

[ABSTRACT]

A verification processing device includes: an inspection processing unit which extracts elements of which states change in a process leading to an insecure event by means of a model inspection for a model to be inspected; a refinement processing unit
5 which determines, for each of the extracted elements, whether the element contributes to the occurrence of the insecure event and refines a cause element which is an element of a cause of the insecure event; and a receiving unit which receives, from an operator, a selection of at least one cause element from among a plurality of the cause elements, wherein the inspection processing unit performs the model inspection once again on an
10 improved model to be inspected which is a new model to be inspected in which a prescribed measure is executed for the selected cause element.