

1. Scope of Services

To diagnose, troubleshoot, repair and restore the RBH RC-2 access control system to full operational functionality, ensuring reliable and secure operation of the access-controlled door.

- Conduct a full inspection of the RBH RC-2 access control controller, associated power supply, and field wiring.
- Diagnose the cause of the access control system malfunction.
- Verify the incoming AC supply and 12/24 VDC output voltages to the controller and locking device.
- Inspect and test the power supply unit and fuses
- Test the operation of the RC-2 controller, including all status LEDs and relay outputs.
- Verify the operation of the card reader and communication between the reader and the controller.
- Verify that all controller inputs and outputs are correctly configured and functioning.
- Identify and replace any faulty components, including relays, fuses, power supply units or other defective hardware.
- Reprogram or reconfigure the controller if required to restore normal operation.
- Perform functional testing of the complete access control system after repairs, including:
 - Card access operation.
 - Door unlock and relock sequence.

2. Specific deliverables

- Compulsory site visit
- Submit proof of experience in similar projects
- Submit of primary professional qualification to work on RBH access control hardware (e.g., AxiomXa or specific manufacturer technical accreditation provided directly by RBH Access Technologies)
- Submit Technical Report within three (3) working days, following diagnostic work.