**CAEX Prompt**

**Context:** We have developed a Model-Driven Engineering (MDE) Workbench for CAEX (IEC 62424:2016). CAEX is one of the most promising standards for the data exchange between engineering tools in the production system automation domain. This is also reflected by the current emergence of AutomationML, which uses CAEX as its core representation data format. The Model-Driven Engineering Workbench for CAEX is based on the Eclipse Modeling Framework (EMF).

**Input Demonstration:** This is the CAEX metamodel:

<CAEX\_METAMODEL>

This is an example model based on CAEX metamodel:

<CAEX\_EXAMPLE\_MODEL>

**Output Demonstration:** This is a XES trace file representing the modeling step done when we created the example model based on CAEX metamodel:

<XES\_EXAMPLE\_TRACE>

**Task:** Generate the XES trace file from the following CAEX model, where the model represents another embedded application:

<CAEX\_MODEL>