# SUTI – The JSON version

## Background

SUTI Board has decided to make SUTI available not only in an XML-version but also in a JSON verson. The mission is now in action lead by the Technical Comitée of SUTI (TC). Plan is to have a first version ready as a 2020 standard.

TC have worked with the materia from a lot of different angels with the base ambition to have the current XML-version as a base even in future. The first ambition was to make a version where a simple conversion in both directions can be done.

The present work is not in that direction. The present plan is to take the opportunity to strengthen the standard with the possibility to convert between the two version with knowledge of both version.

Below you will find some first trials to present some basic principles and first examples of some of the different messages in SUTI.

## Basic principles

The first general ambition is to keep present structures and naming identical to the XML-version as far as this is a natural way to do so.

The second general ambition is to reduce the possibilities in each message to what is necessary for each message, not having general object used in many different messages slightly different.

The third ambition is therefore also to select a JSON schema that can be used to present the standard and presenting a possibility to check a message for validity.

In the seminar 12th of march in Stockholm we will more in depth cover some of the aspects of these three ambitions.

What is perfectly clear is that we will have no fixed solution ready for the seminar. The seminar will be used as a base of discussion founding the work for a proposal of 2020 SUTI JSON by the seminar later in 2020.

Please find in attached file some examples that will be discussed in the seminar.