:*

Supplied SMARDT magnetic bearing chillers from Australia to achieve the highest HVAC performance

#### *RESULTS:*

Contributed to securing the highest HVAC points, leading to prestigious LEED Platinum Certification

#### *INSIGHT:*

Optimal HVAC ratings are crucial for achieving LEED Certification

# **INSIGHTFUL CASE STUDIES**

## **COLUMBIA WASHING PLANT LTD**

### **ENSURING HIGHEST STANDARD OF HVAC FOR LEED PLATINUM CERTIFIED WASHING FACILITY**

#### *CLIENTS PROFILE:*

A LEED Platinum certified laundry facility under M&J Group

#### *CLIENT CHALLENGE & TRITECH'S SOLUTION:*

Needed an energy-efficient cooling system to meet LEED Platinum standards and reduce environmental impact. Installed a Kawasaki Absorption Chiller from Japan with Waste Heat Recovery and Cogeneration System to optimize energy use and reduce carbon emissions

#### *RESULTS:*

Achieved LEED Platinum Certification, Reduced energy costs and emissions Improved indoor air quality

#### *INSIGHT:*

A benchmark in sustainable industrial cooling—powered by Tritech's green HVAC innovation



**TRITECH**<sup>®</sup>



## **BGMEA UNIVERSITY OF FASHION & TECHNOLOGY**

**SAVING ENERGY BILL IS SAVING FOR EDUCATION**

### **CLIENTS PROFILE:**

BGMEA Authority

### **CLIENTS CHALLENGE:**

Implement a university-wide central air conditioning system that meets diverse needs

### **TRITECH SOLUTION:**

Combined chilled water and VRF systems using System Air chillers and Midea DC Inverter VRF systems, offering unprecedented efficiency

### **RESULTS:**

Reduced greenhouse gas emissions and energy costs, allowing BUFT to reallocate savings towards enhancing student education

### **INSIGHT:**

Energy savings provide flexibility to invest in educational improvements

# **INSIGHTFUL CASE STUDIES**



## **RADISSON BLU DHAKA WATER GARDEN**

**COMMITTED TO ENERGY SAVING**

### **CLIENTS PROFILE:**

Sena Hotel Development Limited (SHDL)

### **CLIENTS CHALLENGE:**

Reduce electricity bills with an energy-efficient solution

### **TRITECH SOLUTION:**

Replaced old chiller with SMARDT Oil-Free Magnetic Chiller from Australia for significant energy savings

### **RESULTS:**

A single 400 RT chiller saves 280 kW of electricity per hour

### **INSIGHT:**

Management plans to replace all chillers with similar units



## **SQUARE HOSPITAL** **PROMISING HEALTH & SUSTAINABILITY** **ALL ALONG**

### **CLIENTS PROFILE:**

The leading tertiary care hospital in Bangladesh with an impeccable reputation for delivering world-class medical services

### **CLIENTS CHALLENGE:**

Incorporating a proper energy management system & modernizing the HVAC system for improved efficiency, comfort, & sustainability

### **TRITECH SOLUTION:**

Installed Bangladesh's 1st Oil Free Chiller in Square to get the maximum efficiency.

### **RESULTS:**

A 300 TR chiller saved more than 6 crore take in just 5 Years

### **INSIGHT:**

Management plans to replace all chillers with similar units

# **INSIGHTFUL CASE STUDIES**

## **BELLE VUE HOSPITAL**

### **SAFETY OF LIFE WITH PRECISE COOLING OPERATION**

#### **CLIENTS PROFILE:**

Leading healthcare provider in Chattogram; committed to excellence in patient care

#### **CLIENTS CHALLENGE:**

Enhance HVAC efficiency while ensuring optimal patient comfort and air quality

#### **TRITECH SOLUTION:**

Innovative HVAC solutions with SMARDT Magnetic Bearing Chiller, the most efficient Oil Free Chiller tailored for energy efficiency and environmental sustainability

#### **RESULTS:**

Achieved optimal energy efficiency, reduced maintenance costs, and exceptional indoor air quality.

#### **INSIGHT:**

For optimum efficiency Oil Free chiller is the best choice.

**TRITECH**





## **MNR SWEATERS LIMITED**

### **SETTING NEW STANDARD IN JACQUARD FACTORY HVAC**

#### **CLIENTS PROFILE:**

A leading Apparel Manufacturing Industry Giant

#### **CLIENTS CHALLENGE:**

To ensure a safe, efficient cooling solution with a greener environment for employees & ensuring Jacquard machine efficient performance.

#### **TRITECH SOLUTION:**

Delivered Kawasaki Absorption Chiller from Japan to ensure sustainable and efficient cooling at the same time ensure best indo0r environment for optimum Jacquard Machine Performance.

#### **RESULTS:**

Enabled MNR Sweater Limited to achieve LEED Platinum Certification with energy-efficient operations

#### **INSIGHT:**

Sustainable cooling enhanced employee comfort while driving global green recognition

# **INSIGHTFUL CASE STUDIES**

## **IBN SINA PHARMACEUTICAL LIMITED.**

### **DELIVERING MOST ENERGY EFFICIENT HVAC SOLUTION IN PHARMACEUTICAL MANUFACTURING**

#### **CLIENTS PROFILE:**

A fast-growing pharmaceutical manufacturer

#### **CLIENTS CHALLENGE:**

Needed reliable, energy-efficient cooling to meet strict pharma standards and rising production demands

#### **TRITECH SOLUTION:**

Tritech installed a SMARTD Oil-Free Magnetic Bearing Chiller for precision cooling with low energy use and minimal maintenance

#### **EXPECTED RESULTS:**

Stable cooling performance, Lower energy bills, Cleaner, oil-free operation, and low maintenance cost

#### **INSIGHT:**

Smart cooling solutions like SMARTD help pharma industries grow sustainably—without compromising on quality or compliance



# PROJECT REFERENCES

## GOVT. PROJECTS



PANI BHABAN



CEGIS BHABAN



SHER E BANGLA AGRICULTURE UNIVERSITY AUDITORIUM



CTG WASA



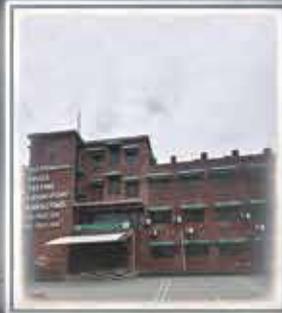
OSMANI MEMORIAL AUDITORIUMS



HI-TECH PARK CHITTAGONG



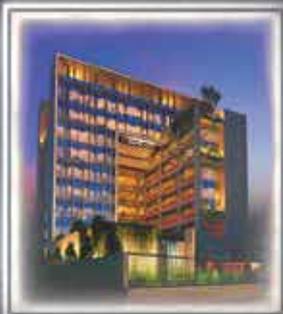
E-PASSPORT OFFICE UTTARA



DRUG TESTING LABORATORY (DTL)



NATIONAL CONTROL LABORATORIES (NCL)

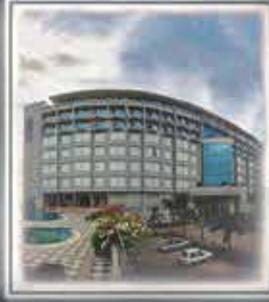


RAJSHAHI WASA

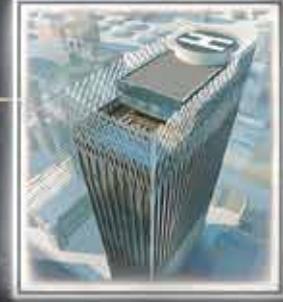
# HOTEL PROJECTS



SAYEMAN BEACH  
RESORT



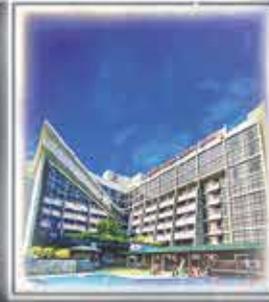
HOTEL OCEAN  
PARADISE



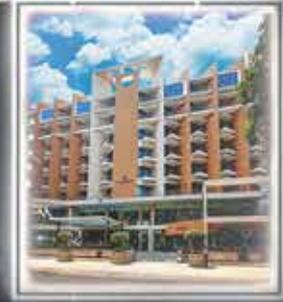
HILTON DHAKA



RADISSON BLU DHAKA  
WATER GARDEN



HOTEL  
THE COX TODAY



LONG BEACH HOTEL



GRAND PACIFIC



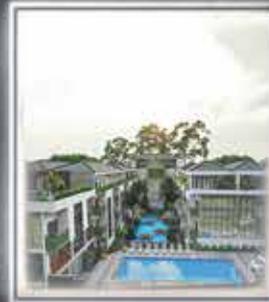
HOTEL BEST WESTERN  
MAPLE LEAF



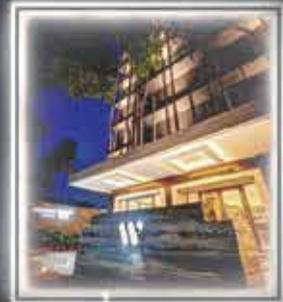
BEST WESTERN  
ALLIANCE HOTEL



FARS HOTEL & RESORTS



GREEN NATURE RESORT



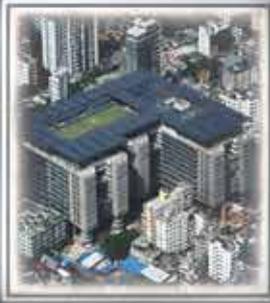
THE WAY DHAKA



HOTEL WINDY TERRACE

# PROJECT REFERENCES

## EDUCATIONAL PROJECTS



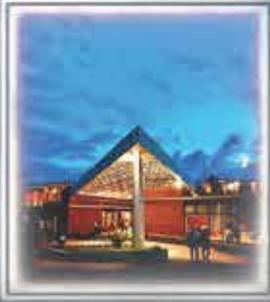
BRAC UNIVERSITY



BGMEA UNIVERSITY



SUNNYDALE



EAST DELTA UNIVERSITY  
CHITTAGONG



USTC CHITTAGONG



UITS CHITTAGONG

## HOSPITAL PROJECTS



SQUARE HOSPITALS LTD



CHITTAGONG BELLEVUE  
HOSPITALS



MOTHERHOOD  
FERTILITY CENTRE



GOOD HEAL HOSPITAL



EADEN MULTI CARE



EAST VIEW HOSPITAL

# MULTINATIONAL INDUSTRIAL PROJECTS



R PAC BANGLADESH  
PACKAGING COMPANY



YKK



MAS INTIMATES



YOUNG ONE



GMS COMPOSITE



SML PACKAGING

# PHARMACEUTICALS PROJECTS



IBN SINA PHARMA



SQUARE  
PHARMACEUTICALS



HEALTHCARE  
PHARMACEUTICAL



BEXIMCO PHARMA



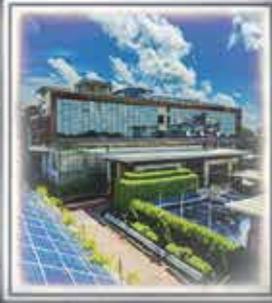
INCEPTA  
PHARMACEUTICALS



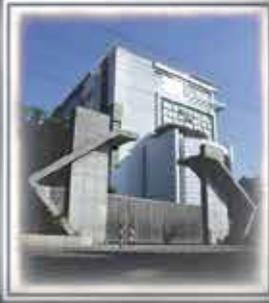
RAK PHARMACEUTICALS  
PVT. LTD

# PROJECT REFERENCES

## TEXTILE PROJECTS



COLUMBIA WASHING  
PLANT



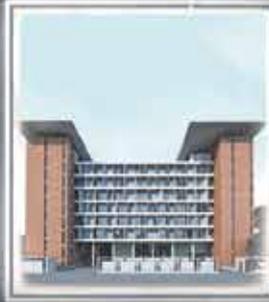
FAKIR FASHION



SOORTY TEXTILES



MNR-SWEATERS-LTD.



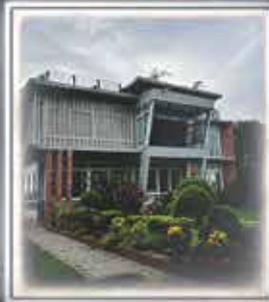
BRAVO APPAREL  
MANUFACTURE LTD.



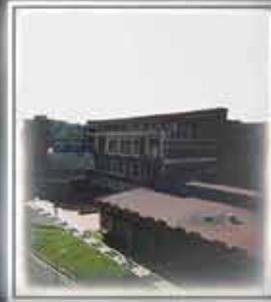
IRIS GROUP



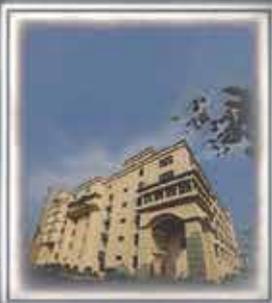
PANDORA  
SWEATERS LTD.



FATULLAH APPARELS



SQUARE TEXTILE



SILVER LINE TEXTILE



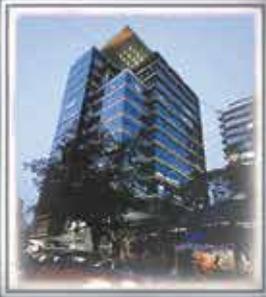
AMTRANET GARMENTS



TARASIMA APPARELS LTD



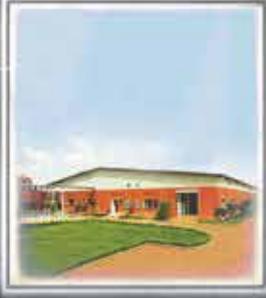
SF DENIM



RENAISSANCE GROUP



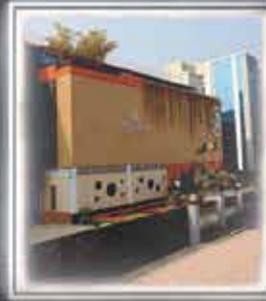
YOUNG INTERNATIONAL



GENESIS WASHING PLANT LTD



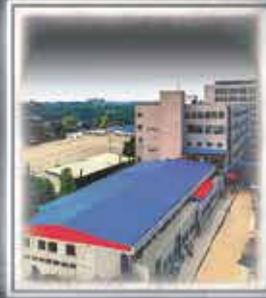
NORP KNIT INDUSTRIES LTD



UNIVERSAL MENSWEAR



TOSHRIFA INDUSTRIES



DENIMACH LTD.



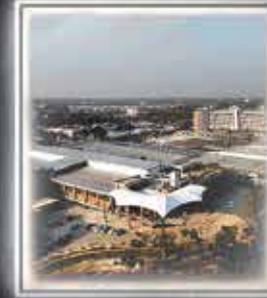
BANGLADESH FILAMENT YARN INDUSTRIES LTD



NPM APPARELS LTD



UNITED SURGICAL LTD



BEXIMCO DENIM NEW PLANT



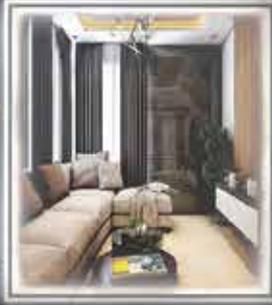
HELICON GARMENTS LTD



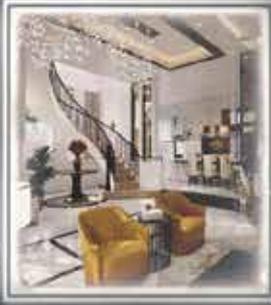
TEXEUROP BD

# PROJECT REFERENCES

## RESIDENTIAL PROJECTS



HAMID VILLA  
AND MUSEUM



THE CIVIL ENGINEERS  
OWNER RESIDENCE



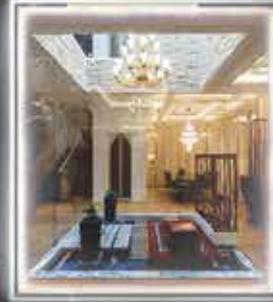
INCEPTA MD HOUSE



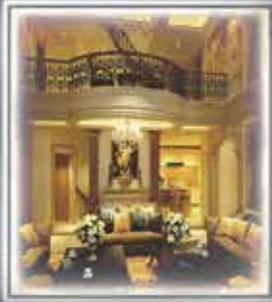
S ALAM DIRECTOR  
HOUSE



ISLAM 76



NAIMA ALI RESIDENCE



MASHIHATA  
MD RESIDENCE

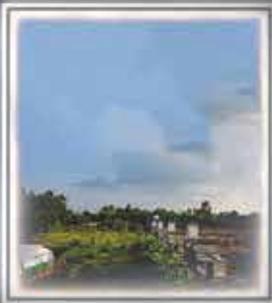


SF DENIM OWNER  
RESIDENCE

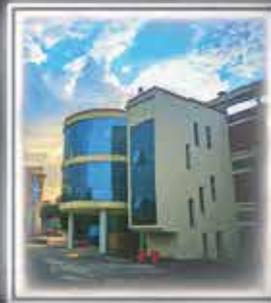


MASHRAFI RESIDENCE

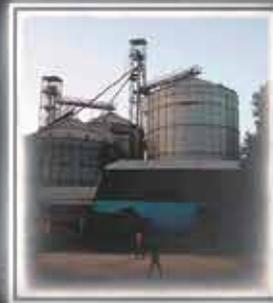
## FOOD AND AGRICULTURE PROJECTS



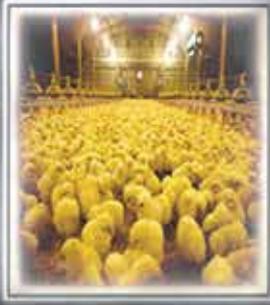
QUALITY POULTRY  
HATCHERY



IFAD MULTI PRODUCTS



NOURISH POULTRY  
AND HATCHERY



**BAY AGRO**



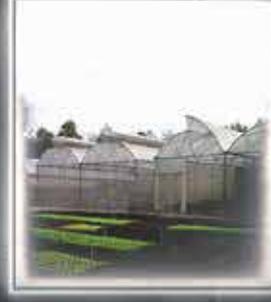
**PROVITA HATCHERY AND FEED**



**MEGHNA SOYA POWDER**



**AKIJ FOOD & BEVERAGE**



**GREEN VALLEY AGRO**

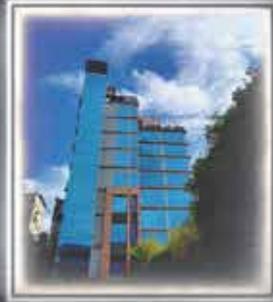
## ***CORPORATE OFFICE AND BUILDING***



**MOBIL HOUSE**



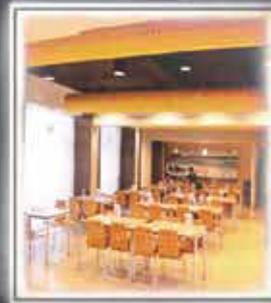
**MASHIHATA TOWER**



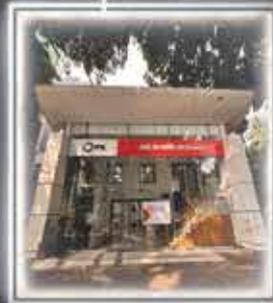
**NEXT SPACES LTD**



**ARMANA GROUP**



**CHANNEL 24**



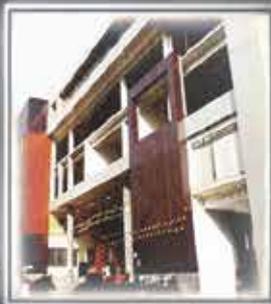
**IFIC BANK**

# PROJECT REFERENCES

## SHOPPING MALL PROJECTS



PLANET SR  
SHOPPING MALL



SONALI SQUARE



CHANDRIMA  
SHOPPING COMPLEX



SAVAR CITY CENTER



PADMA SHOPPING



GREEN SHARIKA  
SHOPPING MALL



FINLAY SOUTH CITY



MIDTOWN  
SHOPPING MALL

## TESTING LABORATORY PROJECTS



INTERTEK TESTING  
SYSTEM



UNDERWRITER  
LABORATORY



SGS BANGLADESH

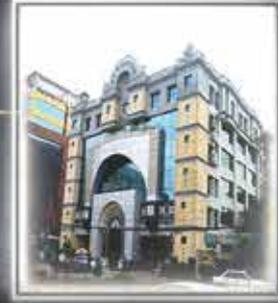
# COMMERCIAL BUILDING PROJECTS



JCX BUSINESS TOWER



CIVIL SARWAR PLAZA



RM CENTER GULSHAN



HOSNA CENTER  
GULSHAN

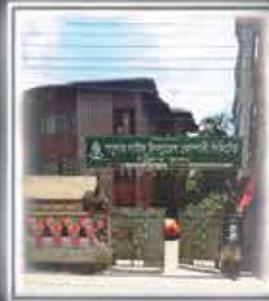


NODI BANGLA

# INSURANCE COMPANY PROJECTS



MEGHNA LIFE



POPULAR LIFE



CONTINENTAL



METLIFE

# PROJECT REFERENCES

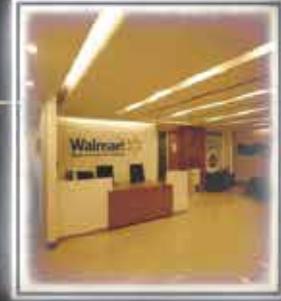
## MULTINATIONAL OFFICE PROJECTS



WORLD BANK  
HEAD OFFICE



HUAWEI HEAD OFFICE  
DHAKA



WALMART  
CORPORATE OFFICE



EMBASSY OF  
NETHERLANDS



SINGAPORE AIRLINES  
OFFICE



REDCATS ASIA  
(PVT.) LTD



GE ENERGY



OCTOKHAN

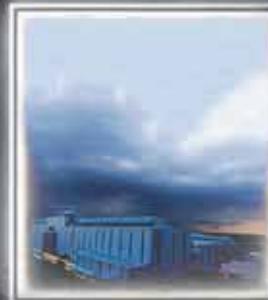


INDONESIA EMBASSY

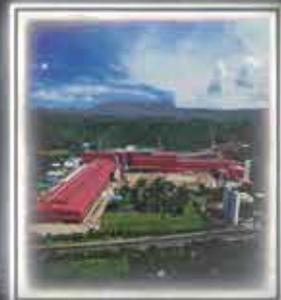
## ELECTRICAL CONTROL ROOMS PROJECTS



QUALITY FEED LIMITED

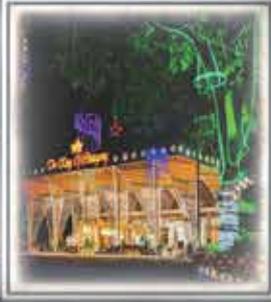


PHP INTEGRATED  
STEEL MILLS LTD

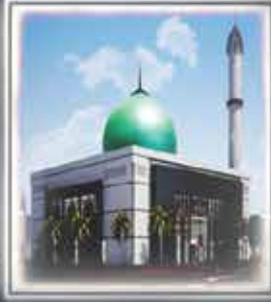


GPH ISPAT

# OTHER PROJECTS



KING OF CHITTAGONG  
CONVENTION CENTER



MASJID AL MUSTAFA  
UNITED GROUP



DHAKA CLUB



PERSONA



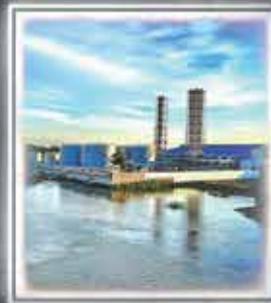
INSPIRE FITNESS  
CENTER



ACI LOGISTICS



FELICITY DATA  
CENTER



SREEPUR  
POWER PLAN



TRITECH<sup>®</sup>

THINK  
HVAC-ER  
DIFFERENTLY

**HEAD OFFICE:**

JCX BUSINESS TOWER, PLOT - 1136/A, JAPAN STREET,  
BLOCK - I, BASHUNDHARA R/A, DHAKA 1229

**CHATTOGRAM OFFICE:**

805/A, MODINA TOWER (5TH FLOOR) CDA AVENUE, GEC CIRCLE

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