



From Catia V5 to Catia 3DX cloud solution



AGENDA

1. Company presentation
2. Before cloud solution
3. Motivation to change to 3DX
4. Current status
5. Advantages
6. Further steps



Over
8403
90 years
in Aviation

The Home of 2-Stroke Engine Innovation

since 1927

 **HIRTH**
ENGINES

1Mio.

ENGINES SOLD

30 years

UAV SYSTEMS

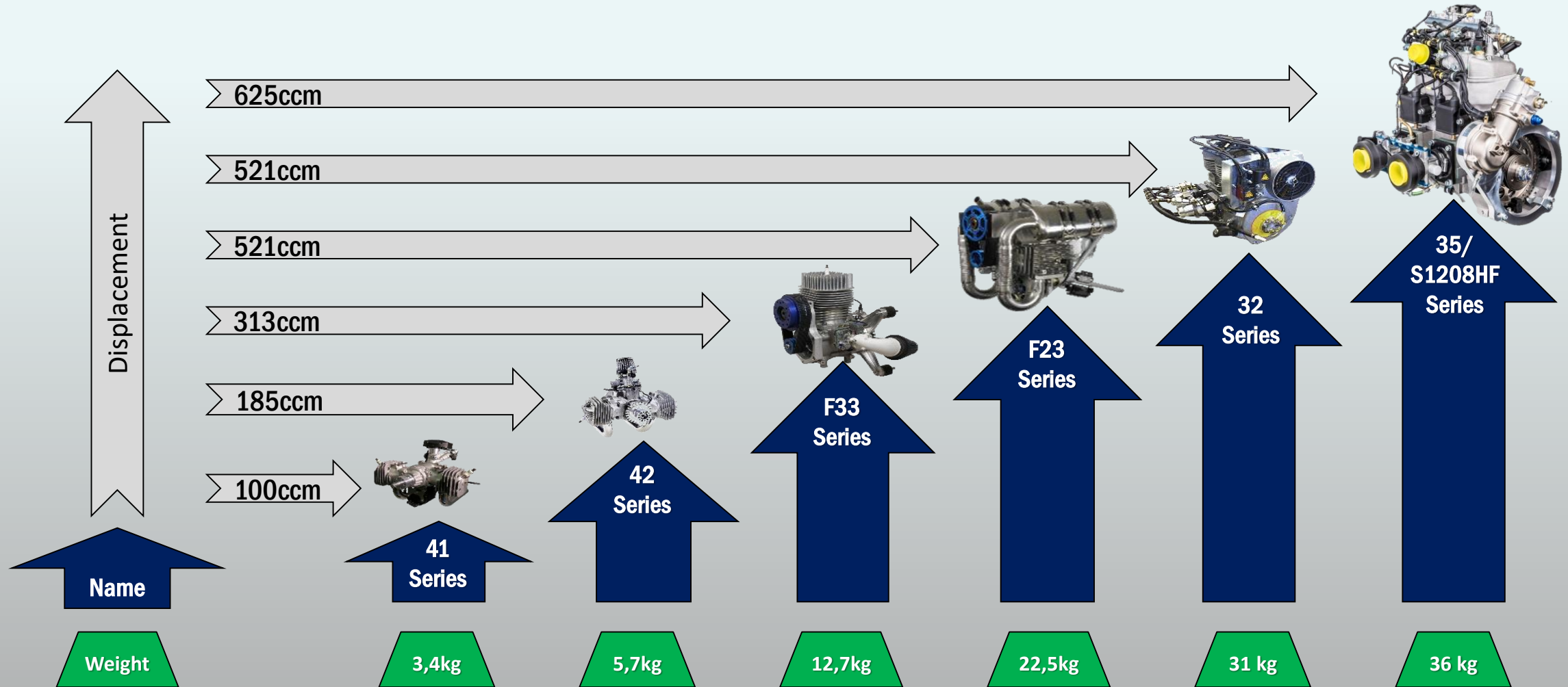
60 years

2 STROKE ENGINE

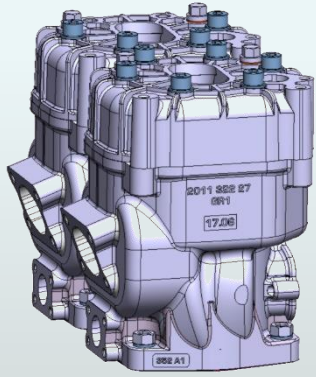
90 years

AVIATION BUSINESS

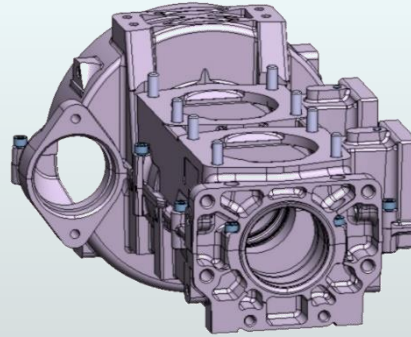
Engine Portfolio



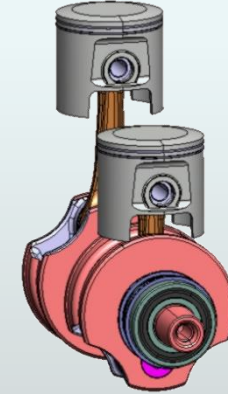
Core Capabilities



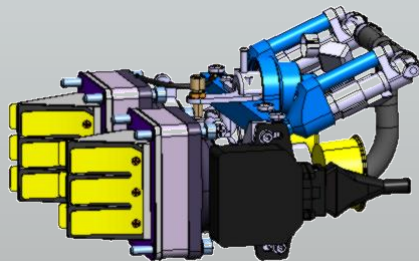
Cylinder / Cylinder head



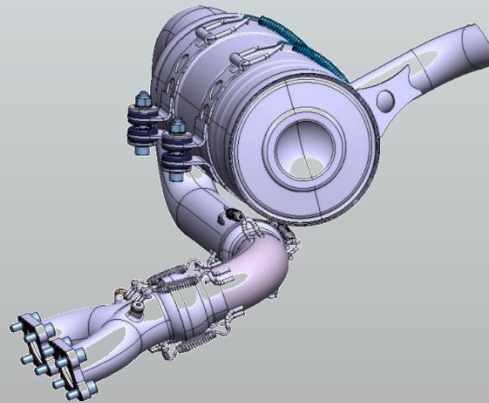
Crankcase



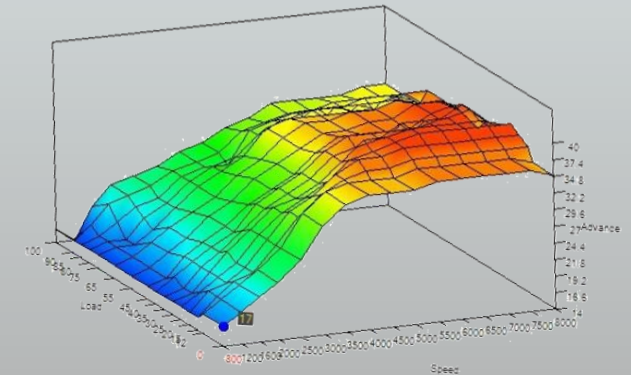
Piston / Piston rod Crankshaft



Carburation



Exhaust



Engine Calibration



AIR



AIRCRAFT (light and ultralight),
HELICOPTER (light), UAV, DRONE,
PARAGLIDER, AERO-SPORTIVE,
HOMEBUILT, GYROCOPTER,
POWERED PARACHUTES,
KITPLANE



LAND



KART, SNOW-MOTOR , TRYKES,
PORTABLE FIRE-PUMP,
AC GENERATOR, HOVERCRAFT,
RESCUE EQUIPMENT



WATER



AIR BOATS, HOVERCRAFT



Before cloud solution



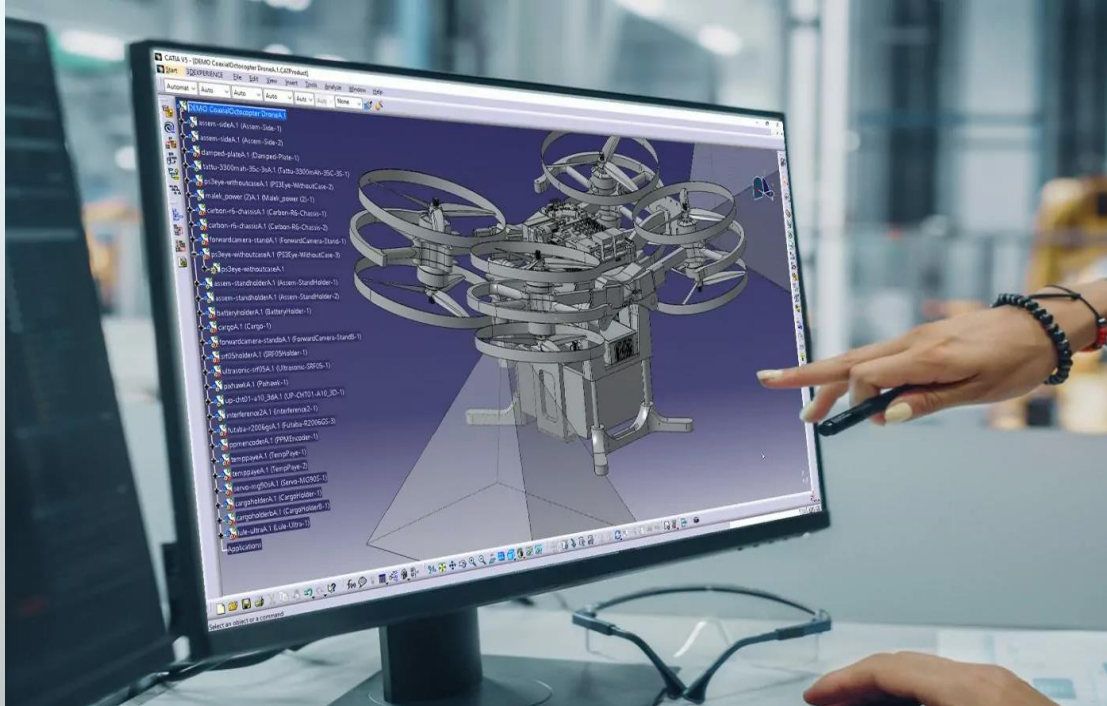
Usage of
CATIA V5 filebased

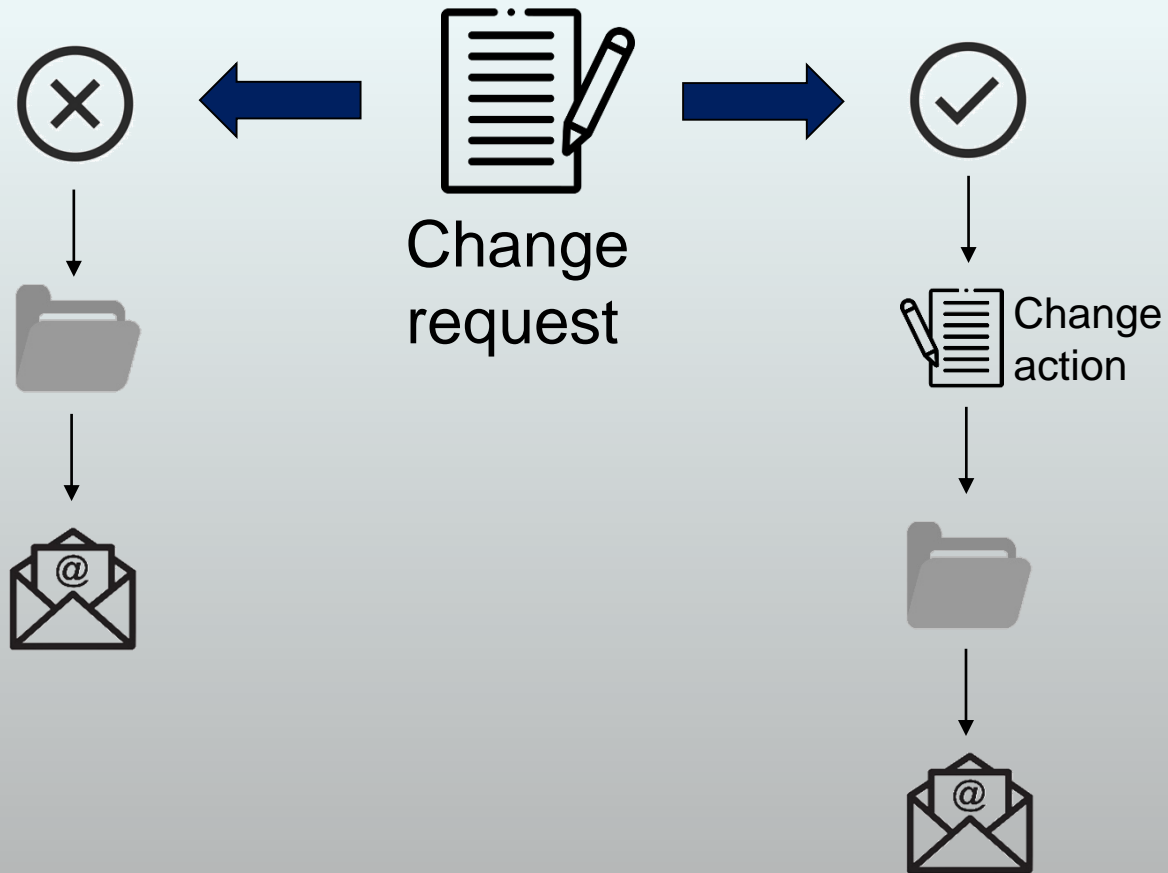


Access to 3D data
only from R&D



Change management
with handwritten
form





2

Before cloud solution



Usage of
CATIA V5 filebased



Access to 3D data
only from R&D



Change management
with handwritten
form



3

Motivation to change



Long loading times
during home office



Overwriting of
data



Revisions laborous
and error-prone



High workload due to
requests from other
departments



4

Current status



Work only in 3D
Experience



Use of the platform
across departments



New workflow defined



Issue and Change
Management

Current status



Work only in 3D
Experience



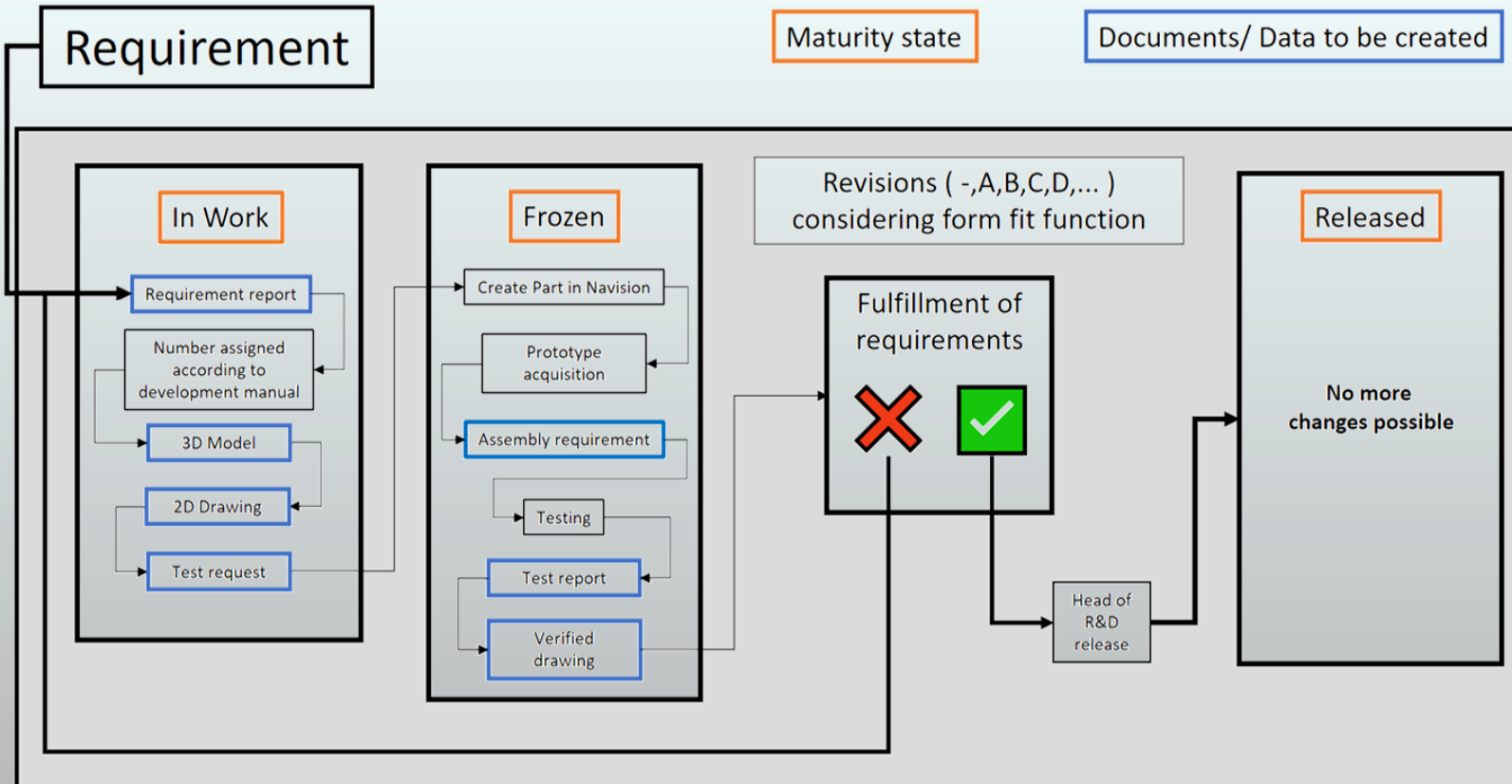
Use of the platform
across departments

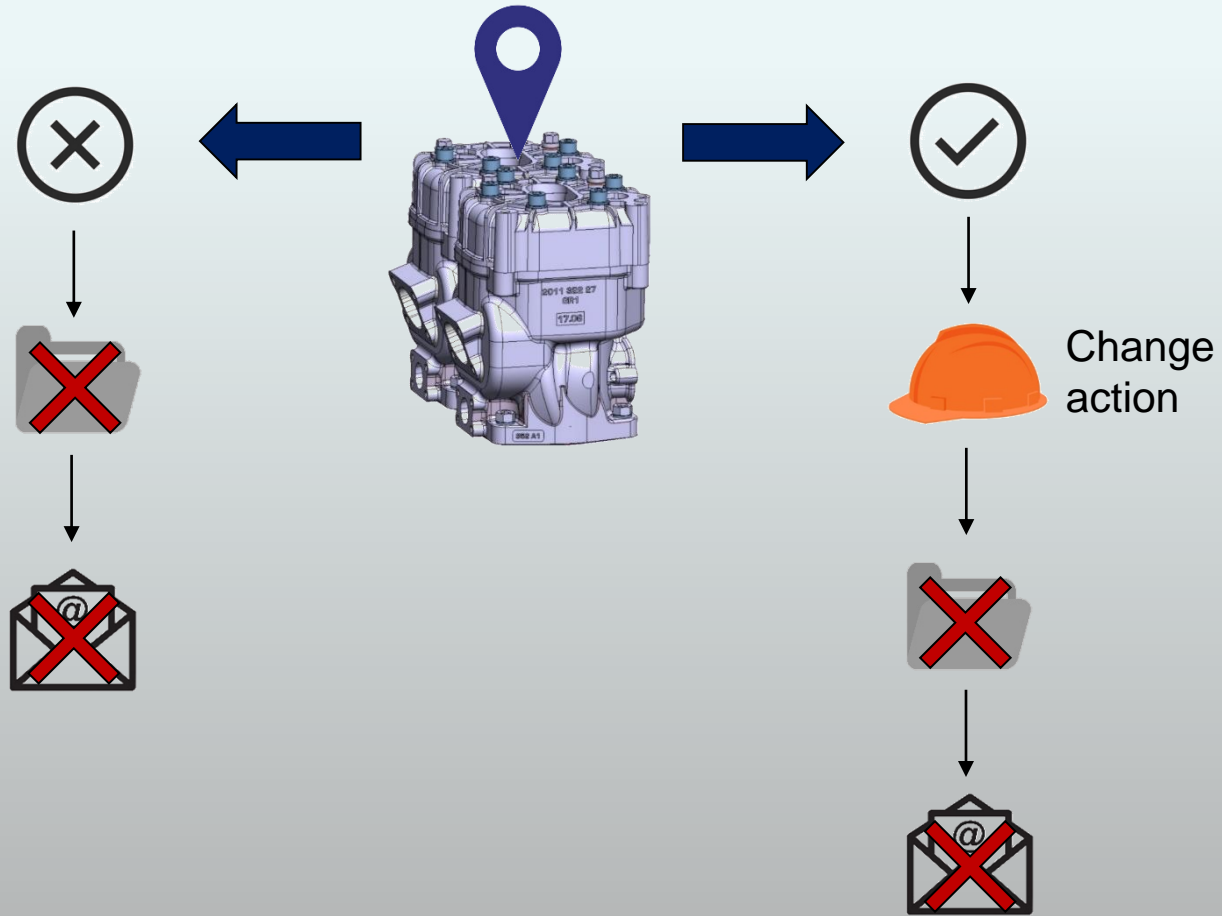


New workflow defined



Issue and Change
Management





4

Current status



Work only in 3D
Experience



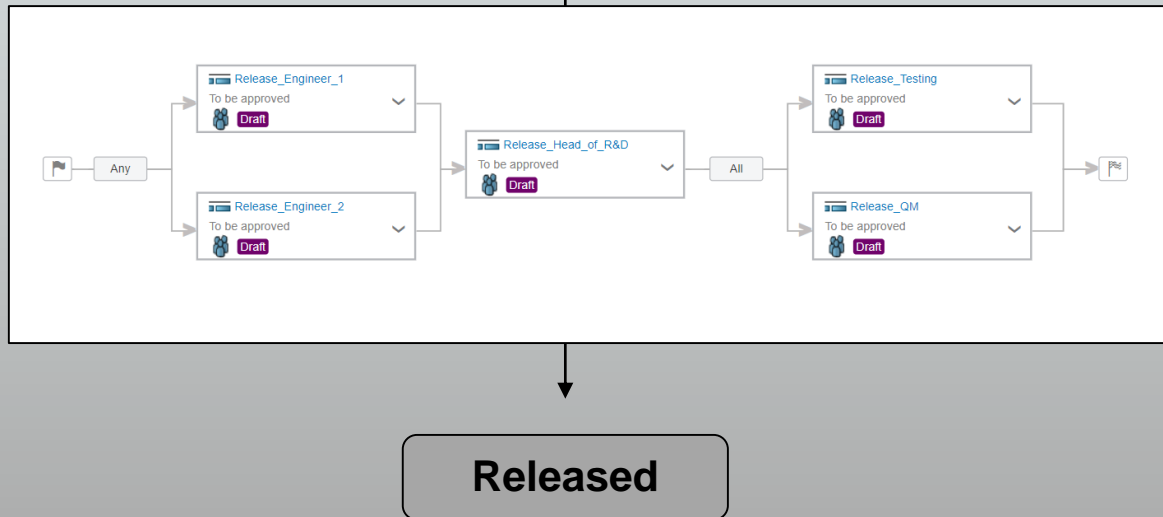
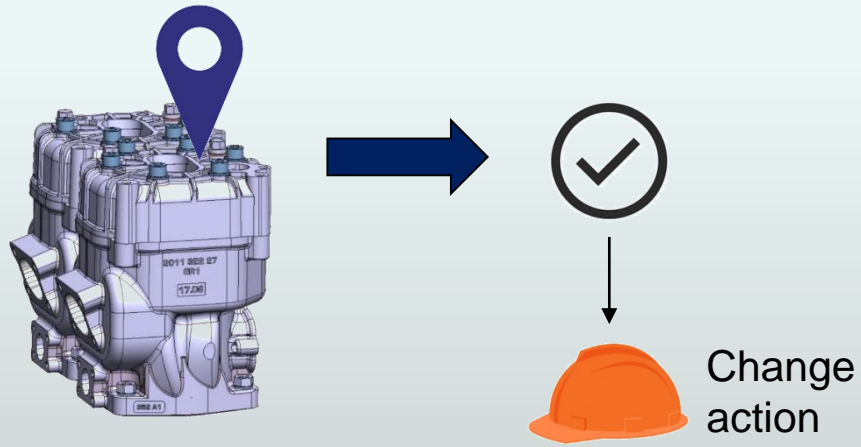
Use of the platform
across departments



New workflow defined



Issue and Change
Management



4

Current status



Work only in 3D
Experience



Use of the platform
across departments



New workflow defined



Issue and Change
Management



5

Advantages



Fast loading times
Work faster



Simultaneous work
on the product



Fast visualization of
data for customers



Access for all
departments

6

Further steps



Setting up
customer spaces



Integrate more 3DX
Tools (Cabelling,
FEM)



Thank you for your
attention!

