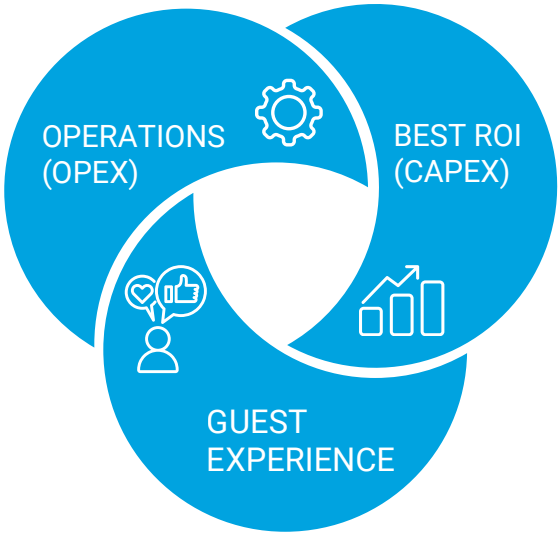
HIQ Hospitality

Powered by Robotina

Hotels • Hostels • Resorts • Glampings • Distributed hotels • Mobile homes • B&Bs & Inns • Serviced Apartments • Boutique & Specialties

“Efficiency Meets Experience: The Power of Hotel Tech Integration”



SINGLE PLATFORM, WHOLE PROPERTY
Rooms, common areas, BMS/EMS, EV Charging on one hardware/software stack.

TWO USER INTERFACES, TWO ROLES
S-RMS for reception/operators; web SCADA for engineers, both anchored to the same controllers.

DIGITAL KEYS & EV CHARGERS
Same RFID/QR key for room entry and EV chargers.

OFFLINE-CAPABLE
S-RMS software continues locally without internet; cloud augments when available.

BOUTIQUE-READY
Flexible templates for hotel, glamping, mobile homes and distributed hotels.

KEY OUTCOMES BY STAKEHOLDERS

- **Guests**
  Intuitive room control (touch panel and optional web app via QR scan on the room touch panel or iPaper), comfort scenes, silent energy saving with occupancy logic, integrated EV charging, digital keys.
- **Operations**
  Room status automation (DND/MUR/SOS), digital keys, faster turnovers, self-check-in, centralized monitoring.
- **Owners**
  Up to double-digit energy savings, reduced integration/maintenance costs via one hardware/software stack for the whole property, multi-site visibility and benchmarking.

GRMS IQ

Guest Room Management System

- Digital keys integrated with PMS - self-check-in and kiosk compatible
- PIN • QR • RFID • iBeacon on one reader
- Presence-based energy saving (no card holder anymore)
- Window/door ↔ HVAC interlock + automatic reset to default values
- Room statuses (SOS, DND, MUR) visible to reception/housekeeping
- Welcome light & scene presets
- Remote monitoring & control (reception/operators)
- All access events are logged locally and synchronized with the server

ROOM CONTROL FROM A PHONE

No app needed — just scan the QR code on the room's touch display or iPaper to instantly control lighting, HVAC, and scenes through the guest web app.

Guest Room Management Extensions

ACCESS IQ

Enhances security across shared and service areas

- Centralized access management
- Smart rule-based entry with time and count limits
- Full event logging with synchronization

HVAC IQ

Extends intelligent climate management beyond guest rooms

- Centralized temperature, ventilation, and air quality
- Automatic adjustment according to occupancy data
- Scalable integration with any HVAC device type

LIGHTING IQ

Unified lighting control for public and functional spaces

- Scene-based control for corridors, meeting rooms...
- Automatic brightness and color temperature adjustments
- Harmonized design and functionality with guest room lighting

CHARGING IQ

Expands energy management to include EV charging

- User identification via GRMS access credentials
- Load balancing & prioritization based on occupancy & demand
- Optional integration with PMS / billing systems

HiQ Hospitality Software Building Blocks

For Reception & Front Office:

S-RMS Room Management Software (on-prem)

- Online/offline operation; resilient even without an internet connection.
- Configure rooms, issue digital keys, see statuses (DND/MUR/SOS) and control devices.
- Ideal daily tool for reception/operators (PC or tablet in the back office).

For Technical Staff

Web SCADA (same HIQ hardware platform)

- Custom interface for monitoring and control of building systems - boilers/chillers, AHUs...
- Engineering and maintenance views with real-time data, device states, and control options

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For Front Office, Owners & Multi site Ops

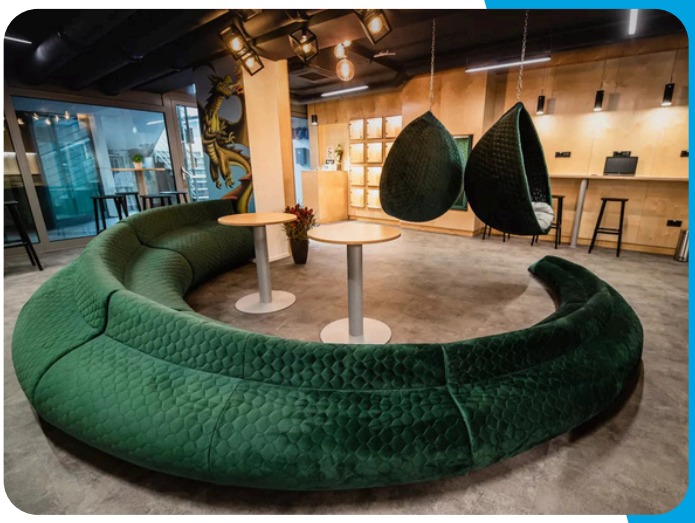
4Spaces Control (Cloud)

- Portfolio view across all hotels; open a site and jump directly to that site's S RMS or web SCADA from one page.
- Dashboard and events overview, role-based access.

For Integrations

4Spaces Connect (Cloud)

- Marketplace/API for integrations: PMS (Protel, Bentral…), housekeeping, guest journey / TV, payment / POS.
- Templates reduce project time and cost.



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