The V-model basically divides the development process into three sections: The decomposition on the left side of the V-model describes the transformation of requirements, which are presented as an input, into a system design. This leads to the second section of engineering in different disciplines, the domain-specific design process. The third section integrates the disciplines on the right side of the V-model during the system integration, verification and validation. The result or output of the V-model is a product. The model is supplemented by a bracket for modelling and model analysis, which begins and ends at the middle height of the two sides. Arrows between the two sides of the V-model illustrate the assurance of properties comprising verification and validation activities. Note, the assurance of properties is indicated right-to-left, which gives the impression of a retrospective process.

