

THE CONTINUITY OF DIGITAL PROCESSES BETWEEN 3DEXPERIENCE PLATFORM AND SAP

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cenit

hansgrohe



AGENDA

- ▶ INTRODUCTION HANSGROHE SE / CENIT AG
- ▶ BENEFITS CATIA 3DEXPERIENCE
- ▶ SCOPE OF THE SOLUTION
- ▶ 3DEXPERIENCE PLATFORM INTEGRATION INTO SAP



Foundation: 1901
 Founder: Hans Grohe
 Beginning: metal pressing workshop
 Today: Global Company

History

Production Sides

Schiltach | Headquarter & Aquademie



Schiltach | production plant



Offenburg production plant & logistics centre



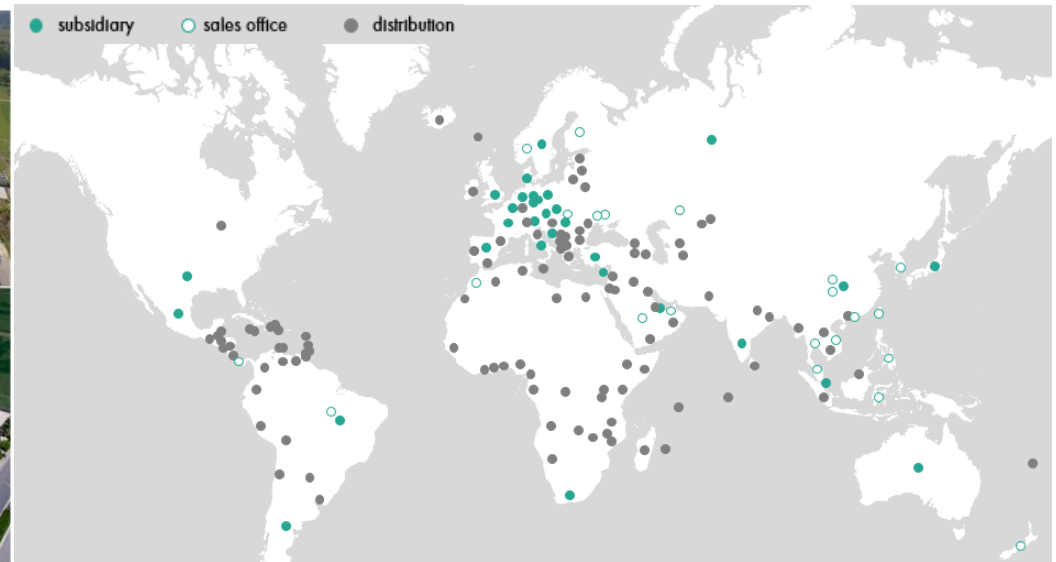
Wasselonne | France



Atlanta | USA



Shanghai | China



Status as of : 2018

Employees: 4,687 in total
2,864 national
1,823 international

Turnover: 1.081 billion euros

Shareholders 68% Masco Corporation
32% Syngroh
(holding company of the Klaus Grohe family)

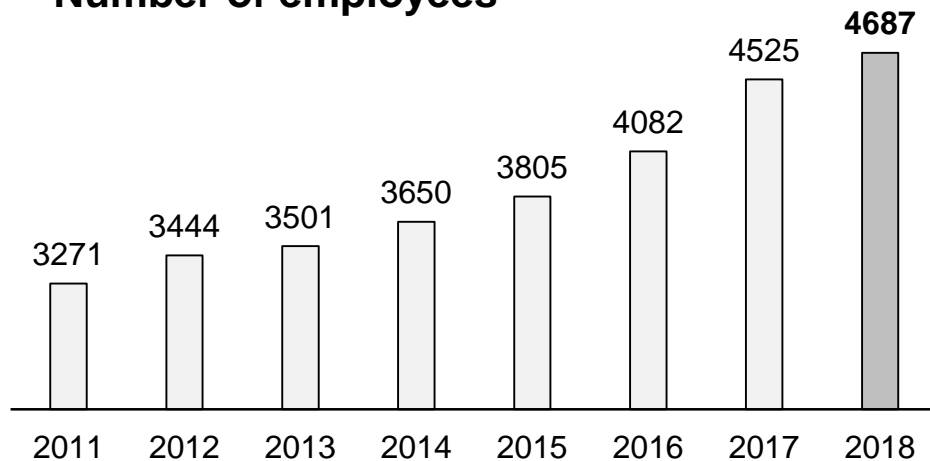
Our brands: AXOR and hansgrohe

Award-Winning 500 design prizes since 1974



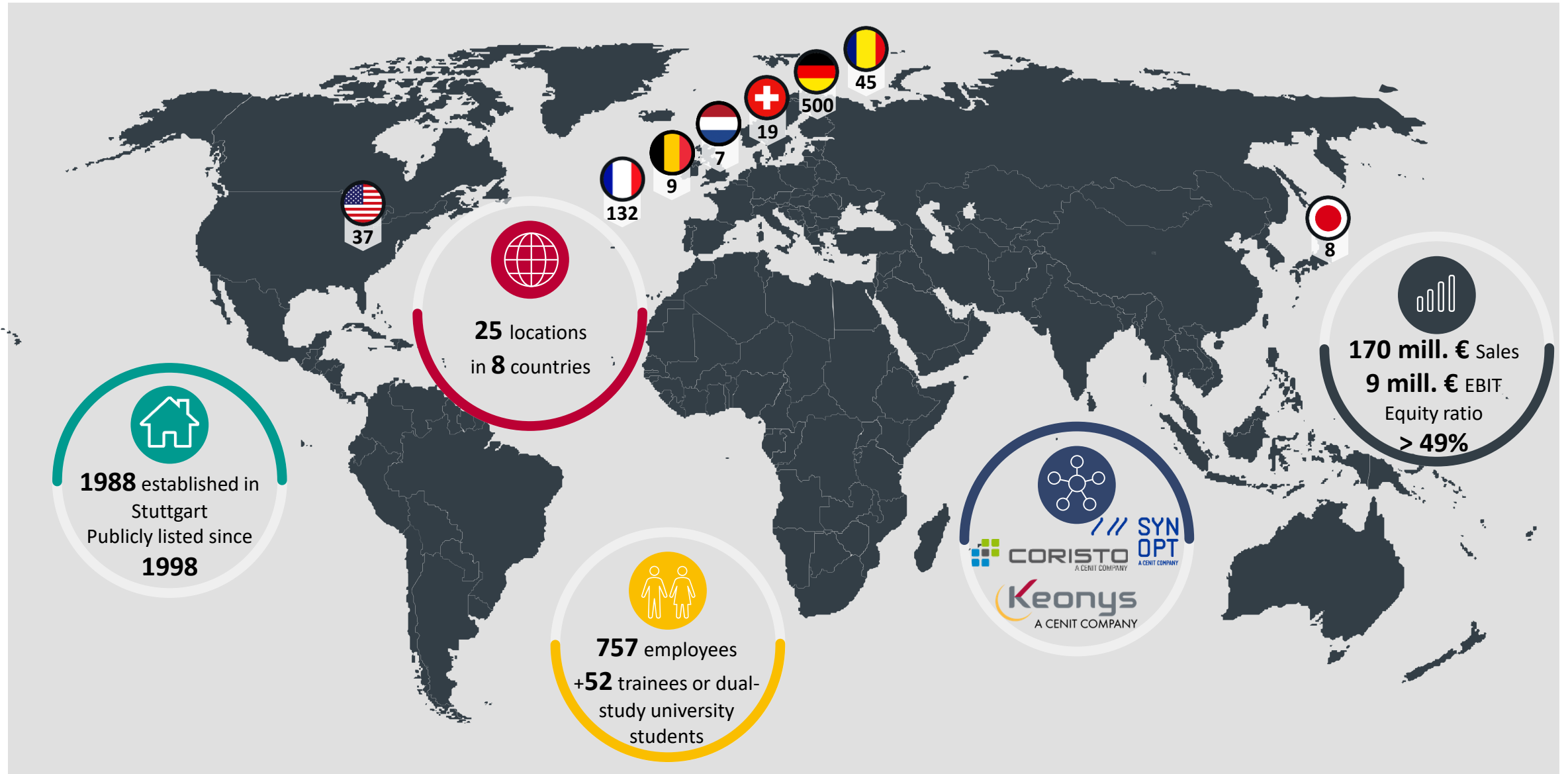
hansgrohe. The Premium Brand

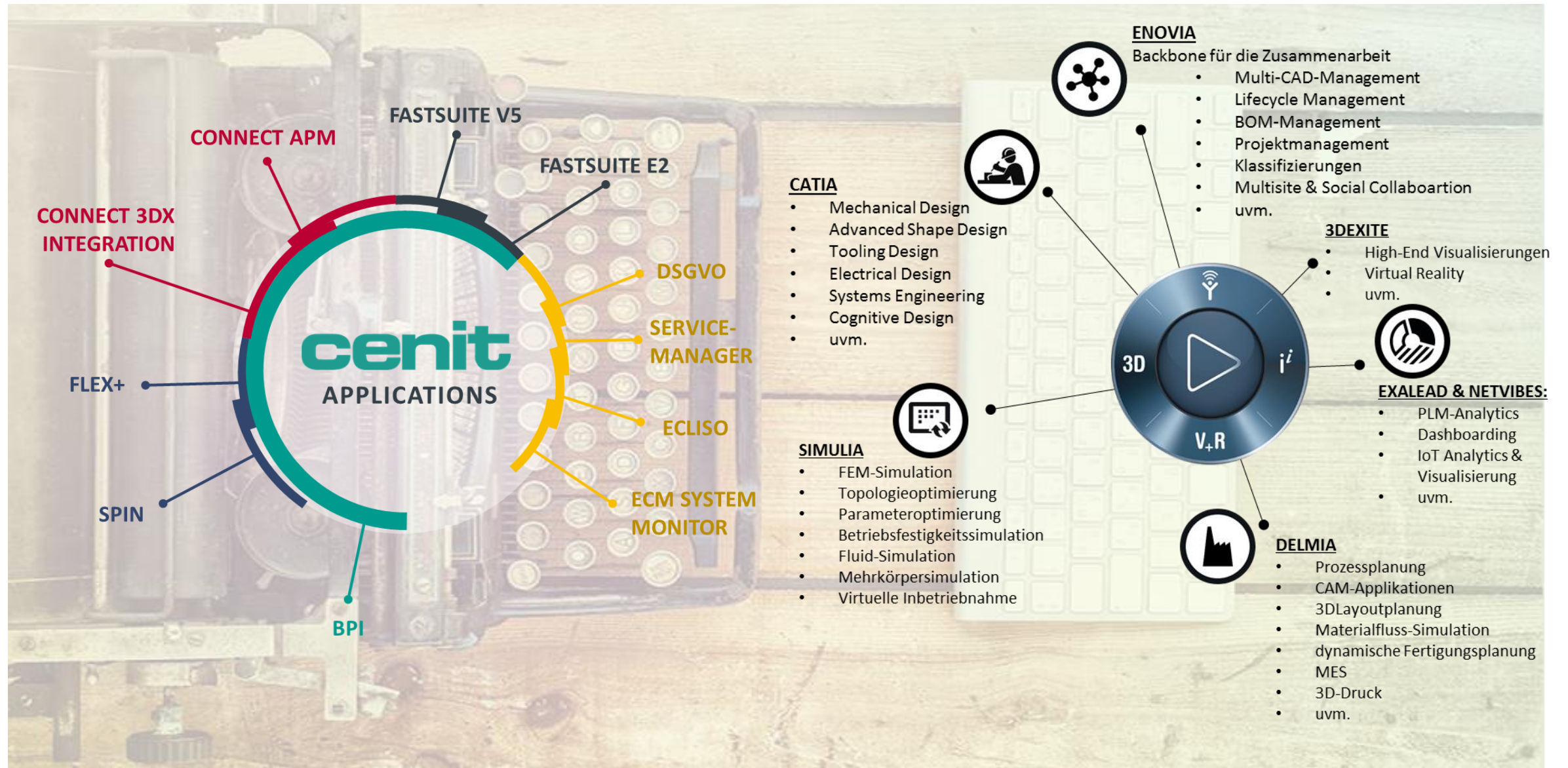
Number of employees



CENIT AT A GLANCE

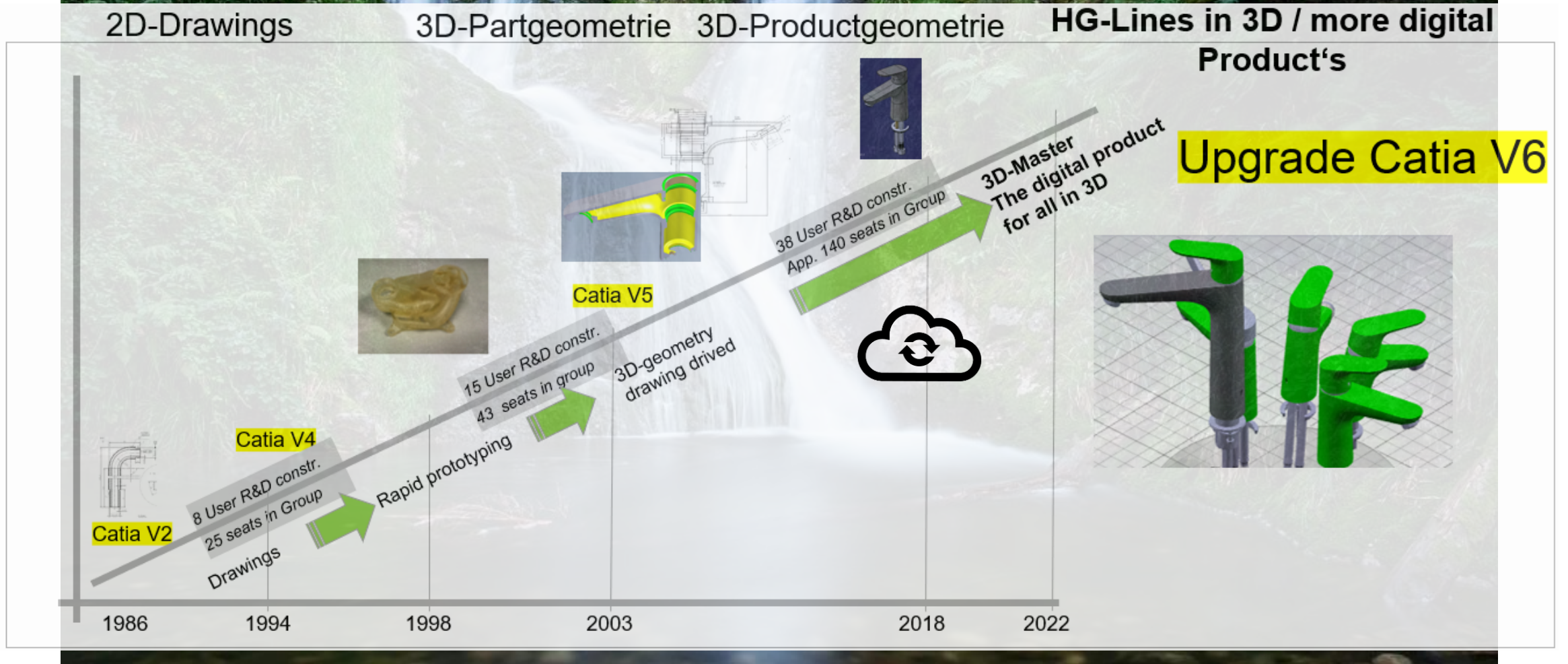
as at 12/31/2018





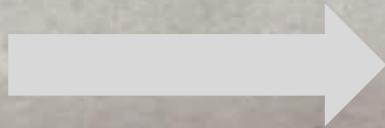
BENEFITS OF CATIA 3DEXPERIENCE

Where we come from with CATIA???



Why 3DEXperience

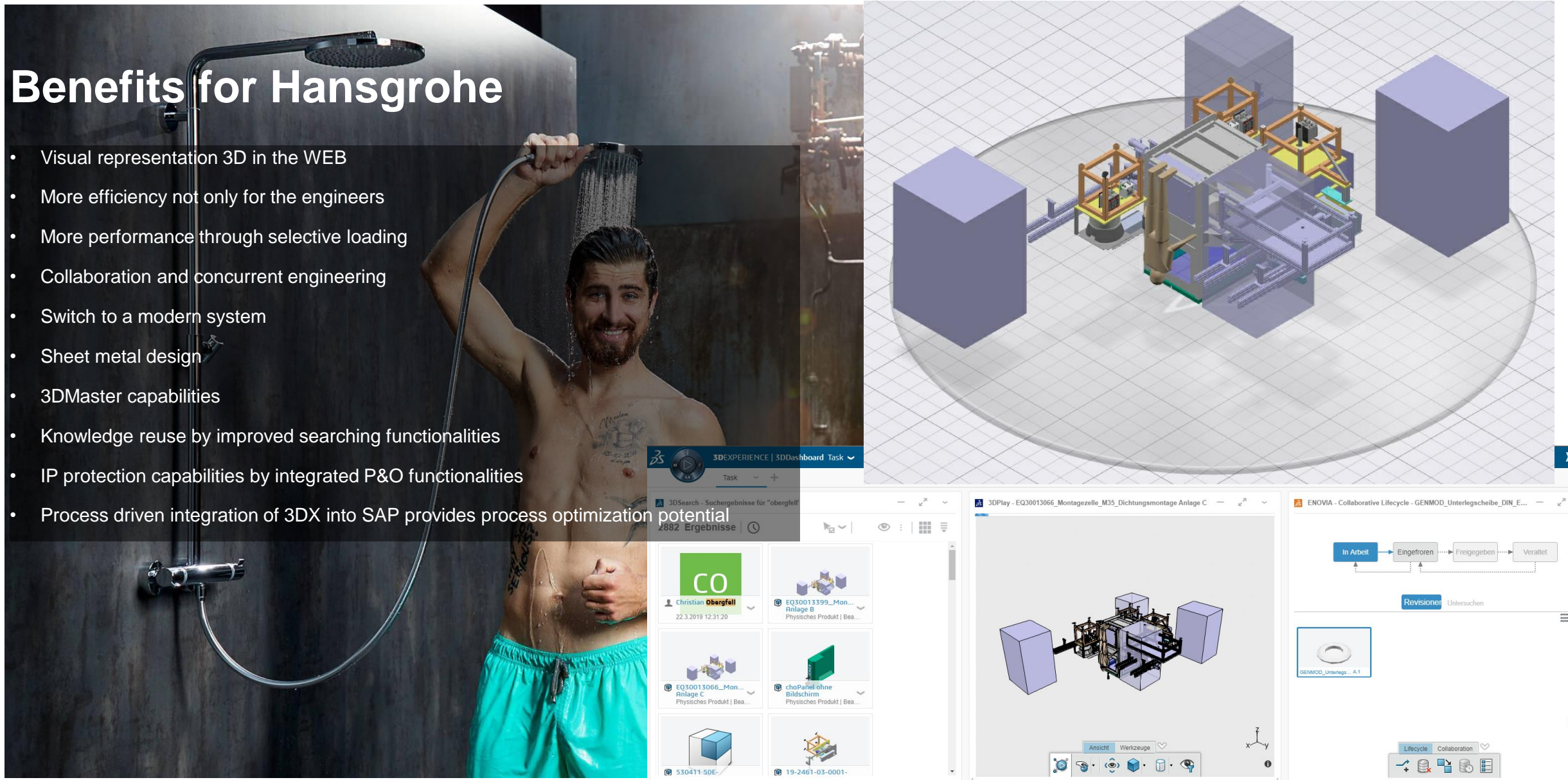
- Replacement of CATIA V5
- Harmonization of CAD processes
- Using new disciplines
- Result out of a Benchmark



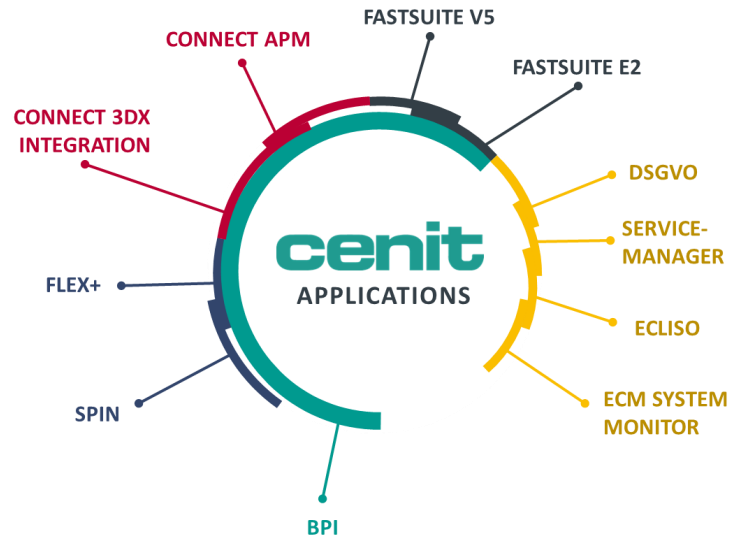
Concurrent engineering	++	+
Functionality CAD	++	+
Migration V5 data	+	--
License parallel using	++	--
Loading time	++	+
Methodology	++	+
Training	+	+

Benefits for Hansgrohe

- Visual representation 3D in the WEB
- More efficiency not only for the engineers
- More performance through selective loading
- Collaboration and concurrent engineering
- Switch to a modern system
- Sheet metal design
- 3DMaster capabilities
- Knowledge reuse by improved searching functionalities
- IP protection capabilities by integrated P&O functionalities
- Process driven integration of 3DX into SAP provides process optimization potential



SCOPE OF THE SOLUTION



CENIT SOFTWARE

Connect 3DX Integration: to enable digital continuity between the 3DEXperience Platform and SAP

cenitSPIN: to enable advanced Configuration and capabilities helping to adapt the 3DEXperience Platform quicker

3DEXPERIENCE

CATIA: Advanced Mechanical & Shape Design, 3DMaster, Sheetmetal, Tooling, Knowledgeware, Kinematic

ENOVIA: CAD-Data Management, E-BOM, Project Management, Document Management, Life-Cycle Management, Change Management

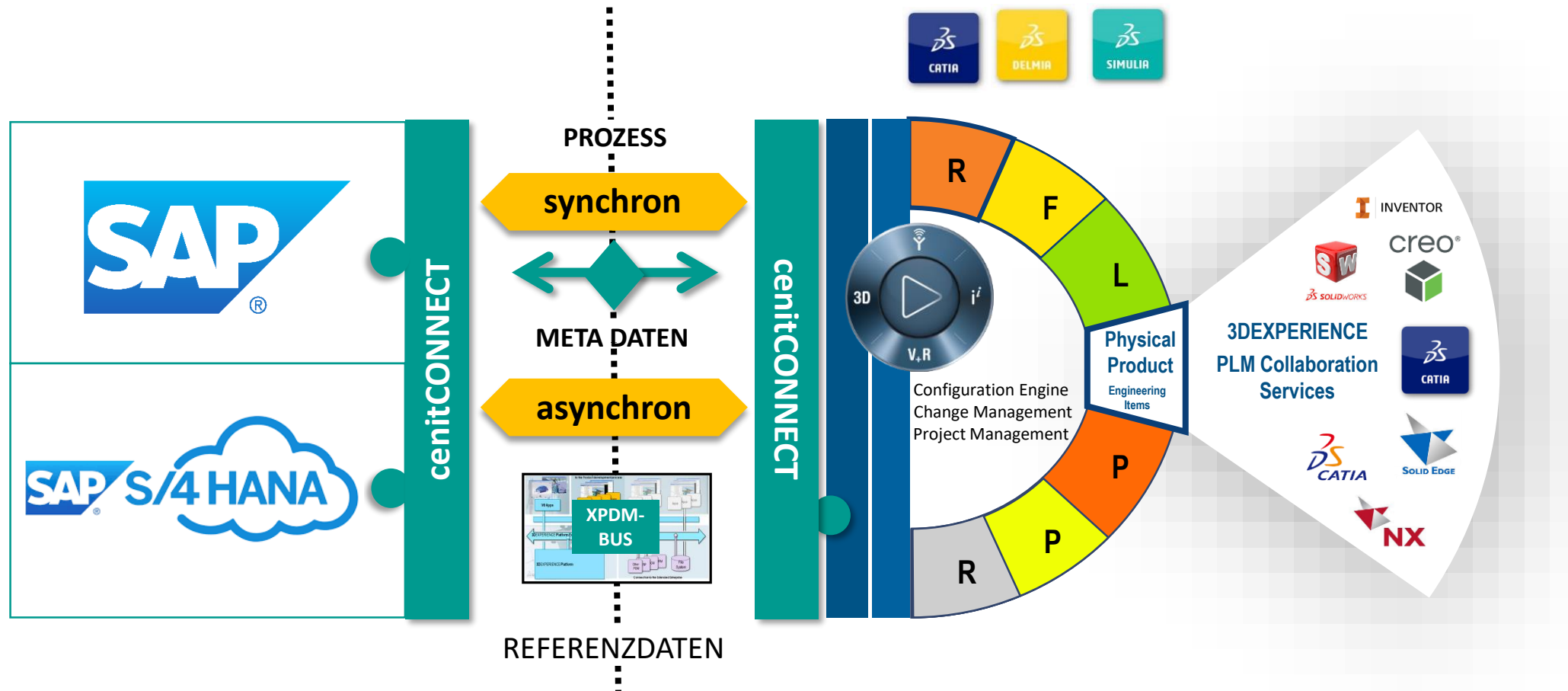
DELMIA: NC

SIMULIA: FEM for Mechanical Designers

3DEXPERIENCE PLATFORM INTEGRATION INTO SAP

3DExperience Integration into SAP

- Product Structures Mapping
- Meta Data Mapping
- Life-Cycle-Information Mapping
- Generation and synchronisation of neutral formats such as IGES, STEP, PDF, 3DXML
- Crossplatform pdf-Stamping functionality



- Cloud Integration
- Change Process
- Project Management
- EBOM/MBOM Concepts PPR-Delmia Process
- Variant Management and Configuration
- Process Management
- Webbased Monitoring and Reporting
- Life-Cycle-Costing

THANK YOU!

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Such statements entail no assurance that anticipated events will transpire. On the contrary, such statements involve risks, uncertainty and contingencies that are difficult to predict and are furthermore based on assumptions regarding future events that may prove inaccurate.

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