

SECURITY SYSTEM, CONTROL METHOD, AND PROGRAM**ABSTRACT**

An object of the present disclosure is to mitigate a reduction in security caused by careless opening of a security gate. A security system (1) according to the present disclosure includes a first communication unit (11), a second communication unit (12), and a control unit (14). The control unit (14) is configured to determine, based on a detection result of a person, whether a condition is appropriate for opening a security gate (31) or is inappropriate for opening the security gate (31). The control unit (14) is configured to open the security gate (31) upon the first communication unit (11) receiving a door open request signal from the robot (5) when the condition is appropriate for opening the security gate (31). The control unit (14) is configured to keep the security gate (31) closed upon the first communication unit (11) receiving the door open request signal from the robot (5) when the condition is inappropriate for opening the security gate (31).

Fig. 1