

Smart building integration

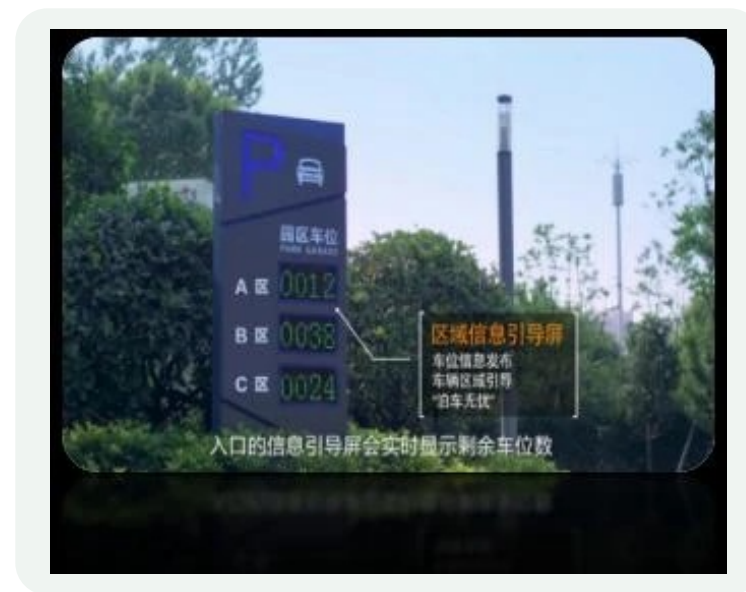
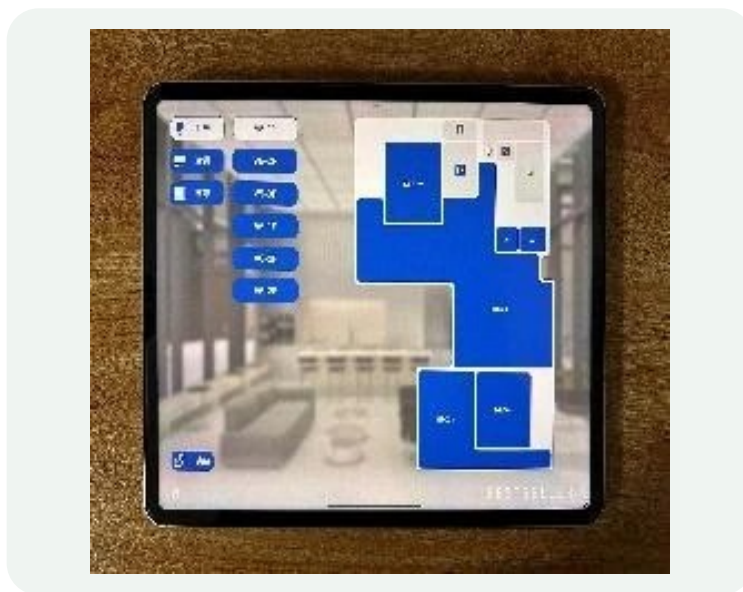
Connect separate systems into coordinated building operations.



Coordinate people, vehicles, equipment and energy around the same building.

Where would you start?

Coordinate people, vehicles, equipment and energy around the same building.



Invite ahead, verify on arrival and grant temporary access, alongside reception signage.

View status by floor, zone and device; manage lighting, cooling, blinds and alerts.

Connect space reservations, plate-based access and guidance with visitor workflows.

Make systems work together across the journey.

Review OA, Outlook, WeCom, DingTalk, Feishu and device interfaces by version, permissions and protocol.

People and touchpoints

WEB	Mobile / H5	Reception display
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Business services

Visitors / access	Meetings / desks	Parking / parcels
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Devices and data

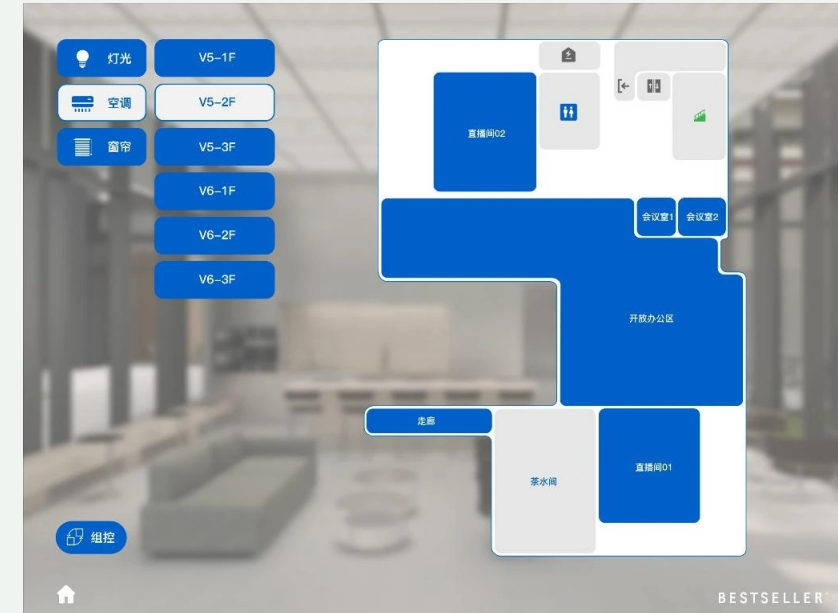
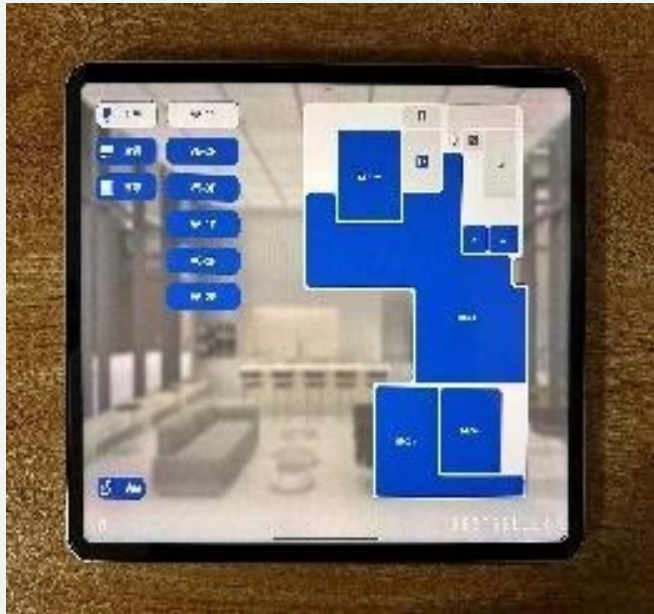
Lighting / HVAC	Gateways / meters	Sensors / cameras
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Integration and operations

APIs / permissions	LAN / server / VM	Reporting / roles
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Office automation & centralized control

Control devices by floor and zone, with schedules, bookings, sensing and indoor conditions.



View zone and device states on a tablet; control blinds, lights, cooling and displays by role.

Lighting zones & scenes

Switch and dim by circuit or zone, using schedules and light levels.



Control depends on interfaces, controllable points and permissions; retain local operation and equipment protection.

Cooling, ventilation & indoor conditions

Measure temperature, humidity, CO2 and particles, with comfort bands and equipment safeguards.



Agree baselines, operating times and reporting scope before comparing energy and comfort under comparable conditions.

Energy & comfort

Measure energy and indoor conditions, identify waste, then validate control strategies.

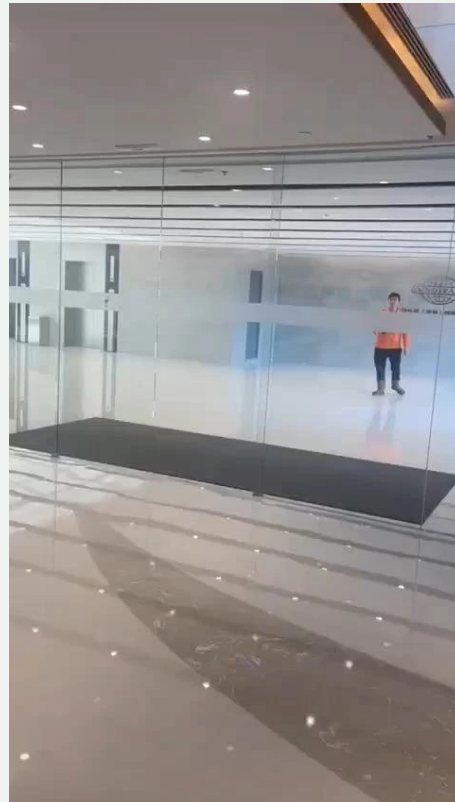


Verify savings with site data, not illustrative estimates.

Agree baselines, operating times and reporting scope before comparing energy and comfort under comparable conditions.

Touchless employee attendance

Connect camera capture, staff matching, check-in display and reporting for daily attendance.



Configure staff records, capture zones, shifts and display rules; validate recognition with actual lighting, distance and cameras.

Define capture scope, staff notices, retention and viewing roles under local requirements.

Reception & arrival

Invite ahead, verify on arrival and grant temporary access, alongside reception signage.



Grant approved access for the visit window; elevator authorization and dispatch depend on interfaces.

Visitors & floor access

Grant approved access for the visit window; elevator authorization and dispatch depend on interfaces.



Review OA, Outlook, WeCom, DingTalk, Feishu and device interfaces by version, permissions and protocol.

Control depends on interfaces, controllable points and permissions; retain local operation and equipment protection.

Location integration for controlled zones

Define capture scope, staff notices, retention and viewing roles under local requirements.

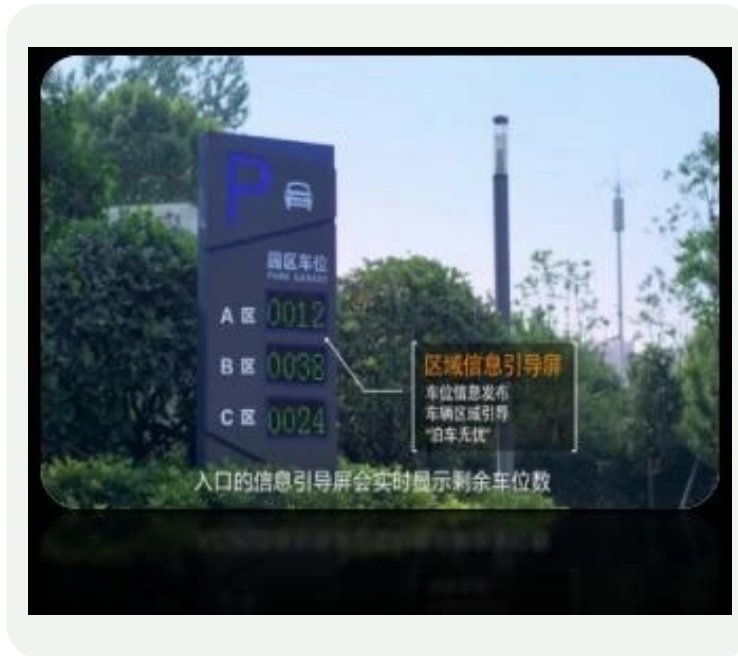


Location integration for controlled zones

UWB visitor badges and anchors, or location analysis using authorized cameras, are optional project integrations. Review coverage, notices, retention and viewing permissions. They are not a default requirement for visitor registration.

Vehicles & parking

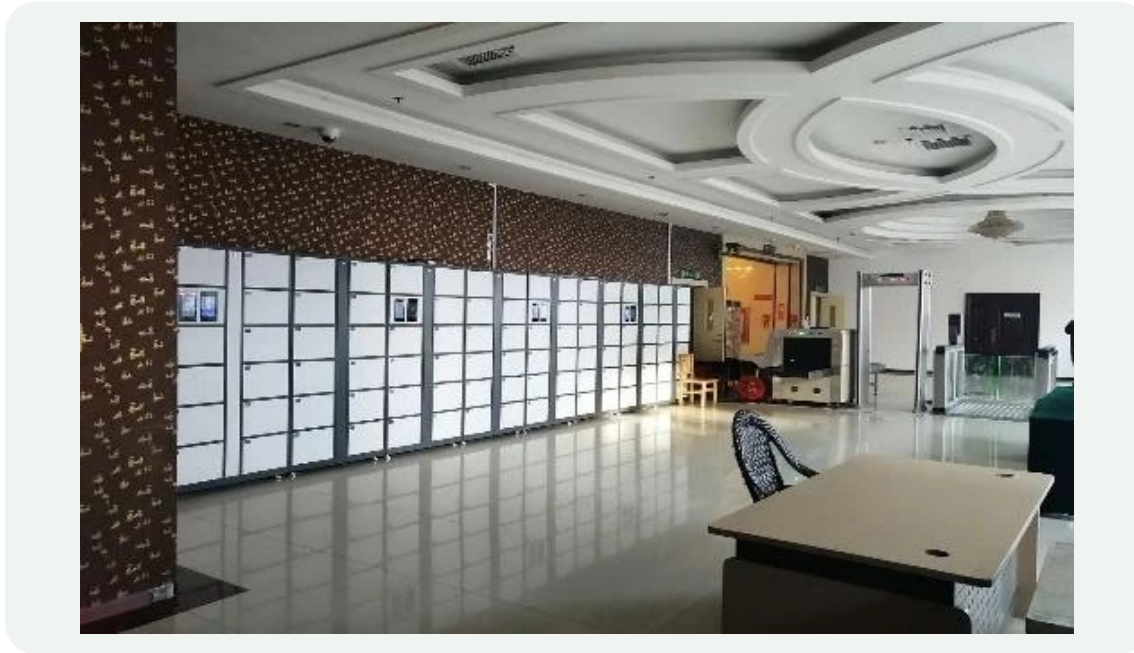
Connect space reservations, plate-based access and guidance with visitor workflows.



Review plates, barriers, occupancy sensors and signs against existing protocols; configure reservation and visitor links separately.

Parcel reception management

Connect deposit, notifications, identity checks and collection records for office parcel handling.



Configure compartments, staff directories, messaging and authentication; SMS, email and WeCom depend on interfaces.

Record parcel handling, notify staff through configured channels and open the verified compartment.

Building operations visualization

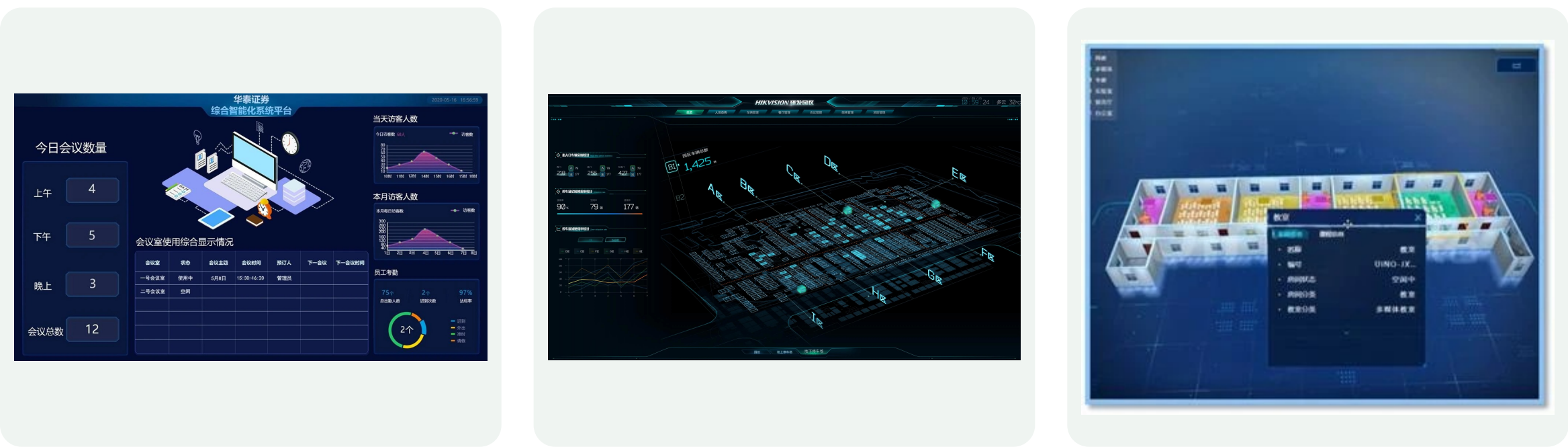
Bring floor models, parking, meetings, indoor conditions and energy into one view.

Define models, data points, interfaces and views per project; live status and actions depend on connected data and controls.



Meeting, parking & energy dashboards

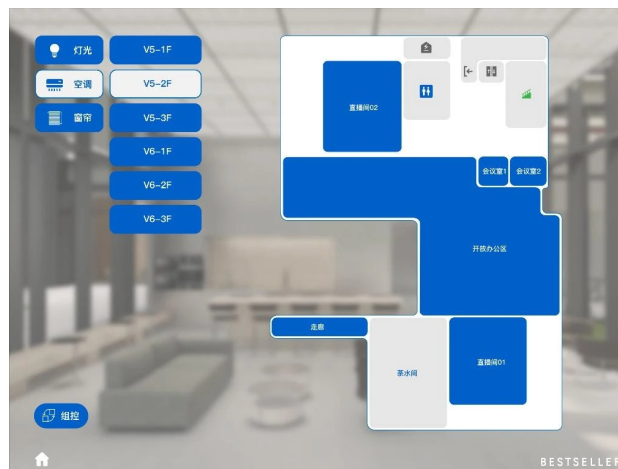
Aggregate connected business data with agreed reporting definitions and update intervals.



Map floors, zones and device locations and display connected data.

Keep existing systems and connect the workflows you need.

Review OA, Outlook, WeCom, DingTalk, Feishu and device interfaces by version, permissions and protocol.



Business systems / field devices / audiovisual

Connect business workflows through OA, Outlook, WeCom, DingTalk and Feishu. Review TCP/IP, HTTP(S), RS232, RS485 and Modbus by device. Dante, DMX512, SDVoE and H.264/H.265 relate to selected audiovisual devices and links; configure them by equipment.

Validate one zone, then extend by floor.

Host management software and records; size resources for users, interfaces and operations.



Connect the LAN and equipment; configure acquisition and control by protocol, network and point list.

Verify bookings, access, device states and reports; hand over roles, instructions and fault procedures.

See the systems on site.

Centralized office and meeting controls, with booking, audio, announcements, access and video security.



Daikin Guangzhou smart office



Daikin Guangzhou smart office



Daikin Guangzhou smart office

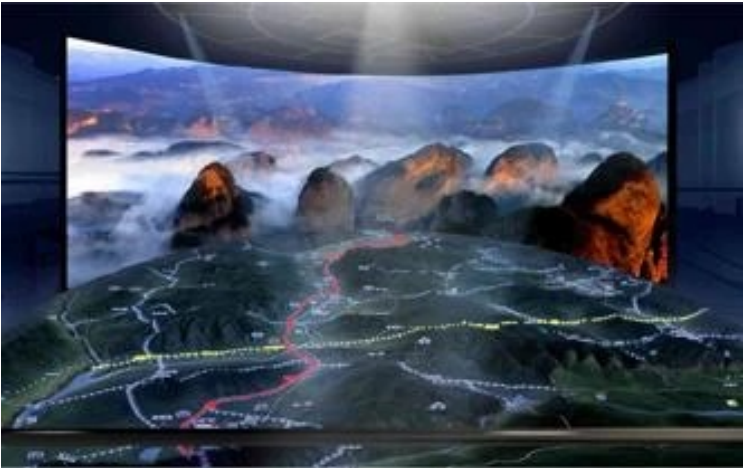
Daikin Guangzhou smart office - Centralized office and meeting controls, with booking, audio, announcements, access and video security.

Bestseller Hangzhou smart office - Centralized lighting, cooling, blinds and meeting equipment across two buildings, with visitor, signage and meeting services.

Hexuan Xi'an smart office - Desk and meeting booking, signage, lighting and indoor monitoring with centralized office controls.

Cross-sector integration references

Aggregate connected business data with agreed reporting definitions and update intervals.



Cross-sector integration references in the joint proposal

Baipenzhu Reservoir: an integrated platform and water-infrastructure visualization. Mianyang tobacco factory: a digital control room and meeting facilities. Nanning museum: multimedia exhibitions and interaction. These references come from the July 2024 ZUAD / Shanghai Qianyi joint proposal and retain its stated project scope.

Connect separate systems into coordinated building operations.

Configure software and hardware for your site.



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Prepared from ZUAD proposals, including the 2024 ZUAD / Shanghai Qianyi building proposal. Delivery is project-specific.

PC or virtual server

Host management software and records; size resources for users, interfaces and operations.

Switches & control gateways

Connect the LAN and equipment; configure acquisition and control by protocol, network and point list.

Commissioning, acceptance & training

Verify bookings, access, device states and reports; hand over roles, instructions and fault procedures.