

SAMSUNG



HOTEL

Samsung B2B Integrated Offering

Key Devices and Solutions

Integration

Cloud-based management system

Monitor device status for all rooms remotely through a dashboard
Identify potential issues before customers even notice a problem
Bolster safety with a smarter security system

1 b.iOT

2 SmartThings Pro

3 VXT

Personalization

Guest-tailored technology

Access a range of services, personalized for each individual guest,
from automated check-in/check outs to IoT devices and room entertainment options
Offer solutions that fit your customers' unique requirements

1 SmartThings Pro

2 WindFree™ 1way

3 Clean Oxygen Solution

4 Hotel TV

5 AirDresser, ShoeDresser

ESG

Sustainability leadership

Solutions that save energy and improve your environment credentials
Maximize energy efficiency while lowering maintenance costs

1 LEED Platinum

2 Fan Terminal Unit

3 LED Lighting

Unmanned Solutions

The hotel of the future

Provide additional services that help reduce costs
Cost-effective unmanned solutions handle everything from customer service
to housekeeping and hotel operations

1 Cleaning Robots

2 Serving Robots

3 Parking Robots

4 Parking Control System

5 Unmanned Kiosk

Landmark

Iconic visual display

Elevate the interior and exterior of your hotel to offer your guests
new experiences with a variety of signage display options

1 Outdoor LED Signage

2 Indoor LED Signage

3 Harman Sound System

4 Martin Lights



Journey by HOTEL Users

Samsung B2B Integrated Offering

Reduce your energy consumption and step up your management efficiency with IoT services powered by Samsung and affiliates' solutions for integrated offerings that pave the way to profitability



Lobby

Unmanned Kiosk

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Guest Room

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Additional Facilities

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Parking Lot

Parking Robot

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Contactless processes make check-ins and check-outs faster and more convenient

Unmanned kiosks provide fast, convenient services and reduce costs

Smooth, relaxed check-ins and checkouts

- Cut down on waiting time with unmanned check-ins/check-outs

Improve cost efficiency

- Reduce front office expenses
- Resolve staff shortages in hotels

*The Images shown are for illustrative purposes only.
*Embedded processors may vary depending on the model.
*Appearance and specifications may change without notice for improvement.



Hotel TV provides an immersive viewing experience and helps personalize your room effortlessly

4K experience and sound optimization

- Automatic screen optimization (for sports, dramas, and games)
- Low-resolution content converted to high-resolution with 4K Upscaling
- Dolby Atmos surround stereophonic sound for movies and sports

Tailored guest rooms with SmartThings Pro

- Check on a room's temperature, lighting and even blind/curtain settings with SmartThings Pro
- SmartThings Pro 'Web Control' lets you control Samsung home appliances without the need for an app

Customized information and convenient room service with LYNK Cloud

- Showcase customized information sorted by reason for visit
- Easy room service ordering with tablet PCs in guest rooms

Make your stay more enjoyable and convenient

*The Images shown are for illustrative purposes only.

*Some features and functions provided by connected devices may not be supported or offer limited use.

*LYNK Cloud License must be purchased separately.



Cool comfortably
without direct wind

WindFree™ 1way provides all day comfort that ensures you're always refreshed and relaxed

WindFree™ cooling

- Creating WindFree™ Cooling with about 10,000 micro holes
- Automatically change from normal cooling mode to WindFree™ cooling via thermostat temperature settings

About 10,000 Micro holes



WindFree™ Cooling

When entering a comfort zone



Normal Cooling

When moving out of a comfort zone

Air purification for all seasons

- Removing even ultra fine dust by PM1.0 filter
- Using as an air purifier in spring and fall when dust and pollen



Energy saving

- WindFree™ cooling saves energy compared to normal cooling

*Availability may vary by country, region, service provider, or device, and contact your regional sales manager for more details.

[WindFree™ cooling]

*American Society of Heating, Refrigerating and Air-Conditioning Engineers(ASHRAE) define Still air(WindFree™ Air Conditioner)as lower than 0.15 m/s wind with no ColdDraft.

*Operating conditions : Outdoor unit AC140BXAPHH3, Indoor unit AC140BN4PBH1 (Panel : PC4NUFK1NW) Standard cooling operation : Outdoor (35 °C DB / 24 °C WB), Indoor (27 °C DB / 19 °C WB)

[WindFree™ Air Conditioner cleaning feature]

*Test organisms : E. coli, Staphylococcus aureus, each with a sterilization rate of over 99% (Measurement of sterilization efficiency against bacteria attached to the surface of the electrostatic precipitator filter by spraying harmful bacteria for 10 minutes and operating the clean mode)

*The test protocol is verified by Intertek and conducted under Intertek supervision.

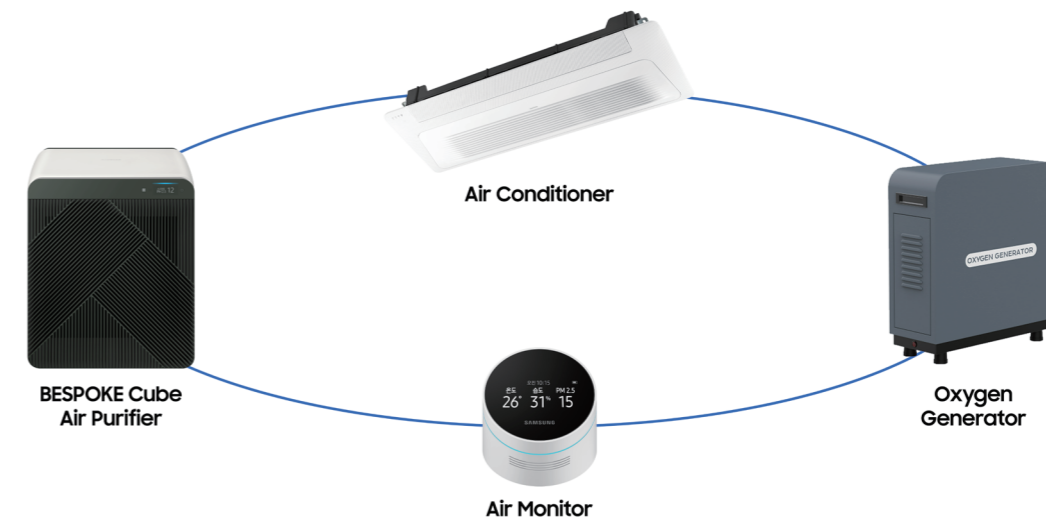
*Test results are verified by Intertek and may vary depending on actual usage environment.

*This is an optional feature.

*Deodorizing filters for brush-type products are optional features.



Clean oxygen solution ensures your guests feel at ease



Real-time indoor air quality monitoring and purification

- Detect temperature, humidity level, pollution rates, harmful gases, and CO₂
- Automated air conditioners and air purifiers via SmartThings link
- BESPOKE Air purifier even removes ultra fine dust with washable PM1.0 filter

Fresh oxygen supply

- Maintain an oxygen concentration level similar to that of forest
- Create an optimal environment with a smart air conditioning system

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*Images in this proposal are simulated for understanding.



Enjoy a pleasant guest room experience, tailored for each individual guest



AirDresser and ShoeDresser, easy clothing and shoe care for a clean and comfortable room

AirDresser

Bulk care course for guest convenience

- Manage up to 9 garments at once: sterilize and deodorize
- Remove 10 types of viruses, including influenza A, adeno, and coronavirus
- Remove 9 types of bacterias: Staphylococcus aureus, E.coli, and more
- Remove pollen and perchloroethylene particles

ShoeDresser

Odor removal with air wash and UV deodorizing filter

- Air wash and UV decomposition filter effectively remove 95% of shoe odors
- Low-temperature delicate drying under 40°C; faster than natural drying
- Xenon UVC lamp removes viruses and germs

*Availability may vary by country, region, service provider, or device, and contact your regional sales manager for more details.

[Air Dresser]

*Results are from preclinical laboratory at College of Pharmacy, Korea University and may vary depending on actual usage environment.

*Test results are verified by international certification agency Intertek and may vary depending on actual usage environment.

[Shoe Dresser]

*Virus Sterilization: Tested by Pharmaceutical Science Research Institute, College of Pharmacy, Korea University under verification by Intertek, an international certification agency. Results may vary depending on actual usage environment.



A glow up for guests' gear



**Clean smart
while your guests are out**



**Serving robots assist
anywhere, anytime**

Cleaning robots reduce working hours for hotel cleaners

More powerful performance

- Wipe dust, fur and other debris, and use a rotating wet mop to clean floor stains
- Can be used as a steam cleaner for automatic dust emptying or as a wet mop

Customized cleaning based on different situations

- Five sensors distinguish between floor and friction to implement military-grade cleaning methods
- Spatial recognition function lets you create shortlist for places you want to clean

*The Images shown are for illustrative purposes only.
*Cleaning robots can detect carpets over 5mm in height. If no carpet is detected, the cleaning robot operates under default cleaning mode.
*Space recognition technology may be affected by the object's shape or its surrounding environment.

Serving Robots increase the satisfaction of guests through unmanned service

Non-face-to-face interactions address guests' needs

- Offer amenity delivery services, room service, and more
- Convenient smartphone controls

SmartThing Pro link

- Managers and guests can use and manage services with a mobile app
- Managers can check device statuses in real-time

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b.IoT ensures everything runs smoothly for a smart hotel in the control room

b.IoT seamlessly integrates HVAC, mechanical equipment, energy management, and more

Efficient integrated controls

- Integrated controls for air conditioning units, mechanical equipment, lighting, and renewable energy: Evolves for more efficient hotel management

Energy saving algorithms

- Comfort control (Creative Economy Innovation Center, South Korea)
- Optimal start (Warsaw Spire, Poland)
- Price response control (Suwon Digital City Research Building, South Korea)
- High efficiency control (Samsung SEHC, Vietnam)
- Target control (Chonnam Nat'l Univ., South Korea)
- Part load control (Samsung R&D center, Seoul Nat'l Univ, South Korea)

*The Images shown are for illustrative purposes only.
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*Effect of energy saving algorithm may vary depending on the actual use environment.
*Information above is subject to change with software updates.



Safety checks that go beyond the control room

SmartThings Pro pre-detects risk factors in rooms and common areas for safe

Monitor emergencies for faster response

- Monitor the device status of all rooms remotely on a dashboard
- Use the dashboard to generate an alarm for emergency situations in rooms (smoke in the room, leakage, fire, etc.)
- Pre-recognition and response to risks in public areas and parking lots through intelligent CCTV control

Effortlessly manage additional facilities

- Improve the efficiency of managing additional facility equipment with device status checks and remote control options

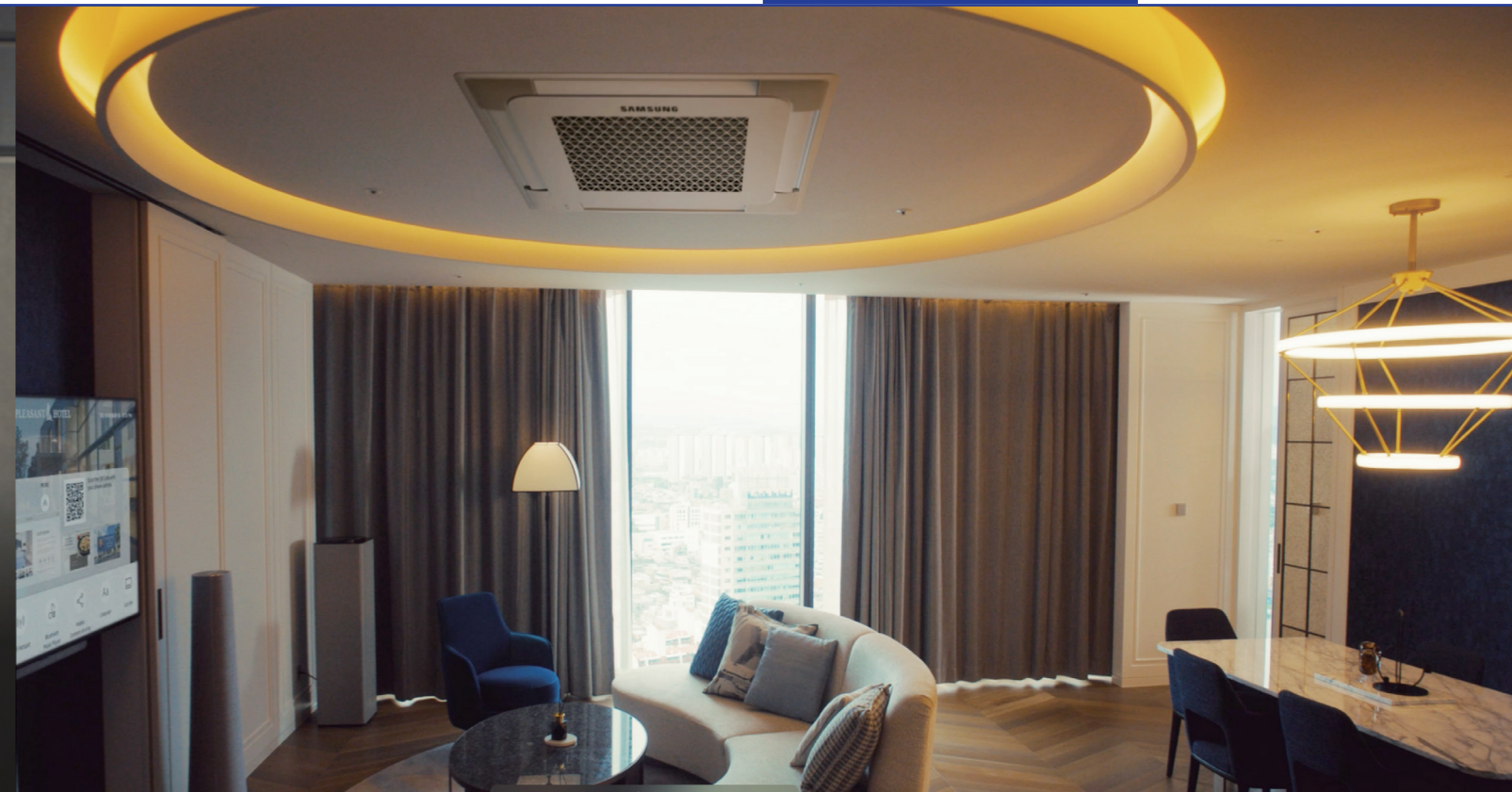
Energy saving AI algorithm

- Reduce energy consumption by detecting empty rooms

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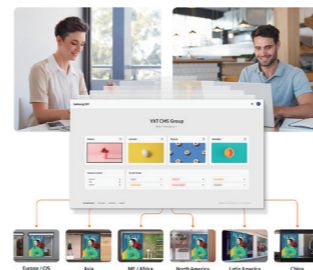
Management efficiency through integrated operation



VXT provides stable screen management and real-time update
(Visual eXperience Transformation)

Easy content operation

- Various types of displays operate as one with VXT CMS (Hotel TV, signage)
- Making it easy for non-experts to produce content



Convenient content scheduling

- Simple display content schedule management according to space-specific schedules



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LED lighting control linked with SmartThings Pro and b.lot

Interwork with SmartThings Pro/b.lot

- Adaptable lighting and color temperature tailored to hotels' ambiance
- Convenient controls via smartphone

High power efficiency

- Lower energy consumption compared with incandescent lamps and fluorescent lights

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LED signage creates landmarks through immersive experiences

Indoor LED signage

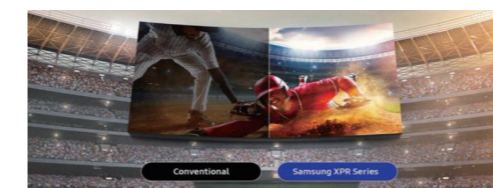
- Captivating your guests with indoor LED signage displays
- Providing effective information and interior effects suitable for various places

Outdoor LED signage

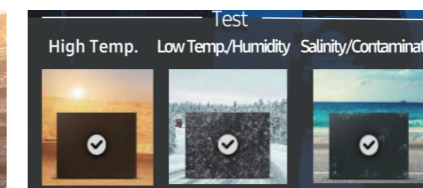
- Displaying promotions for your guests with media facades and varied contents
- Digital media devices serve as a distinctive landmark, setting the area apart from other cities



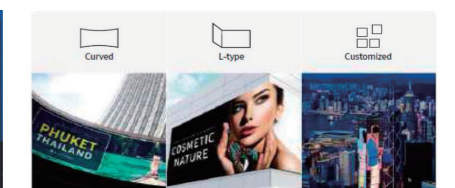
Offer guests an unforgettable experience with Samsung



Vivid image with high luminance, playback rate

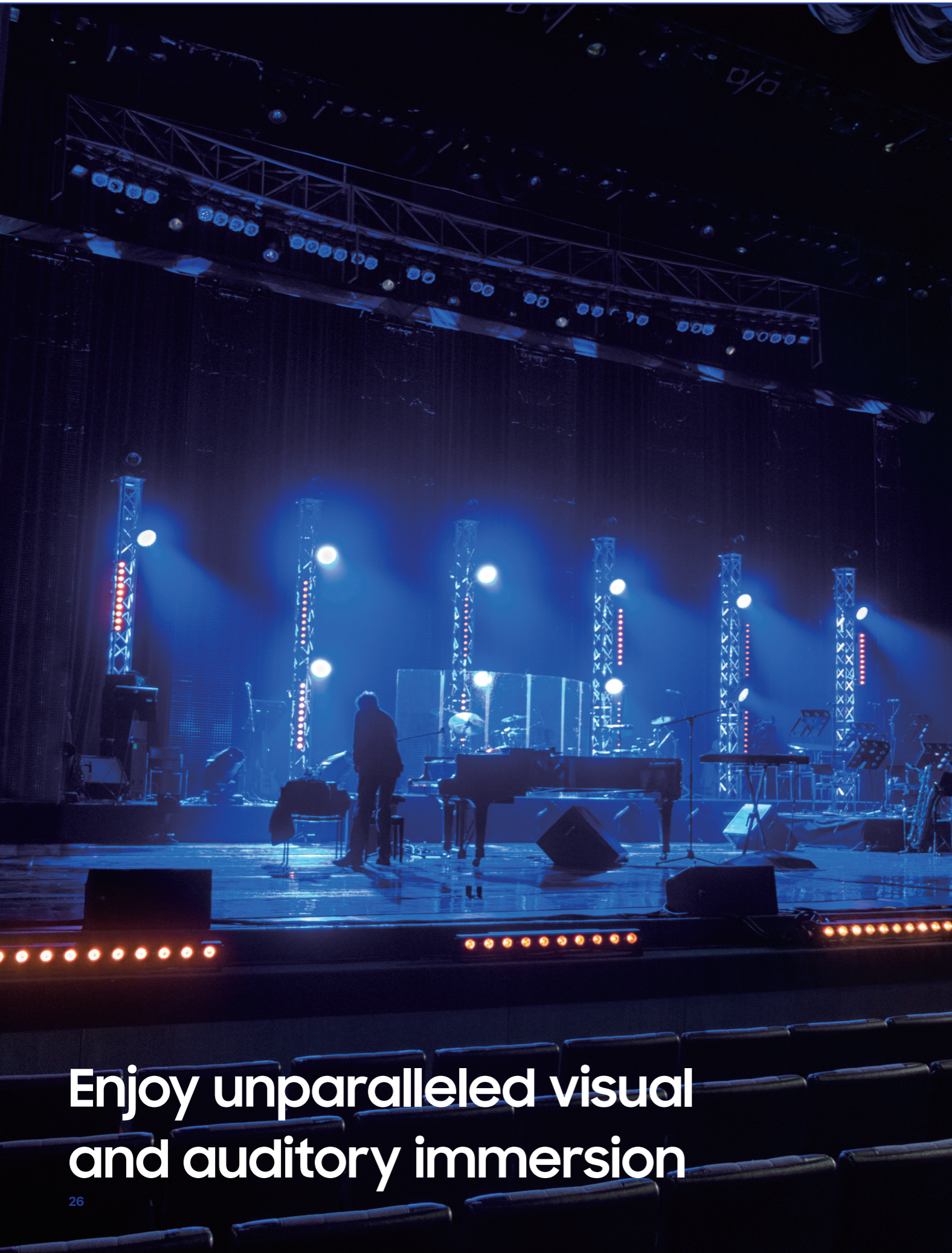


Strong durability with strict special design



Unstructured design for customer needs

*The Images shown are for illustrative purposes only.



Enjoy unparalleled visual and auditory immersion

Harman implements spatial sound while Martin excels at optimizing visual effects

Harman Sound System

Deep, sophisticated, and powerful sounds

- Immersive, sophisticated viewing experiences with professional speakers
- Improve attendee immersion at event venues by minimizing audio blind spots
- Access customized product lines tailor-made to fit space, size, and usage requirements



Martin Lights

A visual experience to pair with excellent acoustics via Martin harman lighting

- Wide range of lighting options help to create magnificent backdrops for events and functions
- A system that provides optimum effects for multi-purpose space usage
- Various lighting solution options (effects lighting, floor lighting, and point lighting)



*The Images shown are for illustrative purposes only.



A solution that factors in both the environment and your budget



Energy-efficient, sustainable hotels pave the way for a better future

FTU enhances energy efficiency and space optimization with budget-friendly and eco-conscious designs

(Fan Terminal Unit)

Personalized ventilation efficiency

- Increased ventilation efficiency versus ceiling air distribution-type
- Reduce unnecessary energy consumption by supplying air conditioning to occupied areas only

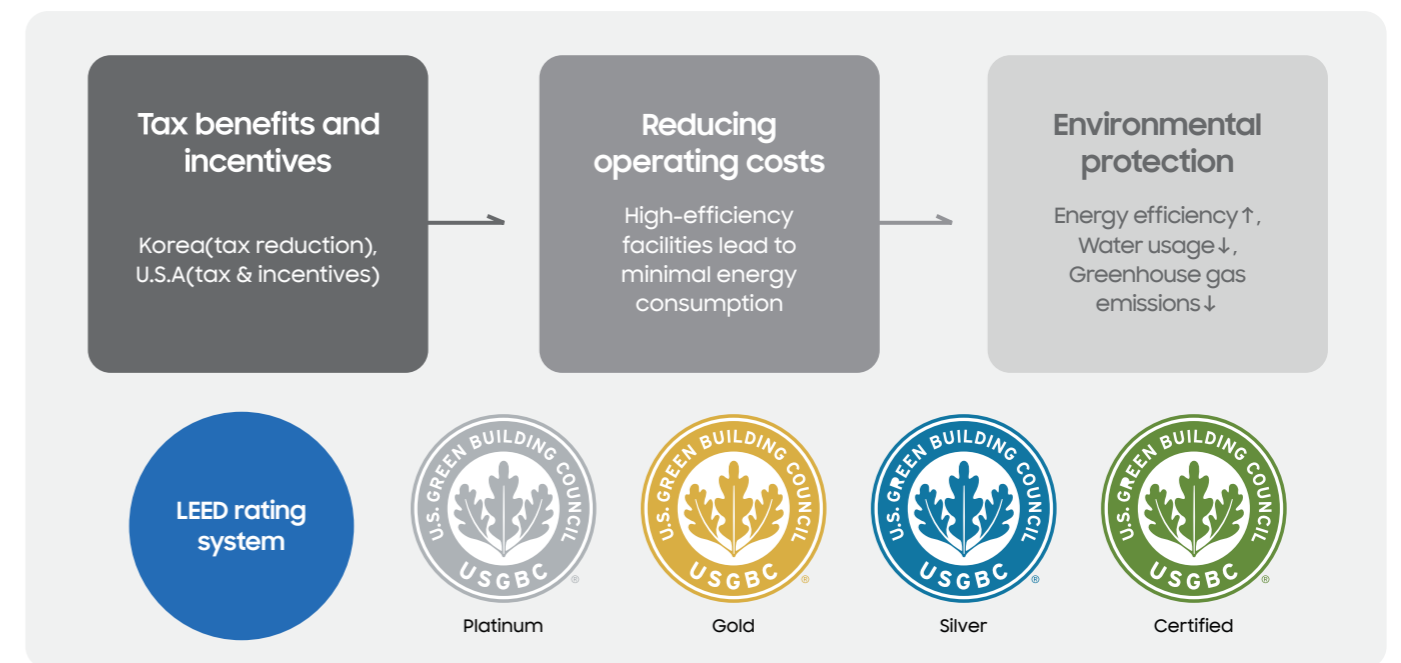
Reduce construction costs

- Installing air conditioning cartridges externally and using FTUs increase ceiling height compared to ceiling-based air conditioning

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Samsung supports your journey towards LEED certification

- Highly effective for branding and promoting sustainability-focused hotels
- Establish and implement strategies to help attain platinum-grade status





**Automatic parking
reduces costs
and boosts convenience**

**Parking robots help
locate vacant spots and guide vehicles in and out**

Increased convenience

- Help for drivers who struggle with parking
- Upon arrival and departure, guests can efficiently book parking spaces without experiencing delay
- Information search via b.IoT link (entry/exit information, occupied/vacant space status)

Efficient space usage and risk prevention

- Minimize vehicle gaps with front/side entry and self-rotation
- Reduce the risk of accidents that may occur in parking lots with parking system automation

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HOTEL Solution Map

Lobby



360 Cassette



Cleaning Robot



Signage



KIOSK

Guest Room



WindFree™1way



System Ventilation



Air Monitor



Air Purifier



BESPOKE AirDresser



ShoeDresser



BESPOKE Water Purifier



QLED TV



BESPOKE Jet Bot Combo™ AI Steam / Delivery Robot

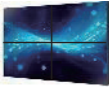
Common Place : Display



Outdoor LED Signage



Indoor LED Signage



Video Wall



Signage



The Frame TV



QLED / Crystal UHD TV



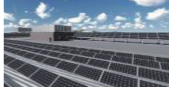
Flip Pro

Common Place : Integrated infrastructure

b.IoT VXT
LYNK Cloud
SmartThings Pro



Wireless AP



Solar Power



LED Lighting



Wireless CCTV



ESS



Harman AV



Electric Vehicle Charging System

Additional Facilities



Video Conference Solution (with Harman AMD)



Fan Terminal Unit



Flip Pro



Smart LED Signage



360 Cassette

Parking Lot



Parking Control System

Common Place : Air conditioning system



Turbo Refrigerator



Cooling Tower



Water-to-water Geothermal Heat Pump



Temperature & Humidity Controller



Ventilation System



EHP / GHP / EHS



Absorption Refrigerator



FCU



AHU



WindFree™ Air Conditioner



Non-welded Joint

SAMSUNG