

ABSTRACT

The invention is directed to a delivery plan making system that makes a delivery plan of articles, the system including: a storage unit that stores a restriction condition for making a delivery plan and cost information used for calculating a delivery cost based on the delivery plan; a delivery plan making and cost calculating unit that makes a delivery plan before alleviation of the restriction condition to satisfy the restriction condition and calculates a delivery cost of the delivery plan before the alleviation based on the cost information; and a restriction alleviating unit that alleviate the restriction condition to generate a restriction alleviation plan, wherein the delivery plan making and cost calculating unit further makes a delivery plan after alleviation of the restriction condition so as to satisfy the restriction alleviation plan and calculates a delivery cost of the delivery plan after the alleviation based on the cost information, and outputs the restriction alleviation plan if the delivery cost of the delivery plan after the alleviation is lower than the delivery cost of the delivery plan before the alleviation.