

SERVICE SPECIFICATION / PHYSICAL SECURITY

Access control

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Credentials, readers, controllers, locks, door contacts, request-to-exit devices, schedules, power, network, and administrator policy, with project-specific door-hardware and life-safety review.

Intended outcome

Controlled openings with tested credential, schedule, door-position, power-loss, network-loss, and approved emergency behavior.

Service scope

An access-controlled opening is more than a reader. It includes the door, frame, latch or lock, closer, hinges, power transfer, egress hardware, door contact, request-to-exit method, controller, power supply, network path, credentials, schedules, and event policy.

A qualified door-hardware and life-safety review may be required. The authority having jurisdiction, fire-alarm contractor, architect, or hardware specialist determines applicable requirements; an integrator should not replace that review with a generic wiring assumption.

How the system fits together

01 Opening	Door, frame, lock, closer, egress, contact, request to exit
02 Field control	Reader, controller, supervised inputs, relays, protected power
03 Platform	Identity, credentials, groups, schedules, events, audit trail
04 Interfaces	Fire alarm, elevator, gate, intercom, video, visitor workflow

Typical project triggers

- Keys are difficult to recover or audit
- Door events do not match the physical state of the opening
- Multiple credential systems create inconsistent access
- New tenant, department, restricted area, elevator, or gate workflows



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Delivery and acceptance

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The final project scope identifies quantities, locations, dependencies, and the evidence required at each delivery stage.

01 Survey the opening

Document door and frame condition, hardware, egress, fire rating, power, pathway, network, accessibility, and current key or credential workflow.

Acceptance evidence: Door-by-door survey with hardware photos, measurements, existing conditions, and issues requiring specialist or authority review.

02 Define states and policy

Map authorized groups, schedules, lock and unlock behavior, forced or held events, power loss, network loss, emergency interface, and credential lifecycle.

Acceptance evidence: Door function matrix, credential and schedule matrix, riser, power budget, and interface responsibility list.

03 Coordinate and implement

Sequence locksmith, electrical, fire-alarm, network, and security work; install and label devices; then configure roles and event rules.

Acceptance evidence: Labeled controller and field wiring, device inventory, configuration export, and coordination signoffs.

04 Exercise every state

Test valid and invalid credentials, schedules, door position, request to exit, forced and held events, power and network states, and approved emergency interfaces.

Acceptance evidence: Opening-by-opening acceptance sheet, event-log samples, exception register, administrator accounts, and training record.

Handover deliverables

- Door survey and function matrix
- Hardware, power, pathway, network, and interface design
- Credential groups, schedules, event rules, and administrator record
- State-by-state acceptance results and event-log samples
- As-built door schedule, labeled panels, asset list, and training

Closeout: GHT and the customer review the agreed evidence, record unresolved exceptions and owners, and confirm acceptance against the signed project scope.



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Planning and scope boundaries

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Customer and site inputs

- Door, frame, hardware, egress, fire-rating, and accessibility conditions
- Users, groups, schedules, credential issue and revocation workflow
- Required behavior during power, network, fire-alarm, and lockdown states
- Available pathway, controller location, power, batteries, and network
- Integration, event retention, reporting, and administrator requirements

Constraints and coordination

- Door hardware, egress, accessibility, fire rating, and emergency release require project-specific review
- Access control records entry events; they do not prove a person's identity or prevent tailgating by themselves
- Cloud administration and mobile credentials depend on licensing, supported devices, and connectivity
- Existing doors may need locksmith, glazing, carpentry, electrical, or fire-alarm work outside the security scope

Commercial scope and responsibilities

This specification describes the service framework. The signed statement of work defines included equipment, quantities, software licenses, integrations, access windows, schedule, pricing, warranty, and support coverage. Additional construction, electrical work, recurring subscriptions, and ongoing support require an explicit line item.

The customer appoints an acceptance owner and provides authorized access, required site information, and decisions. GHT records assumptions, coordinates assigned work, and submits changes for agreement before expanding the scope.

Technical references

Security Industry Association — Open Supervised Device Protocol | Source review: 2026-08-20

National Institute of Standards and Technology — SP 800-53 Rev. 5: Security and Privacy Controls | Source review: 2026-08-20

United States Access Board — Guide to the ADA Standards: Entrances, Doors, and Gates | Source review: 2026-08-20

Service guide and project discussion | Source review: 2026-09-06