[ABSTRACT]

A delivery plan system includes a division unit that divides a delivery problem indicated by initial conditions into delivery problems having a smaller size on the basis of information on a demand and a supply for each delivery base included in the initial conditions or information on a delivery time limit of a delivery object in the delivery problem in which the delivery object is delivered to the delivery base having a demand, and a delivery plan generation unit that generates a delivery plan for the delivery problems obtained by the division performed by the division unit.