

## **ABSTRACT**

An object of the present disclosure is to make a decision, by simple processing, that circumstances would not permit a robot to pass through. A robot system (1) includes a robot (2), a positioner (511), a decider (513), and a communications unit (52). The positioner (511) generates, based on a piece of information generated by a positioning system (P1) installed in a facility, location information of one or more objects present in a predetermined area which place obstacles in the way of the robot (2) that is moving. The decider (513) performs first decision processing. The first decision processing includes determining an occupancy rate of the one or more objects present in the predetermined area based on the location information of the one or more objects and deciding, when the occupancy rate of the one or more objects is equal to or greater than a threshold value, that the robot (2) be unable to pass through the predetermined area.