



Virtual Reality

Frontloading activities for product feasibility studies

Before



Description

- The validation of product related changes in an early stage of the development phase can only be possible via the regular CAD systems or by means of prototype parts that are very costly and very difficult to manufacture. Under these conditions a quick and accurate validation from the production site is barely achievable.

After



- With the usage of Virtual Reality the validation of product related changes can be made in an immersive way, thus enhancing the speed and accuracy of the validation. This means that proper feedback from the production site can be quickly integrated in the product optimization cycles throughout the complete development phase.

Results and improvements

Shorter reaction time between development and manufacturing (frontloading). Less need of costly prototyping tools and/or parts in order to validate product related changes.

	Facts
Area	Pilot Plant 1
Saving	-
Investment	49,6 T€
Implementation date	2020