Outdated or **Automated?**

Seamless System Integration

Integrating diverse technologies—KNX for smart building automation, LoRaWAN for IoT connectivity, and AV systems.

Custom Audio-Visual Solutions

AV systems that blend high-performance sound, stunning visuals, and intuitive one finger control—tailored for your space and purpose.

LoRaWAN Smart Connectivity

Deploy scalable, long-range, and low-power IoT solutions with LoRaWAN to enable intelligent energy monitoring, industrial automation, smart cities, and building management systems.

End-to-End Project Execution

From consultation and design to installation and after-sales support, we provide full lifecycle services to ensure seamless project delivery.

Real-Time Monitoring & Control

Integrated platforms allow clients to monitor and control AV, energy, and IoT systems in real-time (on-site) or remotely.

Deep Integration

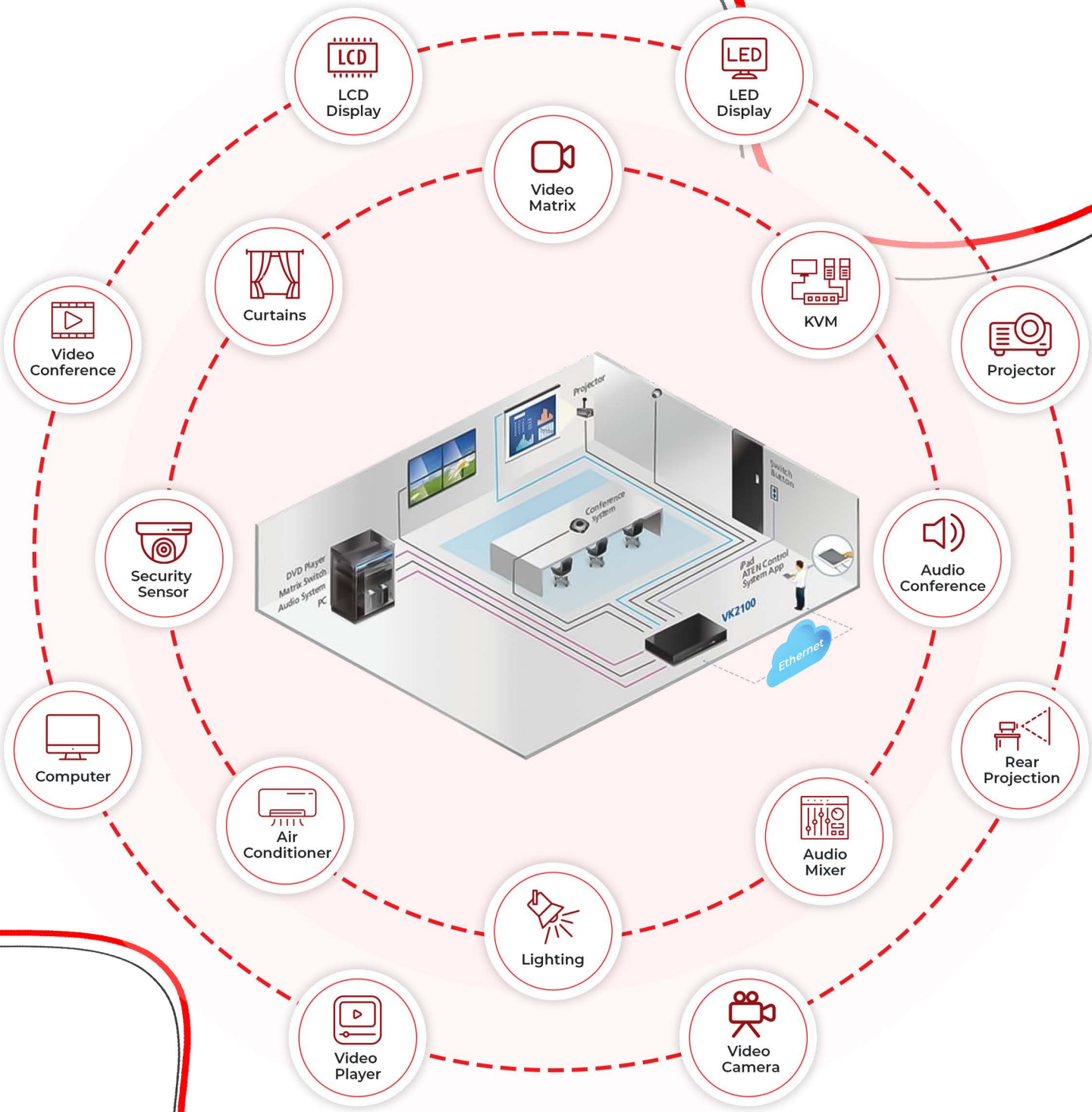
- Audio-Visual Device
- Automation/Control System
- IoT & LoRaWAN
- Energy Management System
- AI Integration

All-in-One
Control System

No more
remote control

Connectivity Through Smart

CONTROL SYSTEM



Commercial Business Solution

Smart Meeting Room

Temperature Humidity Motion Sensor

Energy Consumption Monitoring

Interactive Flat Panel

01

Milesight

WS203
Motion & TH Sensor

02

Milesight

WS523
Smart Portable Socket

03

Milesight

UG65
Semi-Industrial LoRaWAN® Gateway

04

Meeting panel

Standard **Conference Room**

Commercial Business Solution

DSP Amplifier

Ceiling Speaker

Chairman-Delegate System

Room Booking System

01

ATEN

AP206
2 x 60W Power Amplifier with DSP

02

ATEN

AS106
6.5" Coaxial Ceiling Loudspeaker

03

ATEN

VK430
Room Booking System - 10.1" RBS Panel

04

itc

TS-W302
Chairman wireless microphone

05

itc

TS-W302A
Delegate wireless microphone

Smart Guest Room

Hospitality and Healthcare Solution

Fall Detection

Room Devices Control

FnB Integrated System

01

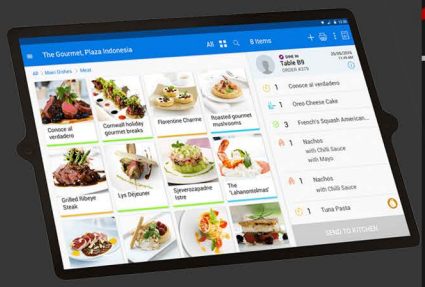
Milesight

VS373
Radar fall detection sensor

02

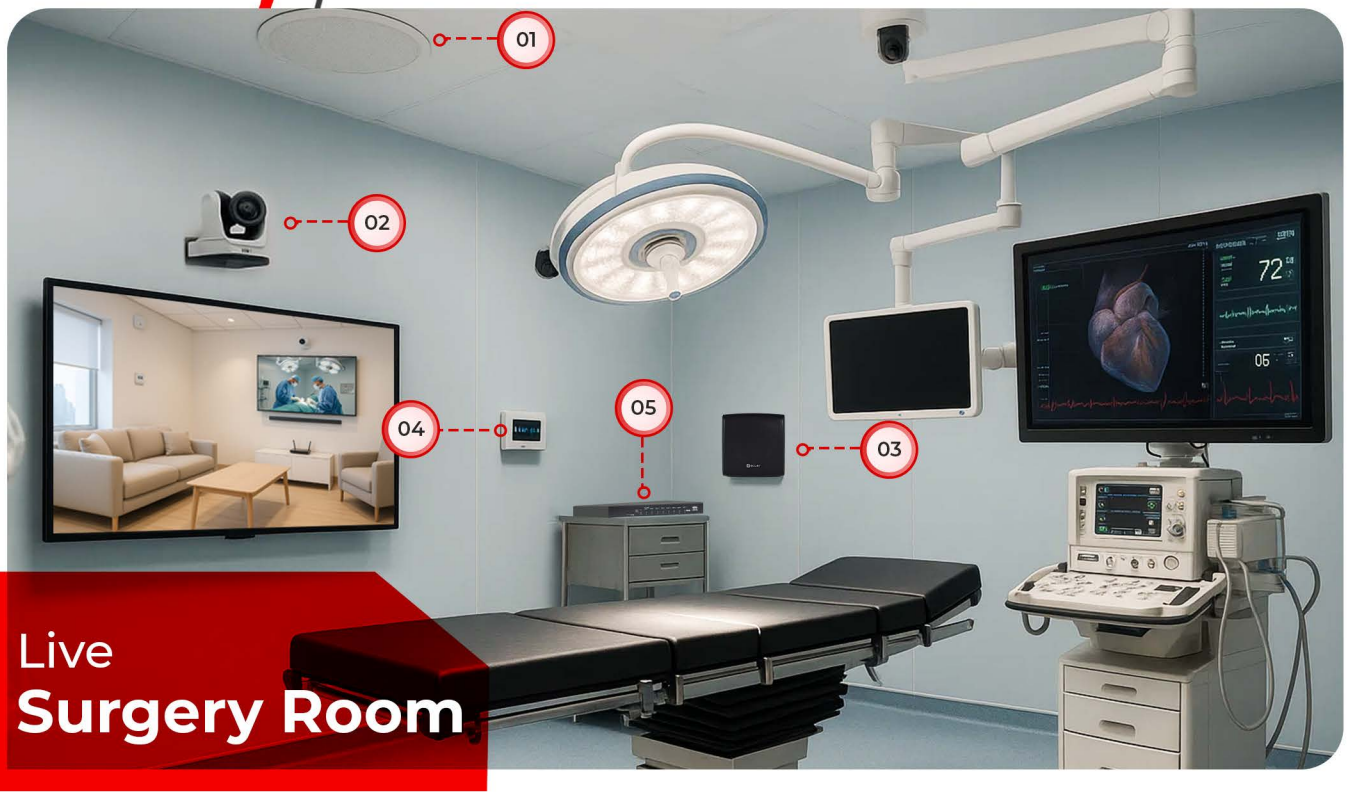
HVAC, lighting, Roller blind, and TV control from tablet

03



FnB system integration on tablet for order

Live Surgery/Operation Theater



Live
Surgery Room

- Audio Video Over IP
- Control System using Touch Panel
- Invisible Microphone

01

SHURE

MXA920
Ceiling Array Microphone

02

Lumens

VC TR-30
AI Auto Tracking Camera

03

ecler

eMOTUS5016
Commerical Loudpseakers

04

ATEN

VK330
10.1" Touch Panel

05

ATEN

PE6208AV
20A/16A 8-Outlet 1U Metered & Switched eco PDU

Live Surgery/Operation Theater

Waiting Room

01

ROCWARE®

RC821U
Zoom Certified 1080P
60FPS PTZ Camera

02

SHURE

MXA710
Linear Array Microphone

03

ecler

eMOTUS5O16
Commerical Loudpseakers

Smart Hybrid Classroom

Education Solution

- Controll All Device Using Touch Panel
- AI-Tracking Camera
- Interactive Hybrid Learning

01

ROCWARE®

RC841U
Lecture Camera

02

ROCWARE®

RC821U
Student Camera

03

ATEN

VK320
Touch Panel

04

FONESTAR

SONORA-4TN
Surface Speaker

05

65" Intelligent Collaboration Device

Smart Auditorium

Education Solution

- Dolby Atmos 7.2
- Cinema Grade Speaker
- Power Management Control
- 138” ALL-in-One 4K COB LED

01

138" LED All-in-One 4K COB Display

02

HD 7.2.4
Professional Panoramic Sound Processor

03

PC-10
Coaxial Surround Speaker

04

WA-118
Single 18”Subwoofer

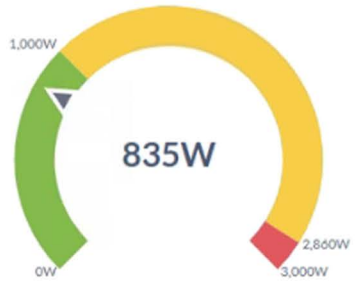
05

PG95330
3-Phase eco PDU

Smart Dashboard

Tab 1 | AC | Lighting | Table

AC Ruang Kerja 1



AC Ruang Kerja 2

AC Ruang Kerja 3

AC Ruang Meeting

Lighting Ruang Meeting

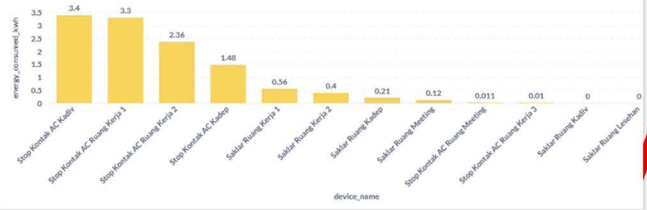
Current Switch States

device_name	switch_1_status	switch_2_status
Saklar Ruang Kadep	ON	ON
Saklar Ruang Kerja 1	ON	ON
Saklar Ruang Kerja 2	OFF	ON
Saklar Ruang Lesehan	OFF	OFF
Saklar Ruang Meeting	ON	OFF

Device Online Status

device_name	location	application_type	status	last_seen	minutes_since_last_seen
Saklar Ruang Kadep	Office	Lighting	Online	May 28, 2025, 10:49 AM	18
Saklar Ruang Kadiv	Kadiv	Lighting	Offline		
Saklar Ruang Kerja 1	Office	Lighting	Online	May 28, 2025, 10:58 AM	9
Saklar Ruang Kerja 2	Office	Lighting	Online	May 28, 2025, 10:48 AM	19
Saklar Ruang Lesehan	Office	Lighting	Online	May 28, 2025, 10:48 AM	19
Saklar Ruang Meeting	Meeting Room	Lighting	Online	May 28, 2025, 11:06 AM	0
Stop Kontak AC Kadep	Office	Air_Conditioner	Online	May 28, 2025, 11:06 AM	0
Stop Kontak AC Kadiv	Kadiv	Air_Conditioner	Online	May 28, 2025, 11:06 AM	0
Stop Kontak AC Ruang Kerja 1	Office	Air_Conditioner	Online	May 28, 2025, 11:06 AM	0
Stop Kontak AC Ruang Kerja 2	Office	Air_Conditioner	Online	May 28, 2025, 11:06 AM	0
Stop Kontak AC Ruang Kerja 3	Office	Air_Conditioner	Online	May 28, 2025, 10:50 AM	16
Stop Kontak AC Ruang Meet...	Meeting Room	Air_Conditioner	Online	May 28, 2025, 11:06 AM	0

Daily Energy Consumption



Hourly Power Consumption