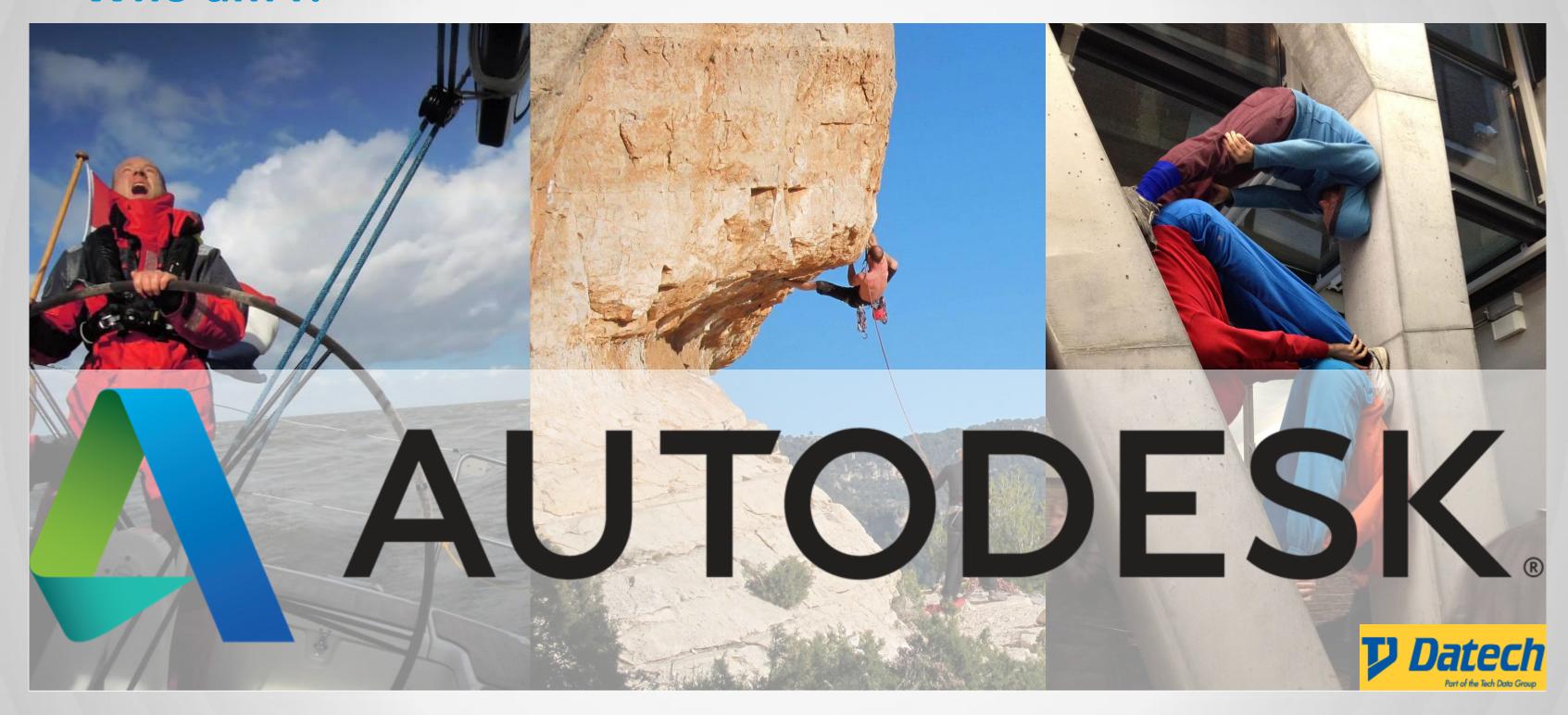


Who am I?





Who is Datech?

For our Resellers



- Training
- Support
- Pre Sales

For our End Customers

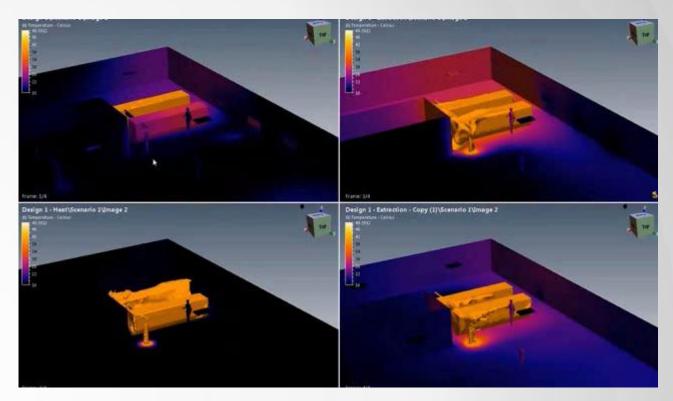


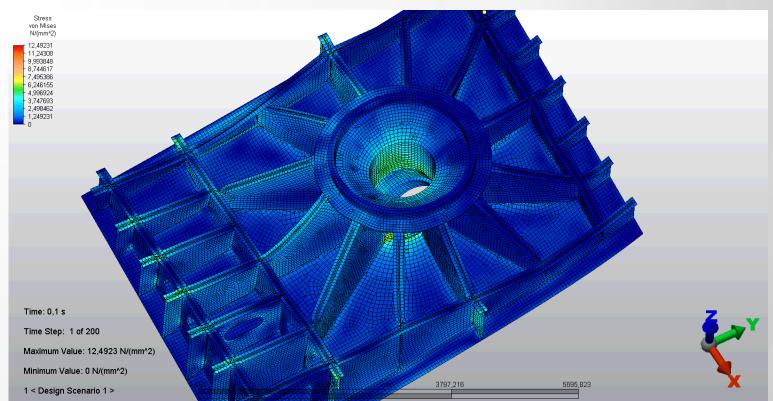
- Demo
- Guidance at work
- Events



Who am I?

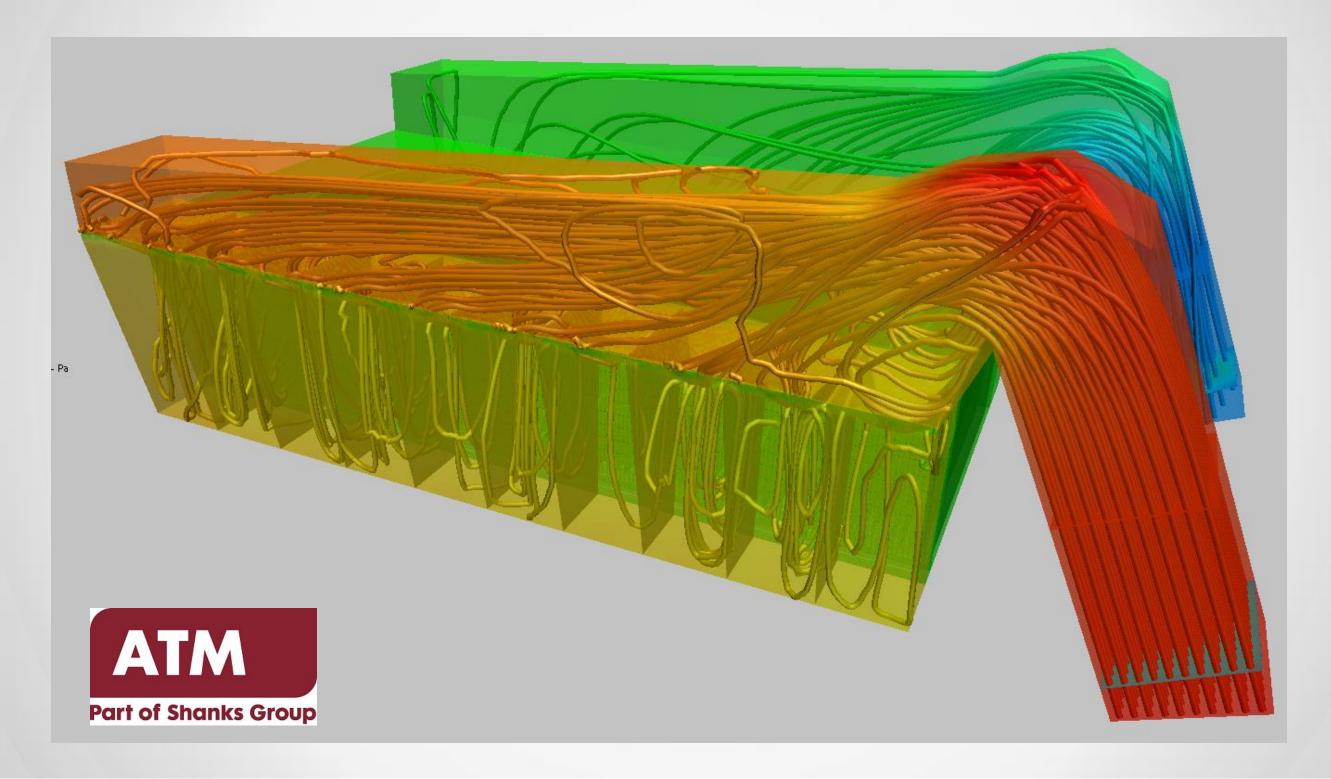






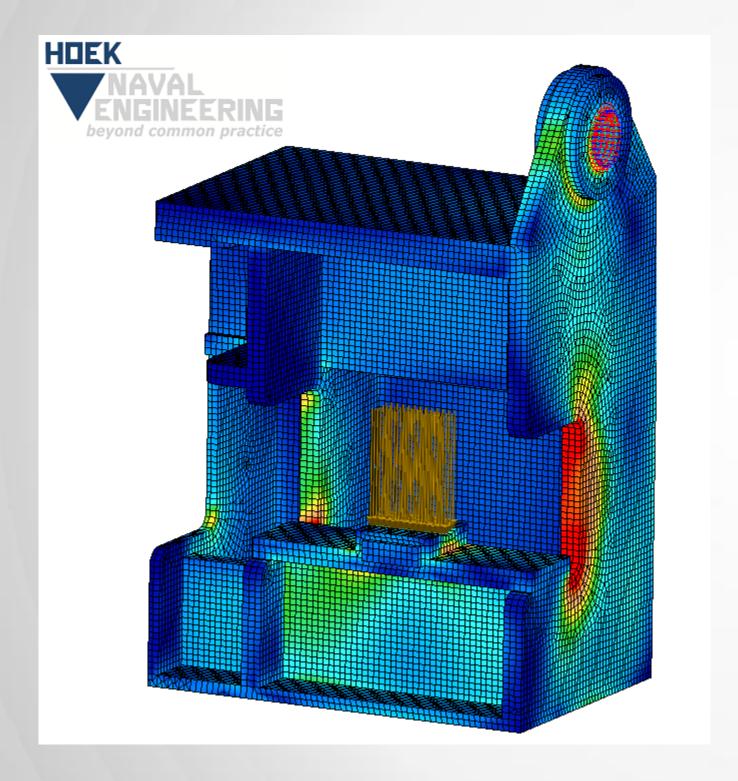


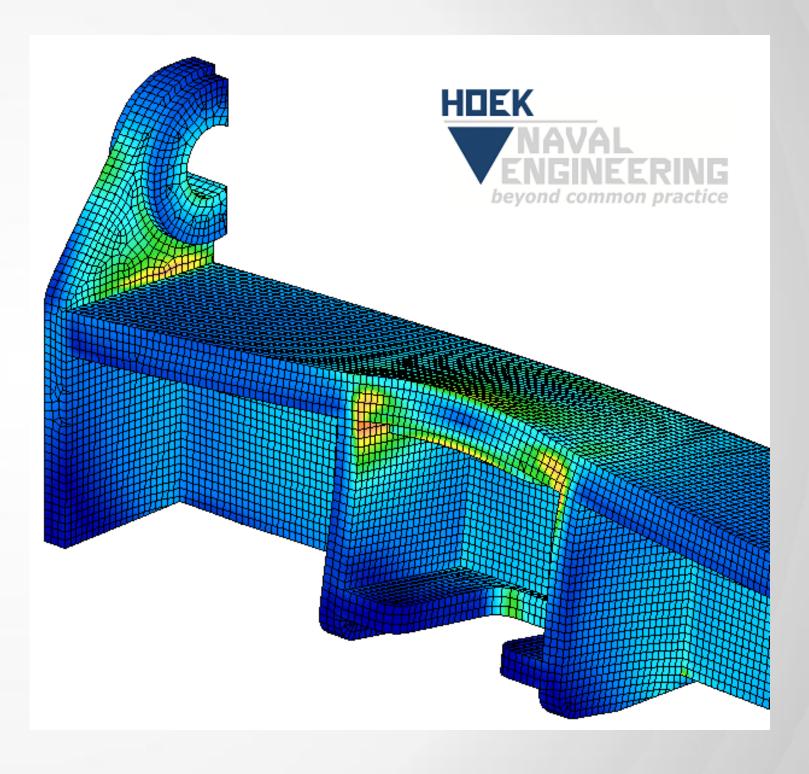
My Customers: ATM





My Customers: Hoek Naval Engineering



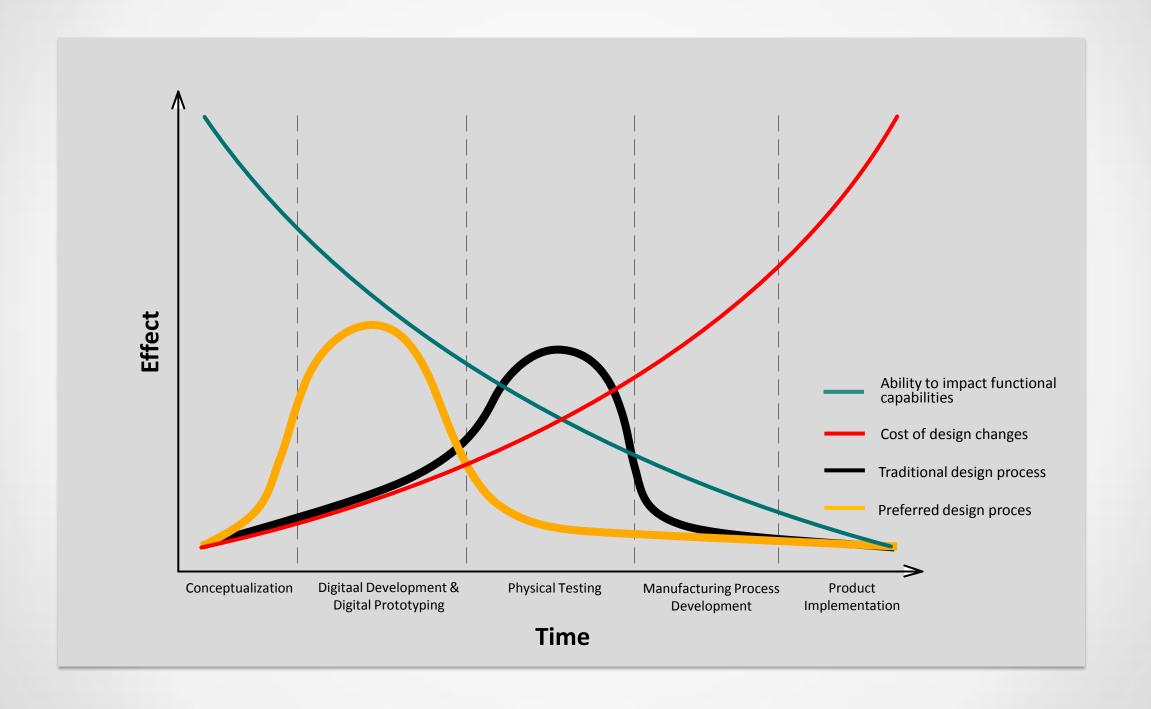




- Reduce Reliance on Physical Testing
- To Validate Designs
- Design Optimization











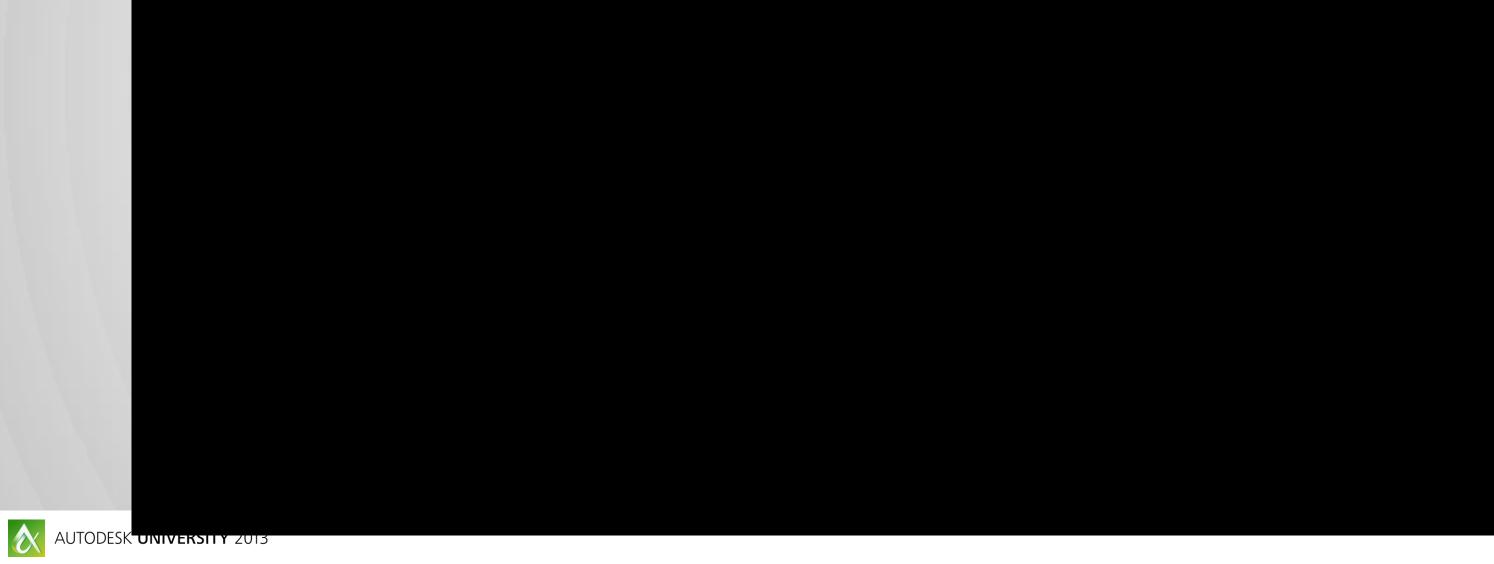








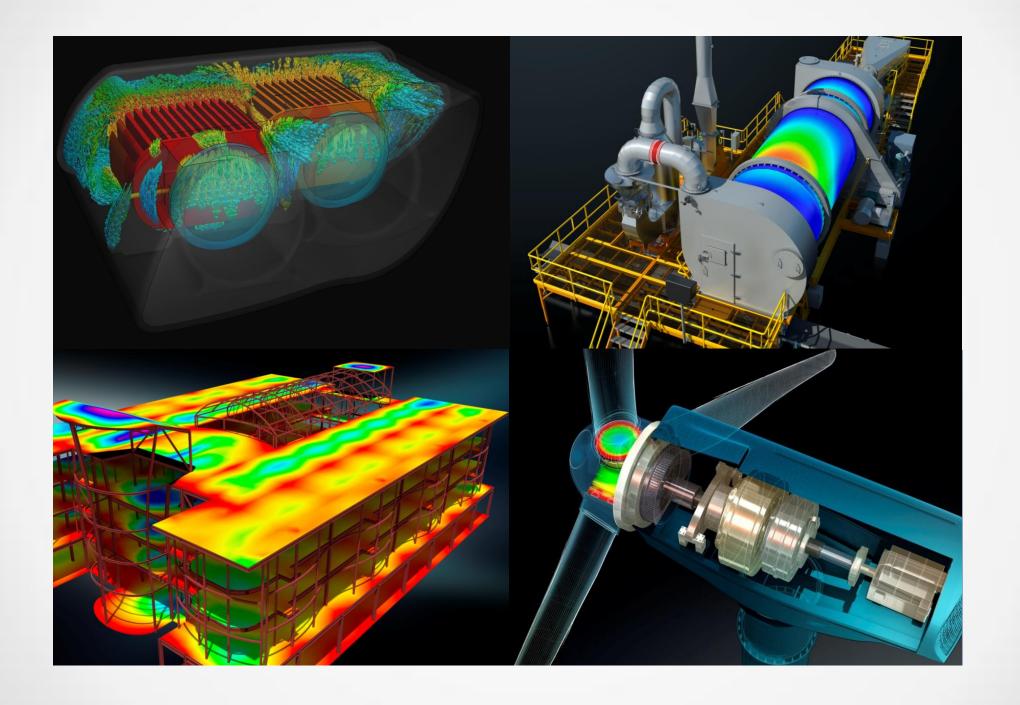




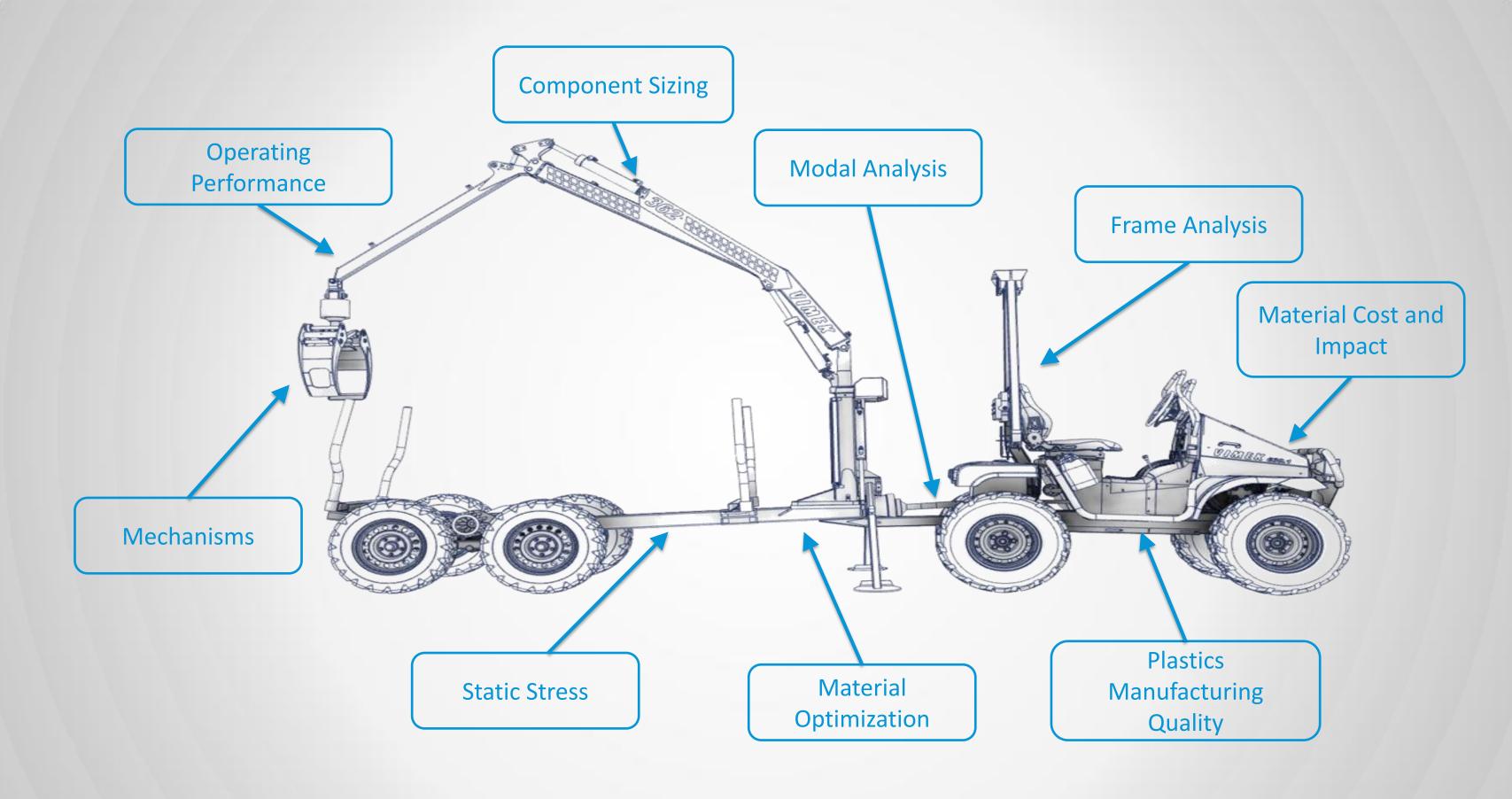


AUTODESK.

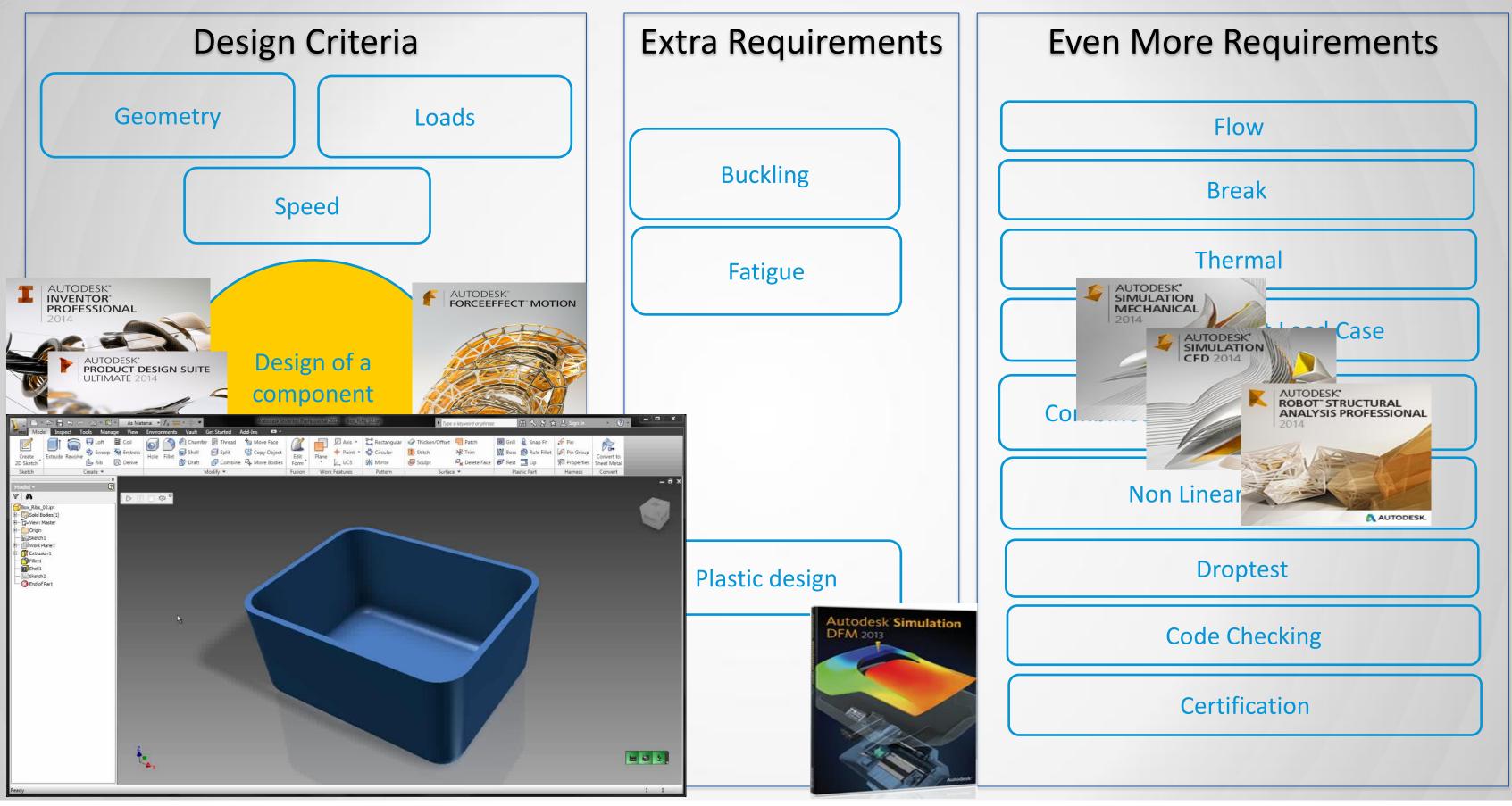
So Who Uses Simulation Tools?













Conceptual Design

Dynamics

Design criteria:

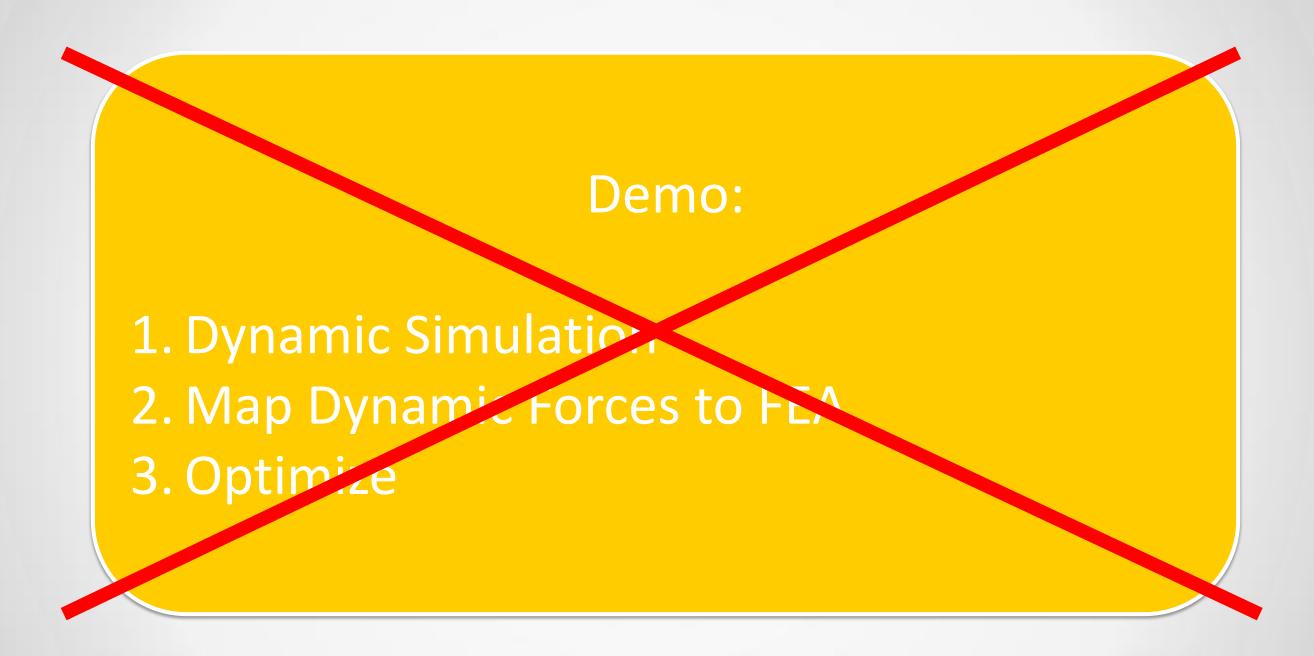
- Geometry
- Speed
- Loads

Goal:

- Forces, moments, power consumption
- Sizing of standard components:
 - Pistons
 - Hydraulic system
 - Bearings
 - Engine
- Initial Cost calculation



Dynamic Simulation – FEA – Optimization



SM3343 - Integrate Simulation into All Phases of Your Product Design



Extra Criteria



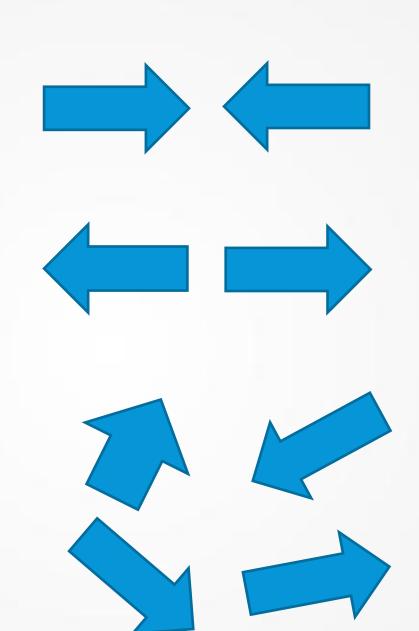


Extra Criteria

Buckling

Fatigue

Thermal

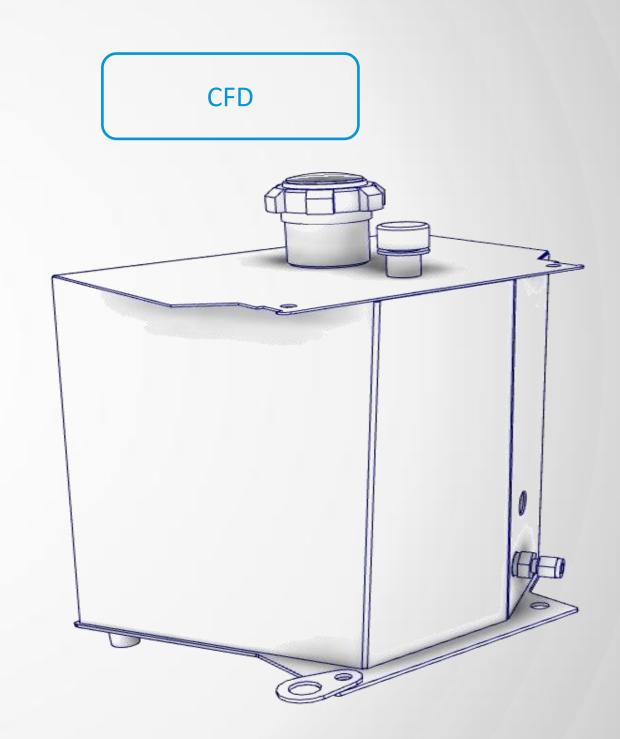




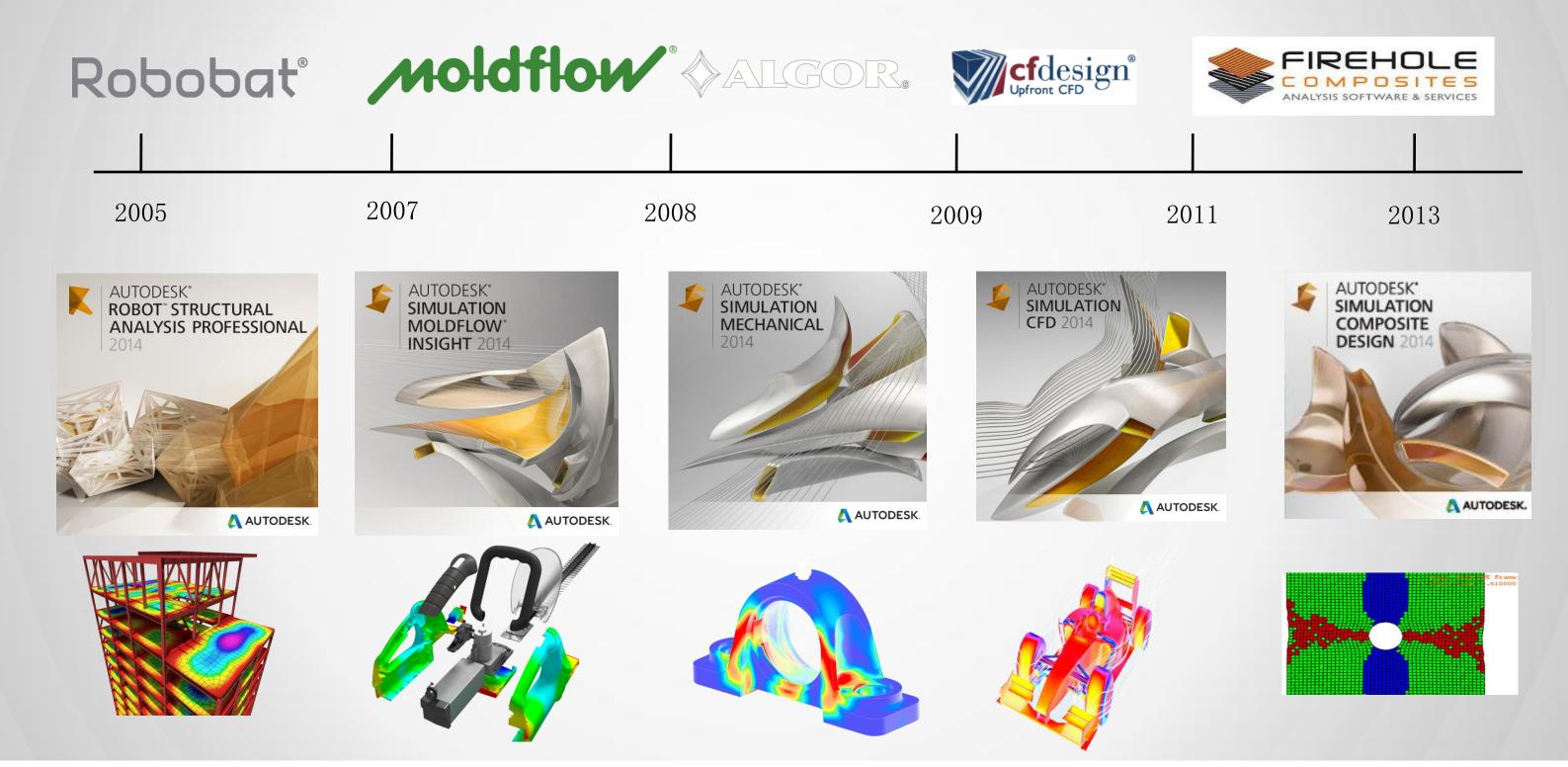
Even More Requirements

- Thermal stresses?
- Vibration?
- Local peak stresses?
- Sloshing?
- What happens if it would drop?
- And much more ...

Buckling



Autodesk Simulation Investeringen







Multiphysics

Demo:

- 1. Temperature analysis
- 2. Temperature mapping to Mechanical
- 3. Droptest

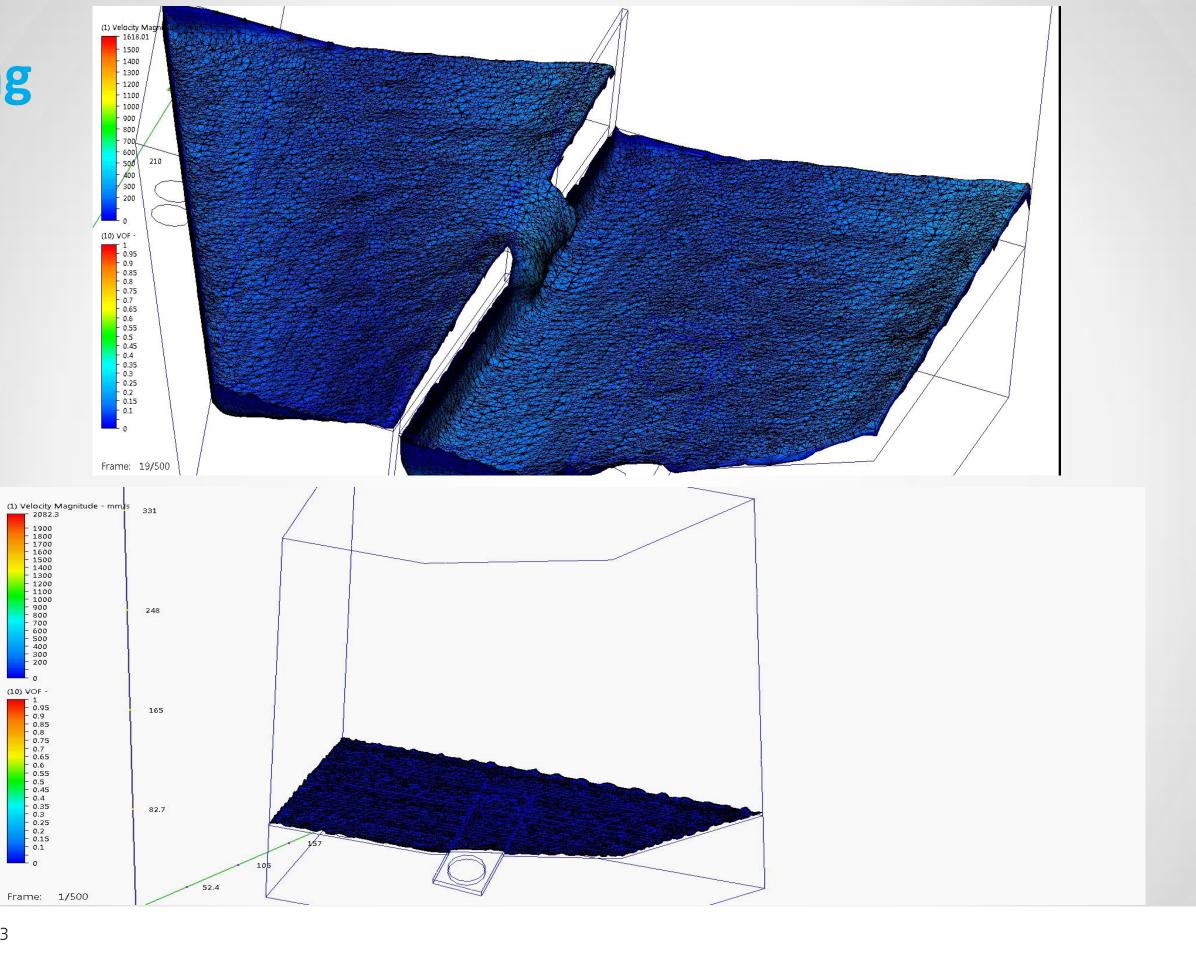


Drop it!





Sloshing



AUTODESK_®

Why is not everyone using simulation?

Takes too long

Expensive

Aulti Nationa

Computation Power

No Integration

Isolated Analysis

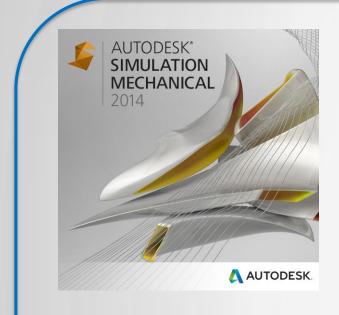
Single Point Analyis

Limited Acess

Project Dependend

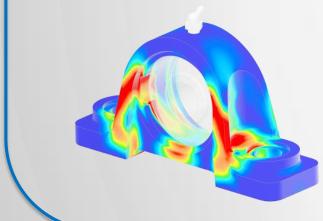
SIM 360 Pro Packaging

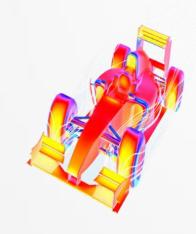
SIM360 Pro

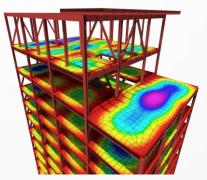








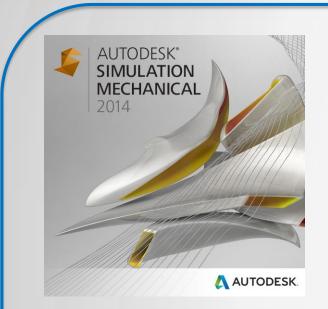


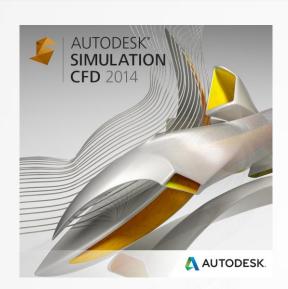


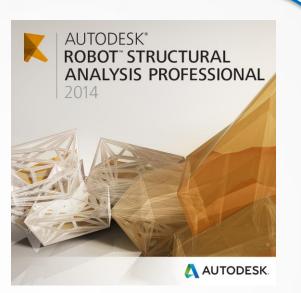
SIM 360 Moldflow Packaging

SIM360 Moldflow

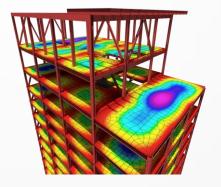
SIM360 Pro



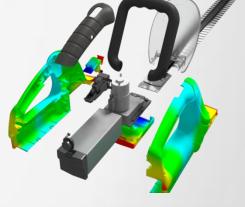




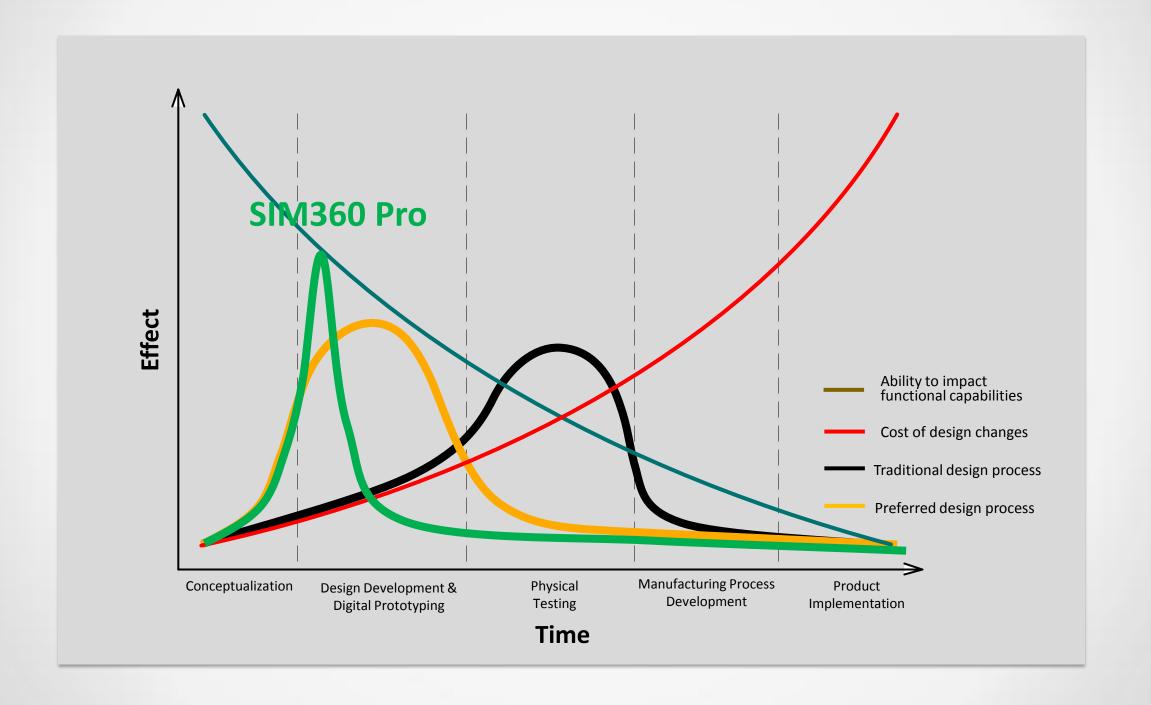






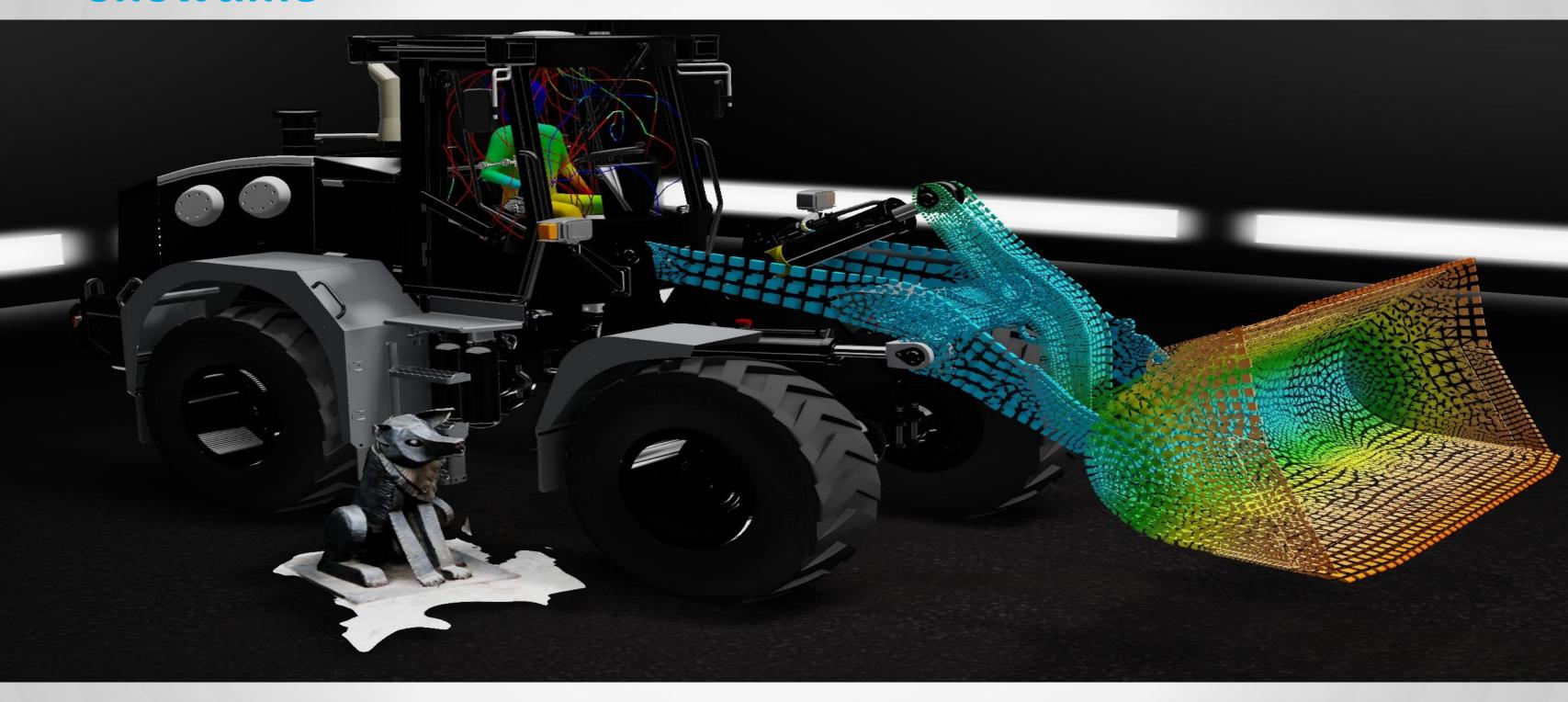


Simulation 360 Pro





Showtime







Powered by:

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