Project no.:   **619209**

Project full title: **Analysis of MassIve Data STreams**

Project Acronym: **AMIDST**

Deliverable no.:   **D2.3**

Title of the deliverable: **A software library implementation of the modelling framework**

Contractual Date of Delivery to the CEC:	**31.03.2015**
Actual Date of Delivery to the CEC:	**31.03.2015**
Organisation name of lead contractor for this deliverable:	**AAU**
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Participants(s):	**P01, P02, P03, P04, P05, P06, P07**
Work package contributing to the deliverable:	**WP2**
Nature:	**R**
Version:	**1.0**
Total number of pages:	**22**
Start date of project:	**1st January 2014 Duration: 36 month**

Abstract:

In this document, we describe the software library implementation of the AMIDST modelling framework. We give a general overview of the developed core components consisting of the data structures and the database functionalities related to the AMIDST learning and inference algorithms. In addition, we present the HUGIN AMIDST API ensuring the interaction between the open source ADMIST toolbox and HUGIN software.

Keyword list: AMIDST modelling framework, software library, implementation, core components.