

KE-chain platform

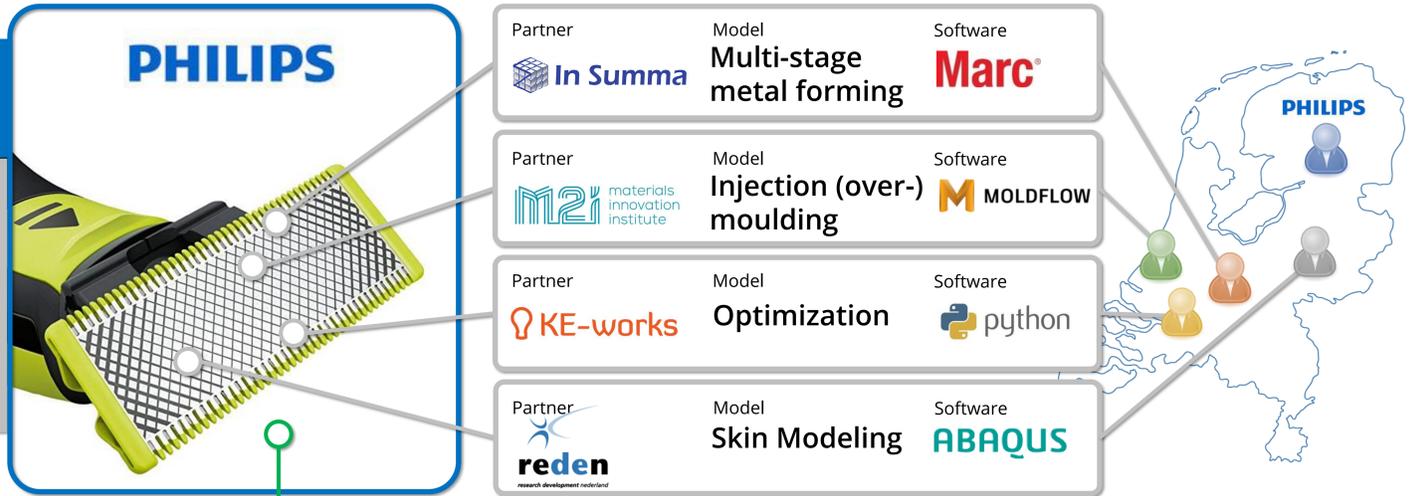
by KE-works

MULTI-* COLLABORATIVE DESIGN

Model-based collaborative engineering application based on remote services and common data standards

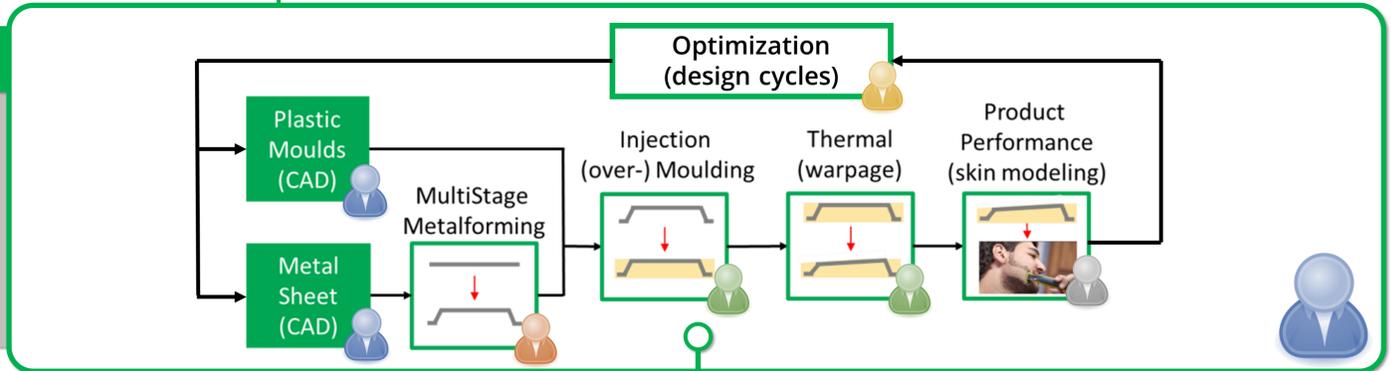
Optimize One-blade razor production process

Virtual design of the manufacturing process of the Philips One shaving machine blade. Minimize difference of warpage in production target shaver shape for **better shaving performance**



Key challenges

- Models need a complete and consistent data set
- Models adapted and updated for each design case and iteration
- Experts and software models are in local networks



KE-chain platform & VMAP

Online design environment

A VMAP web-app is developed as shared environment between any site with dashboards for simulation steps and complete design studies

Semi-automated workflow

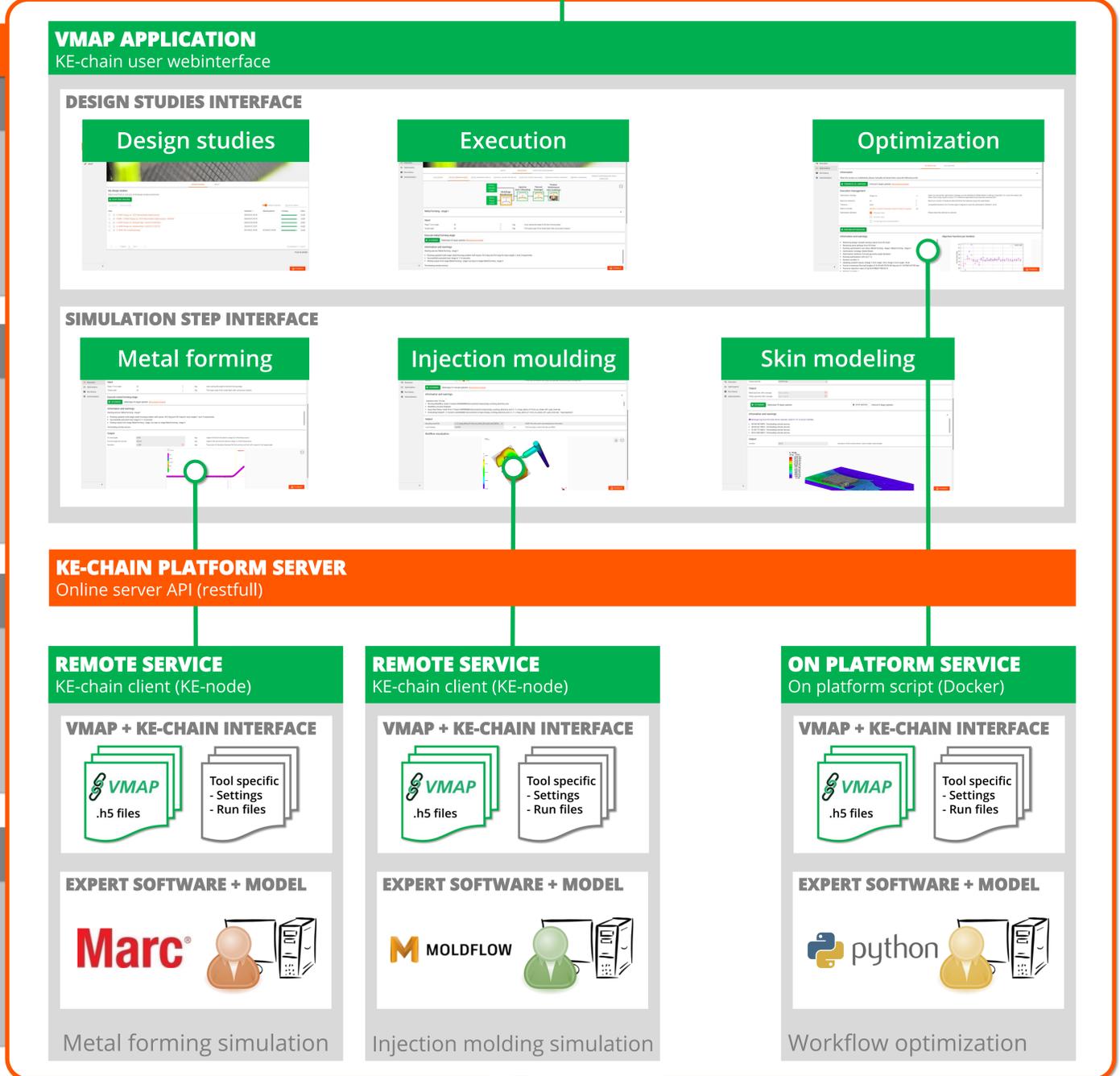
The web-app coordinates execution of the simulation steps and is able to manage multiple simulations with varying settings concurrently

VMAP + common data models

Data exchange uses the latest VMAP files and is extended with design study settings (e.g. injection time, temperature, casting die angles)

Remote service integration

The KE-chain client, KE-node, is a local installed client that connects local software applications with the online KE-chain platform



Join VMAP Standards Community