[ABSTRACT]

An on-board device includes a control unit configured to calculate vehicle information of a host vehicle in a vehicle information area which the host vehicle enters before the host vehicle enters a transmission on-board device determination area in which an on-board device that is to transmit vehicle information of vehicles in which an on-board device is mounted to a center is determined, to request communication from the on-board device mounted in an other vehicle when the host vehicle has entered the transmission on-board device determination area, to receive vehicle information of the other vehicle from the other on-board device not satisfying a representative vehicle condition in the transmission on-board device determination area by performing vehicle-to-vehicle communication which is performed between the host vehicle and the other vehicle when the vehicle-to-vehicle communication has been established after the representative vehicle condition has been satisfied, and to transmit the vehicle information of the host vehicle to the other on-board device satisfying the representative vehicle condition by performing the vehicle-to-vehicle communication when the vehicle-to-vehicle communication has been established before the representative vehicle condition in the transmission on-board device determination area is satisfied.