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Solution Hub Technologies
#SMART BANGLADESH
SOHUB
CONTROLS
www.sohub.com.bd

SOHUB
Overview

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Solution Hub Technologies

MACHINES
- CLAW MACHINE
- VENDING MACHINE
- SMART CABINET
- MACHINE TO MACHINE

SOFTWARE
- SYSTEM INTERGRATION
- WEB DEVELOPMENT
- APPLICATION DEV.

TELEPHONY
- BUSINESS PHONE SYSTEM (IP-PABX)
- BUSINESS CALL CENTER
- VOICE BROADCAST
- WEBRTC CALL BUTTON
- IP PA SYSTEM
- VALUE ADDED SERVICE (VAS)

SMART HOME
- SMART CONTROL
- SAFETY AND SECURITY
- ENERGY MANAGEMENT
- VOICE CONTROL
- FUTURISTIC TECHNOLOGY

SMART SOLUTION
- SMART OFFICE
- ASSETS PROTECTION
- SMART RESIDENTIAL
- SMART COMERCIAL LIGHTING
- SMART HOSPITALITY
- SMART ENERGY SAVING
- SAFETY AND SECURITY
- CUSTOM INDUSTRIAL SOLUTION

Global Inspiration, Local Innovations

Mission

SOHUB aims to integrate innovative IoT solutions into everyday life, transforming spaces into smarter, connected environments. The company focuses on enhancing convenience, fostering sustainability, and boosting quality of life through advanced telecommunications and IoT technologies.

Team

Led by a dynamic team of experts in IoT, telecommunications, and VoIP, SOHUB thrives on technical challenges and is committed to innovation and excellence. Their expertise drives SOHUB's leadership in technological advancements.

Clients

SOHUB caters to a diverse clientele, ranging from individuals seeking smart home solutions to businesses aiming to optimize operations through IoT innovations. Their dedication to honesty and cutting-edge technology fosters strong, lasting partnerships.

Building Controls

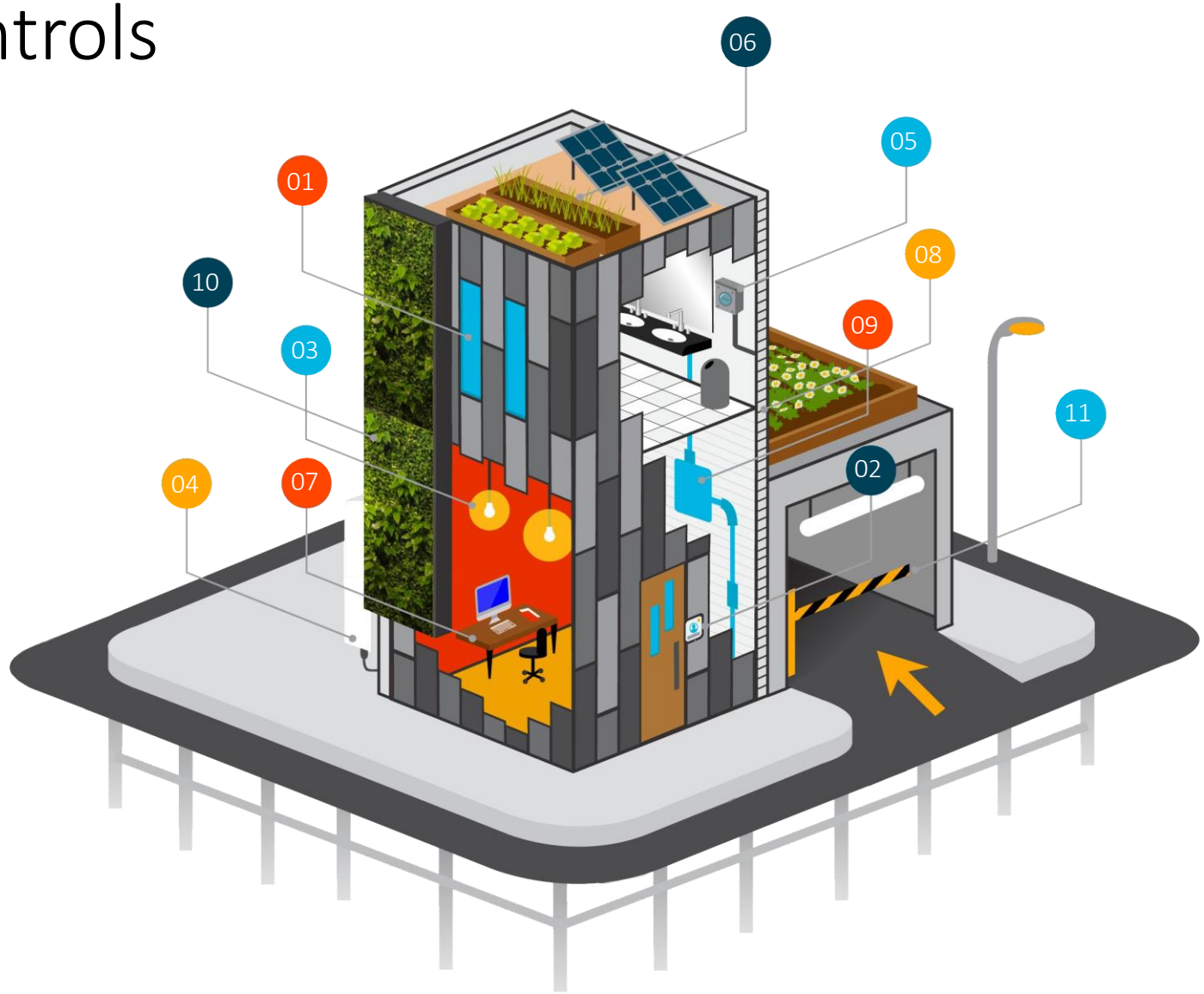
01 Air Conditioning Systems

02 Access Control

03 Light Control

04 Energy Systems

05 Fire Detection Systems



06 Solar Energy Systems

07 Smart Desk

08 Irrigation Systems

09 Drainage Systems

10 Green Plant Management

11 Parking Systems

Application Scenario

Smart Building IOT Powered Platform

- HVAC
- BMS/BAS
- Lighting Control
- Access Control
- Energy Monitoring
- Fire Monitoring
- Car Parking Management
- AI Powered Camera Monitoring

System Architecture

Cloud / On-Premises Server

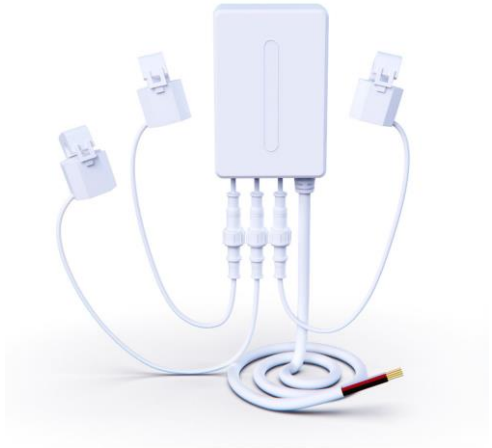
EDGE Gateway

MQTT

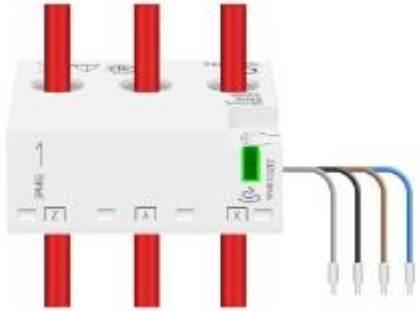
HTTP

Zigbee | LoRa | RS485 | TCP/IP | MBUS

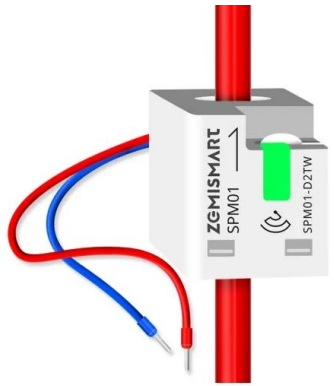
5G | 4G | NB-IOT



3 Phase Industrial Type



3 Phase House Hold



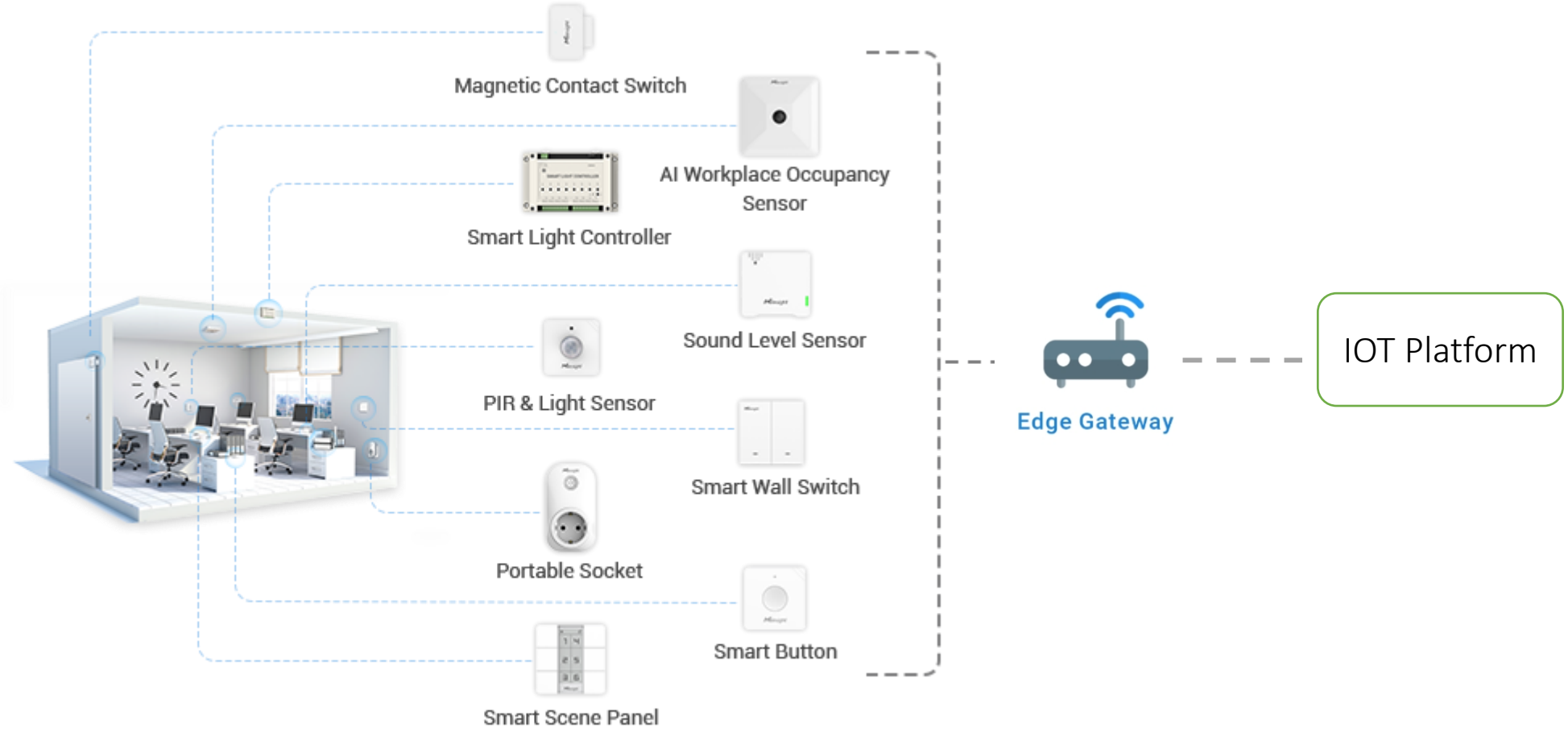
Single Phase

Single Phase CB

Energy Management Smart Devices

- Circuit Breaker
- Electric Meter
- Water Meter
- Thermostat
- Water Valve Controller
- Gas Meter
- Inverter

Introduction To The Smart Devices



Smart Energy Saving

Smart Lighting Systems

- Occupancy Sensors
- Scheduled Lighting

Intelligent HVAC Control

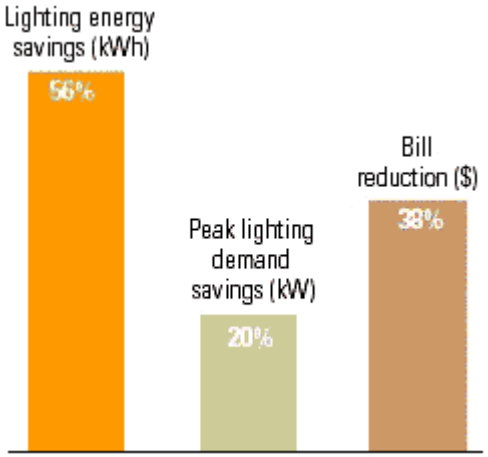
- Automated Climate Control
- Zonal Temperature Control

Advanced Power Management

- Peak Demand Management
- Energy Monitoring & Analysis

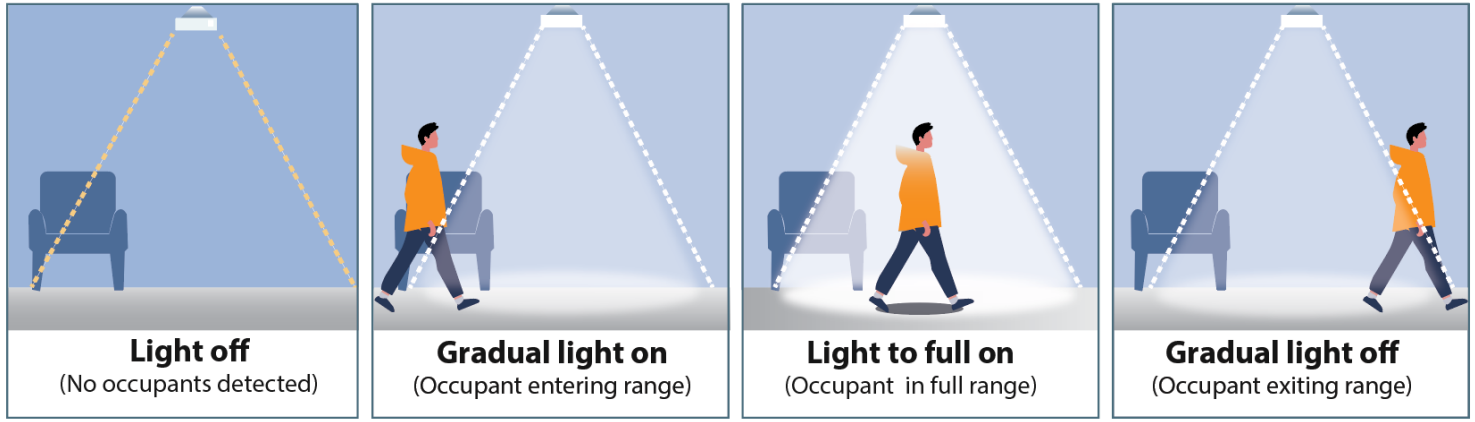
Smart Curtain

- Automated Blinds and Curtains

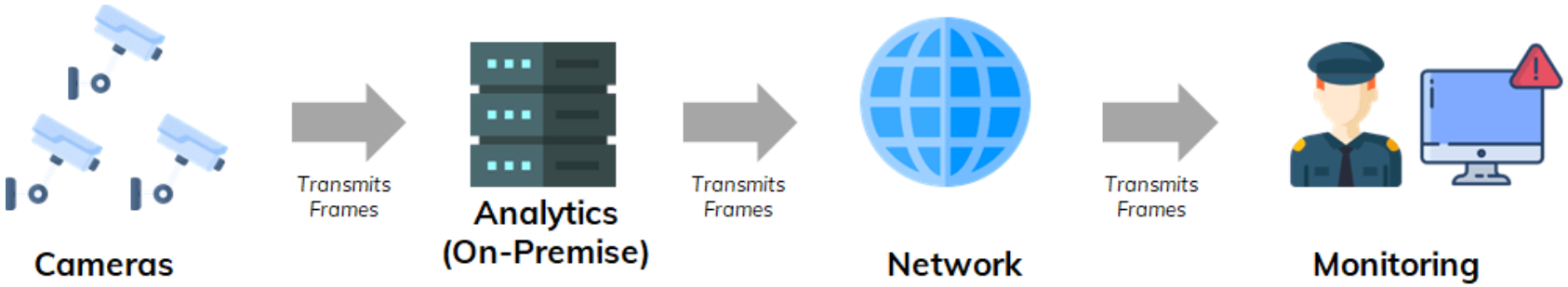


Private office	15 to 52
Open-plan office	22 to 30
Classroom	41 to 48
Conference room	20 to 70
Restroom	30 to 90
Corridors	40 to 85
Storage area/closet	45 to 80

Source: www.energysavingsensors.com

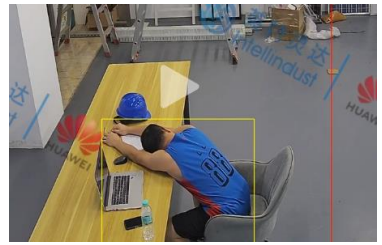


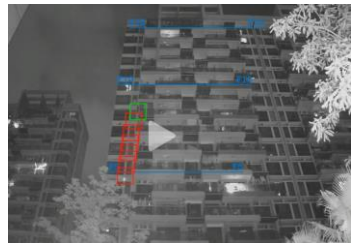
AI Camera Vision

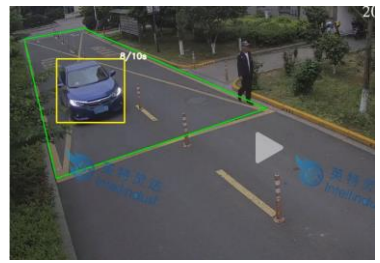


Fire detection / Smoke detection / Smoking detection / Phone usage detection / Personnel using mobile phones detection Mask-wearing detection / Personnel leaving or sleeping on duty detection / Personnel falling detection / Personnel static elimination / Area people counting / Area intrusion detection / Uniform detection / Helmet detection / Safety helmet and reflective clothing detection / Electric scooter detection / Standardized parking (illegal parking detection) / Entrance and exit passenger flow statistics / Perimeter climbing intrusion / Abnormal displacement / Safety net hanging detection and other algorithms

Smart Community
Smart industrial park
Smart construction site
Smart Campus
Smart gas station
Smart Factory
Smart Grid

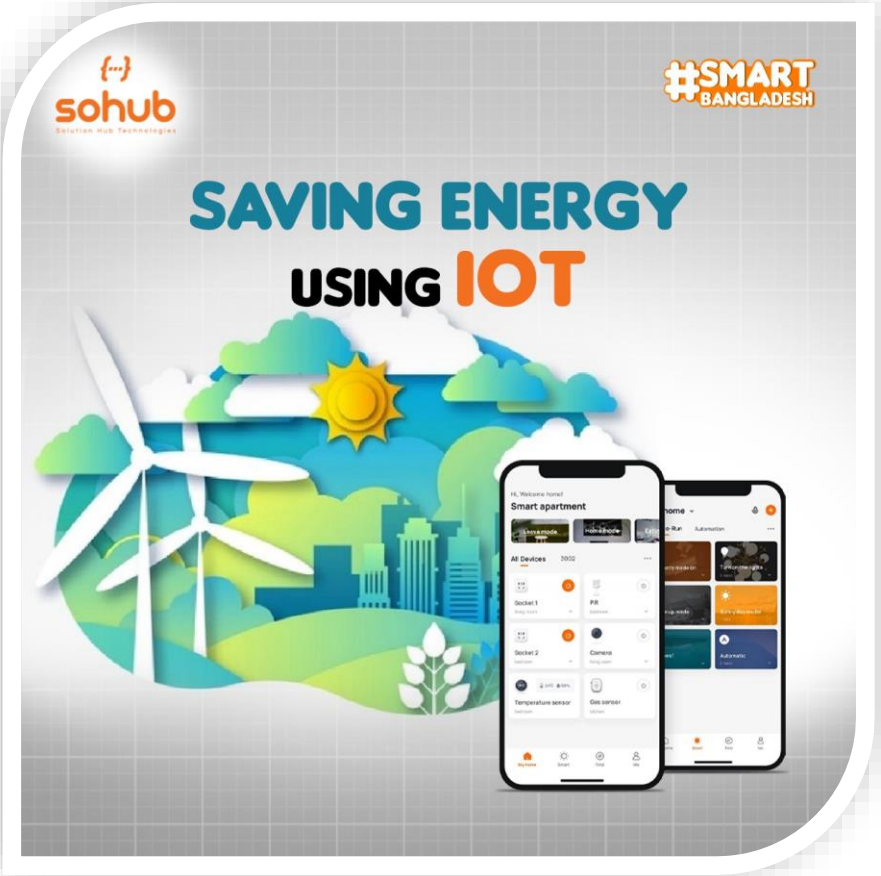




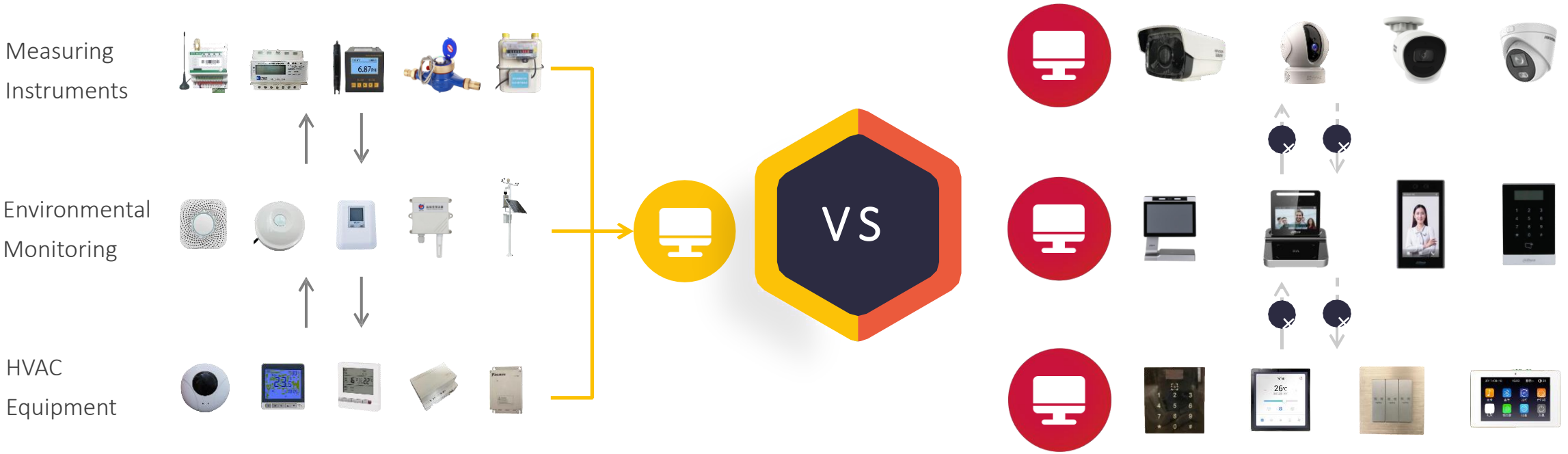


Introduction To The Smart Features

- Cut Cost
- Real-time Usages monitoring
- Threshold Alert
- Energy Analytics
- Automated controls
- Remote access and control
- Fault detection and diagnostics
- Predictive Maintenance
- Integration with Other Systems



A Breakthrough in Full Compatibility



SOHUB Control platform is versatile, working well with many different devices and brands, which gives you more options and opens up new possibilities.

In contrast, traditional BA platforms often only work with their own brands and typically don't support third-party products well.

Introduction To The Program

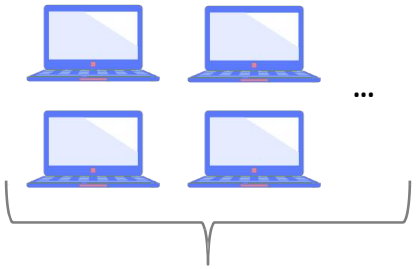
Single Platform

Multiple Accounts

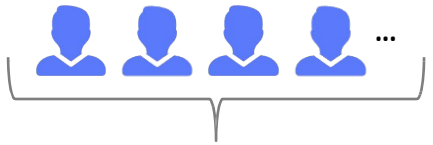
SOHUB Control

VS

Traditional



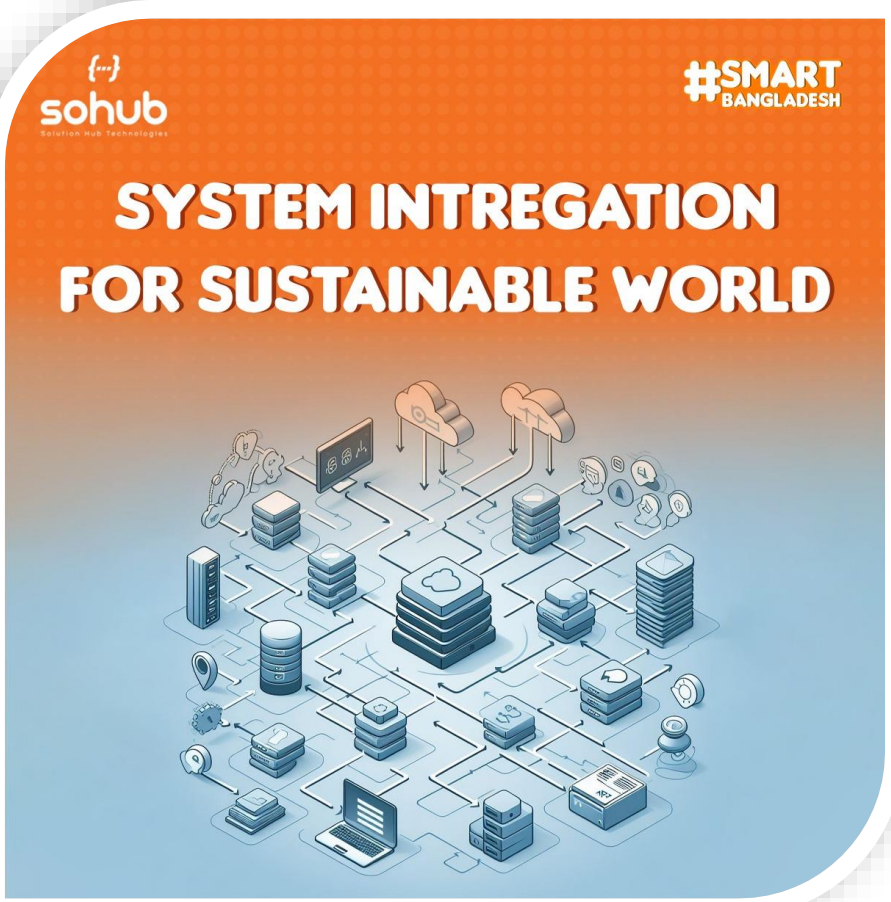
Multiple System Platforms



Multiple System Accounts

Solution advantages

1. Different product combinations
2. Flexible integration & Scalability
3. Maintenance Support
4. Most Modern Technology



Future Enhancements

- "New feature add & modify "
- "Integration of additional 3rd party application for expanded functionality."
- "Implementation of AI algorithms for predictive analytics."
- "Integration of additional IoT devices for expanded functionality."
- "Continuous UI/UX improvements based on user feedback."
- "Customer Support and Service"

Why SOHUB ?

- Expertise in IoT and building management solutions
- Commitment to innovation and quality
- Proven track record with government and large enterprise projects
- Local support and maintenance

Software Platform (Web Application)

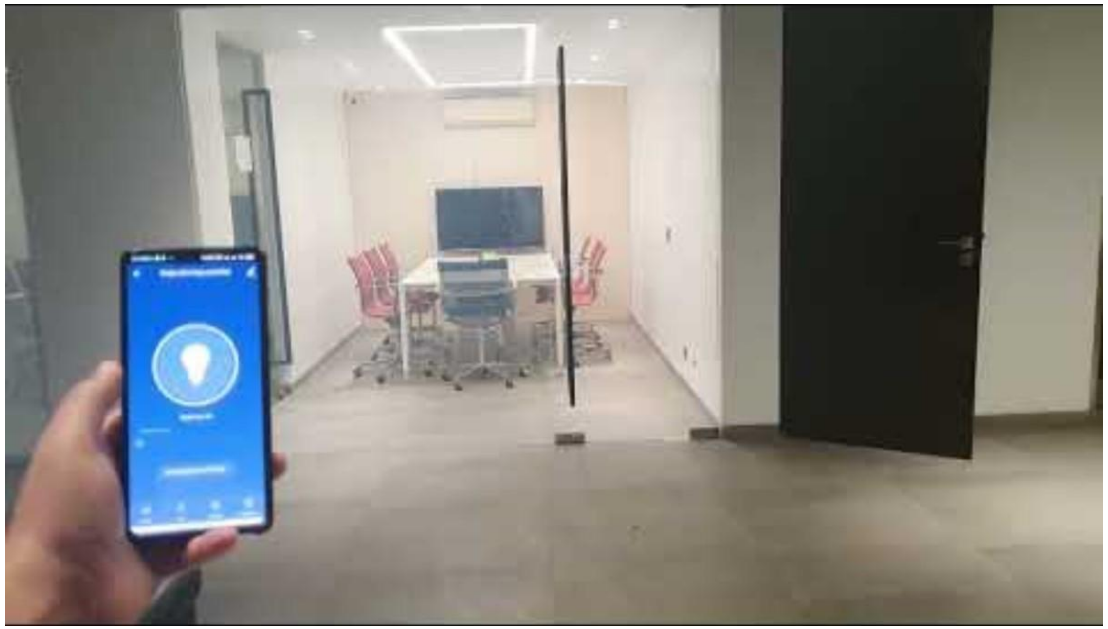
Project Hub (Videos)

MES (Air Force) Smart Conference Room

DHS Motors (HONDA Showroom)

Project Hub (Videos)

KYAMCH Smart IOT Base Auditorium



Smart PDLC Film

Project Hub

See More

See More

See More

Clients

DHS MOTORS

SSL WIRELESS©

SHL

BASECAMP

CONTINENTAL
GARMENTS IND. (PVT.) LTD.

Braincraft

AYANA
DECOR & DESIGN
+8801772087773

KYAMCH

MOWREY
ELEVATOR

99 spoons

AUTO24
CAR RENTALS · LEASING
845.710.1 010

Certificate Of Membership

BASIS

CERTIFICATE OF MEMBERSHIP

THIS IS TO CERTIFY THAT

SOLUTION HUB TECHNOLOGIES

IS ASSOCIATE CATEGORY MEMBER OF BANGLADESH ASSOCIATION OF SOFTWARE AND INFORMATION SERVICES SINCE DECEMBER 19, 2023 HAVING MEMBERSHIP NUMBER AS-23-12-015 . THIS CERTIFICATE IS VALID UPTO DECEMBER 31, 2024 .

Bangladesh Association of Software and Information Services

Membership No - 2136

e-CAB
e-Commerce Association of Bangladesh

DTO License No -16/2015

CERTIFICATE
of Membership

This is to certify that

Solution Hub Technologies

of

29, Katasur, Kaderabad Housing, Mohammadpur, Dhaka-1207

is a Member of e-Commerce Association of Bangladesh.
The membership is valid till December 31, 2024
Issued on March 23, 2024

Shomi Kaiser
President

House-04 (1st floor), Road-23/A, Block-B, Banani, Dhaka-1213, Bangladesh
E-mail: info@e-cab.net; web: www.e-cab.net

Nasima Akter Nisha
General Secretary

Crt- No:2136/23(D)-0351/24(S)-03/051(R) SDT eCab-7571(20-03-2024)

Government of the People's Republic of Bangladesh
Office of the Chief Controller of Imports and Exports
Import Registration Certificate (IRC)
Commercial
IRC No:
2603261122442424

This is to certify that until further orders **Solution Hub Technologies**, Address: **House # 29, Katasur, Kaderabad Housing, Mohammadpur, Dhaka-1207** is hereby registered as a **Commercial Importer** of Office of the Chief Controller of Imports and Exports under the jurisdiction of Office of the Controller of Imports and Exports, Dhaka with following terms and conditions.

Company's Particulars:

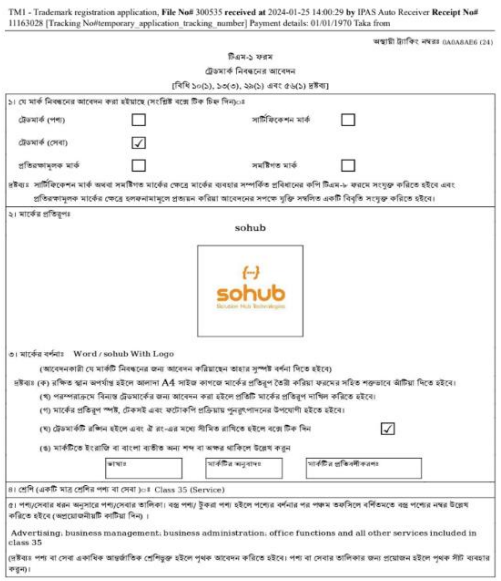
1. E-TIN	: 444555884119
2. Previous IRC No	: N/A
3. Nominated Bank Name & Branch	: Bank Asia Ltd., Gulshan
4. Import Slab	: Up to 5,00,000 Taka
5. First Issue Date	: 22 January, 2024
6. Valid up to	: 21 January, 2025
7. Last Updated Date	: 22 January, 2024

Terms & condition:

1. This Registration Certificate will have to be renewed every financial year.
2. Prohibited goods cannot be imported and in the case of controlled/restricted goods, all the terms and conditions of the import policy order should be maintained properly.
3. Without any permission of the Chief Controller of Imports & Exports or any other officer authorized by him, This Registration Certificate cannot be transferred.
4. If any importer, Exporter & Indentor violates any provisions of the Importers, Exporters & Indentors (Registration) Order, 1981 or any other laws, the registration may be suspended or cancelled.
5. Any kind of fraud, forgery and misdeclaration is punishable under ICT Act, 2006 and in such cases the registration may be suspended or cancelled by the Authority.
6. The authority reserves the right to cancel the registration certificate at any time without assigning any reason whatsoever.

N.B: This is a system generated certificate requires no manual signature.

Shourab Hasan
Executive Officer
Office of the Controller of Imports and Exports, Dhaka
National Sports Council (NSC) Tower, 62/3, Level-14, Purana Paltan, Dhaka-1000.



TM1 - Trademark registration application, **File No#** 300535 **received at** 2024-01-25 14:00:29 **by** IPAS Auto Receiver **Receipt No#** 11163028 [Tracking No#temporary_application_tracking_number] Payment details: 01/01/1970 Taka from

অন্যান্য ট্রাফিং নম্বর (AOAAAE6 (24)

টিএম-১ ফরম

ট্রেডমার্ক নিবন্ধনের আবেদন

[বিধি ১০(১), ১৩(৩), ২৯(১) এবং ৫৯(১) দ্রষ্টব্য]

১। যে মার্ক নিবন্ধনের আবেদন করা হইয়াছে (সংশ্লিষ্ট বক্সে টিক চিহ্ন দিন):-

ট্রেডমার্ক (পণ্য) ☐ সার্টিফিকেশন মার্ক ☐

ট্রেডমার্ক (সেবা) ☑

প্রতিরক্ষামূলক মার্ক ☐ সমষ্টিগত মার্ক ☐

দ্রষ্টব্য: সার্টিফিকেশন মার্ক অথবা সমষ্টিগত মার্কের ক্ষেত্রে মার্কের ব্যবহার সম্পর্কিত প্রবিধানের কপি টিএম-৯ ফরমে সংযুক্ত করিতে হইবে এবং প্রতিরক্ষামূলক মার্কের ক্ষেত্রে হলফনামামূলে প্রত্যয়ন করিয়া আবেদনের সপক্ষে যুক্তি সম্বলিত একটি বিবৃতি সংযুক্ত করিতে হইবে।

২। মার্কের প্রতিরূপ:

sohub

৩। মার্কের বর্ণনা: Word / sohub With Logo

(আবেদনকারী যে মার্কটি নিবন্ধনের জন্য আবেদন করিয়াছেন তাহার সুস্পষ্ট বর্ণনা দিতে হইবে)

দ্রষ্টব্য (ক) রঙিন স্থান অপর্যাপ্ত হইলে আলাদা A4 সাইজ কাগজে মার্কের প্রতিরূপ টেক্সী করিয়া ফরমের সহিত শক্তভাবে আঠা দিয়া দিতে হইবে।

(খ) পরস্পরক্রমে বিন্যস্ত ট্রেডমার্কের জন্য আবেদন করা হইলে প্রতিটি মার্কের প্রতিরূপ সংযুক্ত করিতে হইবে।

(গ) মার্কের প্রতিরূপ স্পষ্ট, টেকসই এবং ফটোকপি প্রতিচ্ছায়া পুনরুৎপাদনের উপযোগী হইতে হইবে।

(ঘ) ট্রেডমার্কটি রঙিন হইলে এবং ঐ রং-এর মধ্যে গুরুত্বপূর্ণ হইলে বক্সে টিক চিহ্ন দিন ☑

(ঙ) মার্কটিতে ইংরাজি বা বাংলা ব্যতীত অন্য শব্দ বা অক্ষর থাকিলে উল্লেখ করুন

অন্যান্য	মার্কটির অনুবাদসহ	মার্কটির প্রতিবর্ণীকরণসহ

৪। শ্রেণি (একটি মাত্র শ্রেণির পণ্য বা সেবা)ঃ Class 35 (Service)

৫। পণ্য/সেবার বর্ণনা অনুসারে পণ্য/সেবার তালিকা। বহু পণ্য/ টুকরা পণ্য হইলে পণ্যের বর্ণনার পর পক্ষম অবসিসে বর্ণিতমতে বহু পণ্যের নম্বর উল্লেখ করিতে হইবে (অপ্রয়োজনীয়টি কাটিয়া দিন)।

Advertising; business management; business administration; office functions and all other services included in class 35

(দ্রষ্টব্য: পণ্য বা সেবা একাধিক আন্তর্জাতিক শ্রেণিভুক্ত হইলে পৃথক আবেদন করিতে হইবে। পণ্য বা সেবার তালিকার জন্য প্রয়োজন হইলে পৃথক শীট ব্যবহার করুন)।

"**Thank you** for considering **SOHUB** for your building management needs. We look forward to the possibility of working together to make your operations more **energy-efficient** and sustainable."

www.sohub.com.bd