Cluster Gate System

Executive Summary

The Cluster Gate Access System is an advanced, secure, and efficient solution designed to streamline access control for various facilities. This system incorporates cutting-edge technologies such as RF ID, web-based settings and reporting, API support, and special guest access to meet the diverse needs of modern facilities. This proposal outlines the features, benefits, and implementation plan for the Cluster Gate Access System

Key Features

1. **RF ID Access Control**
   - ➢ Utilizes Radio Frequency Identification (RF ID) technology for secure and quick access.
   - ➢ Supports various RF ID card types, enhancing compatibility and user convenience.

2. **Block Special IDs**
   - ➢ Provides the capability to block specific IDs, ensuring enhanced security and preventing unauthorized access.
   - ➢ Easy management of blocked IDs through the web-based interface.

3. **Web-Based Management and Reporting**
   - ➢ Comprehensive web-based interface for easy configuration and management of the access control system.
   - ➢ Real-time reporting and analytics to monitor access logs, user activity, and system status.
   - ➢ Customizable alerts and notifications for critical events (Optional).

4. **API Support**
   - ➢ Robust API support to enable seamless integration with existing systems and third-party applications.
   - ➢ Facilitates data exchange and synchronization between the gate access system and other security or management systems.

Key Features

4. Running Text Display
  - ➢ Customizable running text to inform users of system status, alerts, and other relevant messages.
  - ➢ Enhances communication and awareness for users and administrators.
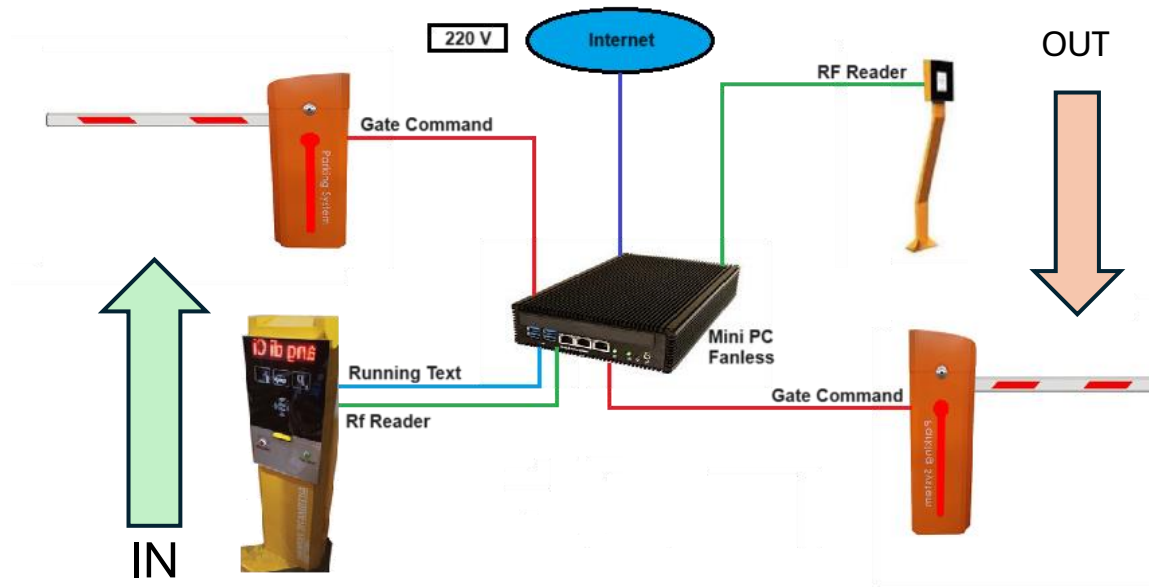
5. Special Guest Access
  - ➢ Temporary access permissions for visitors and special guests.
  - ➢ Customizable access levels and durations to meet specific requirements.
  - ➢ Simplified guest management through the web interface.

6. Emergency open gate remote button
  - ➢ Allows authorized personnel to remotely open the barrier in urgent situations such as emergencies or vehicle breakdowns.

Diagram Block

220 V

Internet

RF Reader

OUT

Gate Command

Parking System

Mini PC
Fanless

Running Text

Rf Reader

Gate Command

Parking System

IN

Spesification

1. **Barrier Gate**
   - Type : MX-80 series
   - Dimension (L x D x H) in mm : 390 x 325 x x1040 mm
   - Operating Ambien temperature : -20C to +55C.
   - Housing Colour: Grey, Orange
   - Arm Length: 4m

1. **Housing Rf Id Card Reader**
   - Gate IN: Manless Type + Running Text Display
   - Gate Out:Stand Alone

2. **Rf Id Reader**
   - Merk: Mifare ACR 1281S
   - Interface: RS232

3. **Computer**
   - Type: Mini PC Fanless.
   - Processor: I5 / 8 Gb
   - Disk: SSD 256 Gb
   - Operating System: Windows 10/11

4. **Software**
   - Gate Controller System: Desktop App
   - Management & Reporting System: Web Base

Quotation

Rental Option (1 gate in – out) :
- **Setup Fee :** Rp 7.500.000,-
- **Monthly Rental Fee**: Rp 4.500.000,- / month
  - Includes all hardware, software, installation, and ongoing support.
- **Minimum Contract Duration**: 24 months

All details about the contract, terms, and conditions will be discussed further if you are interested in proceeding.

We look forward to collaborating with you to implement this innovative access control solution.

Cluster Gate

The Cluster Gate Access System offers a robust and flexible solution to meet the security needs of modern facilities. By leveraging advanced technologies and providing comprehensive management tools, this system enhances security, efficiency, and user convenience.

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