

**REPORT
RAPPORT
BERICHT**

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English version

**CIM Systems Architecture -
Vocabulary**

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CIM SYSTEMS ARCHITECTURE VOCABULARY

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Foreword

European Standardization in the field of AMT is undertaken by CEN TC 310, Advanced Manufacturing Technologies. In turn, its working group CEN/TC 310/WG 1, "Systems Architecture", hereafter referred to as TC 310 WG 1, is concerned with standardization work in the field of CIM Systems Architecture. This work is to be a pre-cursor and a contribution to the development of CEN and ISO standards in this area. In 1990 CEN/CENELEC WG-ARC (the pre-cursor to TC 310 WG1) completed the ENV 40.003, CIM Systems Architecture - Framework for Enterprise Modelling. In 1992 WG-ARC completed an Evaluation of Constructs for Function View as defined in ENV 40.003 - that evaluation has been published by CEN/CENELEC as a Technical Report R-IT-06.

In late 1992, WG-ARC was mandated to review national, European and international initiatives relating to Enterprise Model Execution and Integration Services (EMEIS) required for the execution of manufacturing enterprise models. This work is to be seen as a step toward establishing the requirements for a European standard in this area. The Statement of Requirements by TC 310 WG 1 constitutes the main outcome of that review.

The terms and definitions in this CEN Report are in line with ENV 40.003 and other standards documents from TC 310 WG 1.

This CEN Report is a preliminary step towards the drafting of a European Standard (ENV in the first phase) defining terms and definitions for CIM Systems Architecture.

This CEN Report refers to the work item M.0.3.1.4 in the work program of TC 310.

0. Introduction

During the preparation of standards documents further to ENV 40.003, a need has materialised for common and documented understanding of terms and definitions in the field of CIM Systems Architecture.

The selection of terms and the wording of definitions have, as far as possible, followed established usage. When there were contradictions, solutions agreeable to the majority have been sought.

The terms in this vocabulary are arranged in alphabetical order.

1. Scope

This CEN Report includes terms and definitions for currently used concepts relating to CIM Systems Architecture, Enterprise Modelling and Enterprise Models Execution and Integrating Services, as required by Advanced Manufacturing Technologies.