ShareAspace

PLM Collaboration Hub

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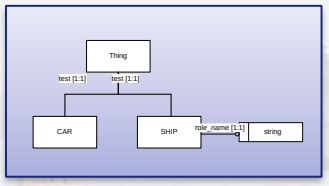
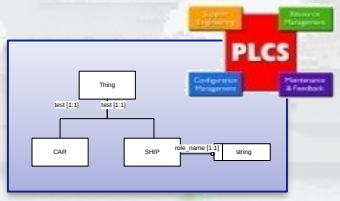
Standards

- ISO10303



- PLCS



- STEP AP242
- STEP AP233
- BIM IFC
- LOTAR
- MOSSEC

1994-2000 | **2000-2016** | **2016**

Technologies

EuroSTEP

ORACLE

CERTIFIED FOR Windows Server 2008

shareAspace

Microsoft Partner
2013 Partner of the Year Winner
Public Sector: Public Safety and National Security

ShareAspace

Microsoft Partner
Gold Independent Software Vendor (ISV)

InReach

InControl

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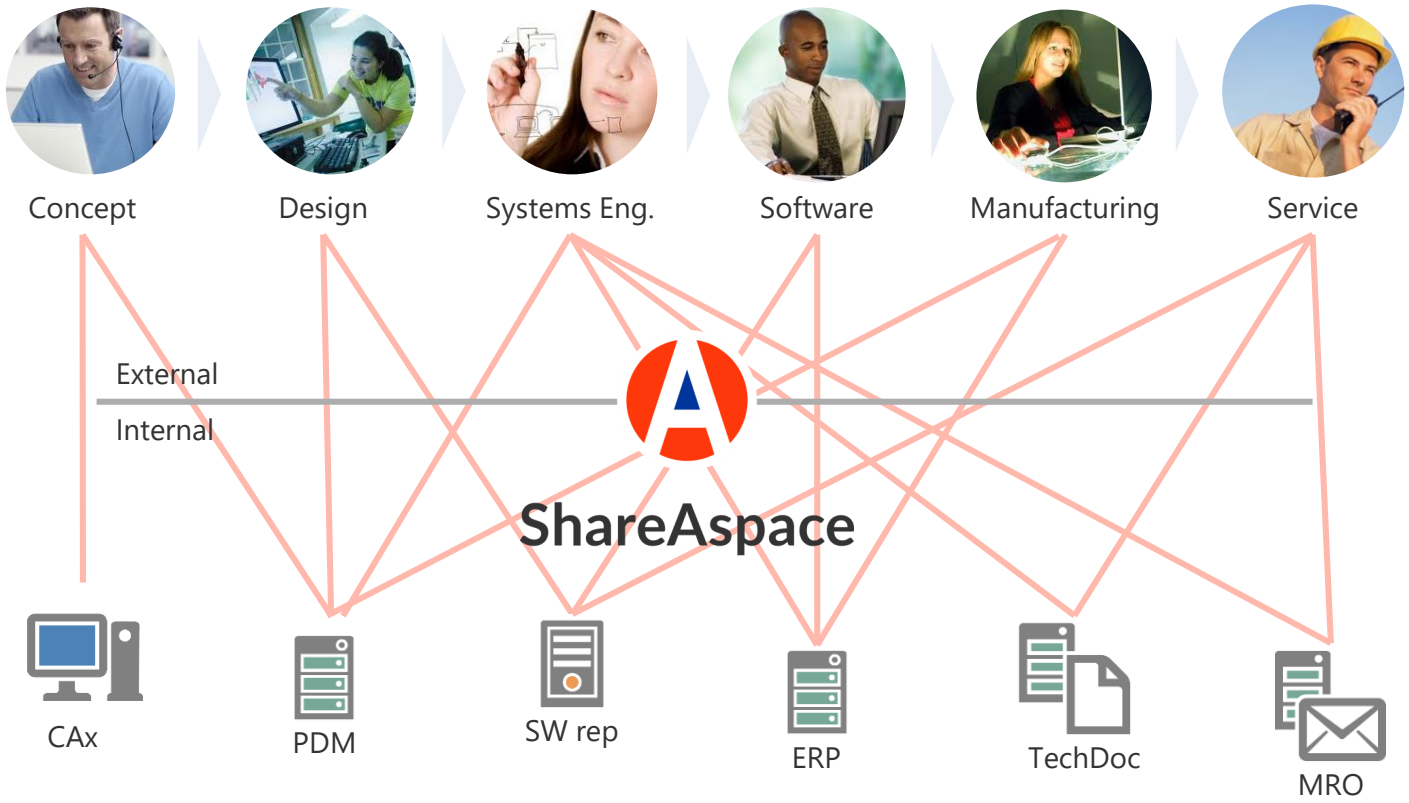
What we do



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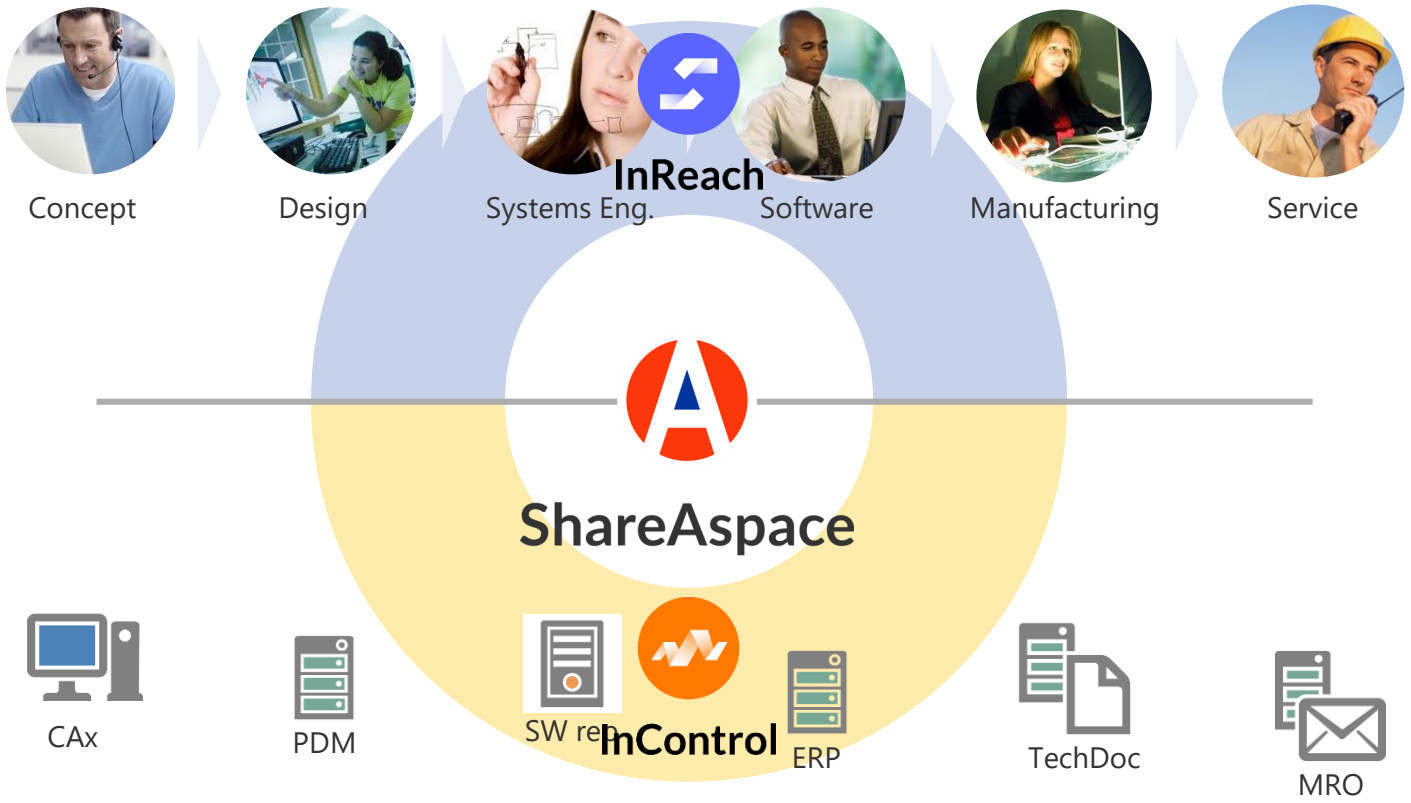
ShareAspace Products



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Some Projects

FMV

DGA

NASA

LUT
Lappeenranta
University of Technology

SIEMENS

KTH
VETENSKAP
OCH KONST

AVANCEZ
1829
CHALMERS
UNIVERSITY OF TECHNOLOGY

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Product lines

InReach

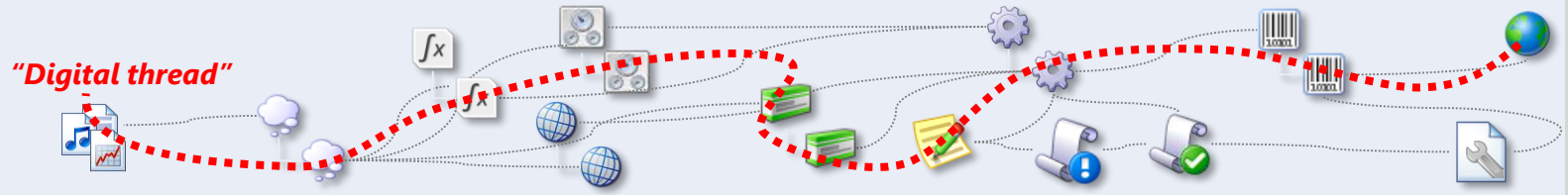
External collaboration &
Controlled data sharing

REST API

Business Object Configuration

Standards based data store

Data Consolidation



InControl

Information exploitation

Source Systems

Requirements Management

Simulation

CAD

Systems Engineering

PDM

Engineering BOM

Technical Publications

LSA

Asset Management

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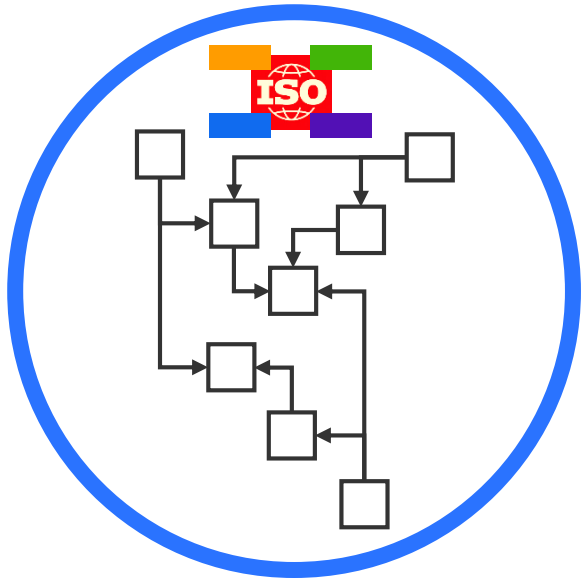
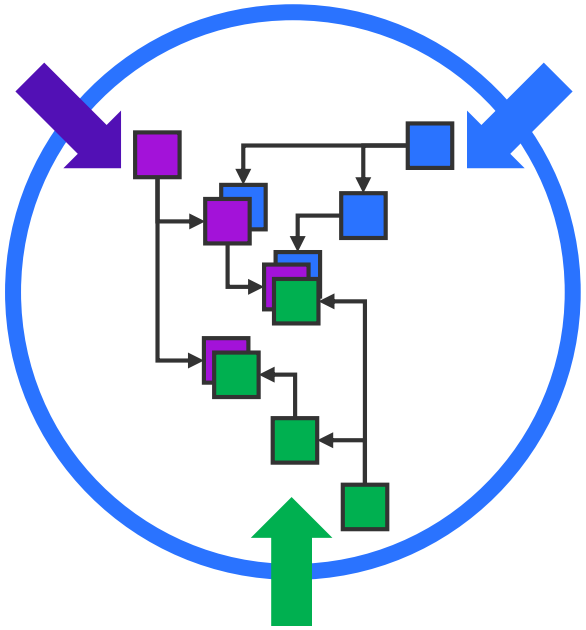
Pillars of ShareAspace



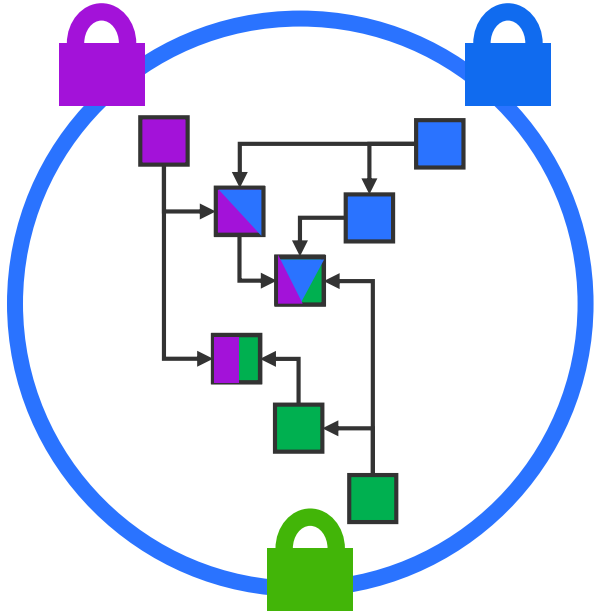
Information centric

Rich information model based on standards covering the full product life-cycle



Consolidation

Ability to superimpose and join up datasets from different sources and manage change



Controlled Data Sharing

Respecting Intellectual Property, licenced information and security

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ShareAspace

Demo of ShareAspace Cloud

Example scenario for Design to Manufacturing

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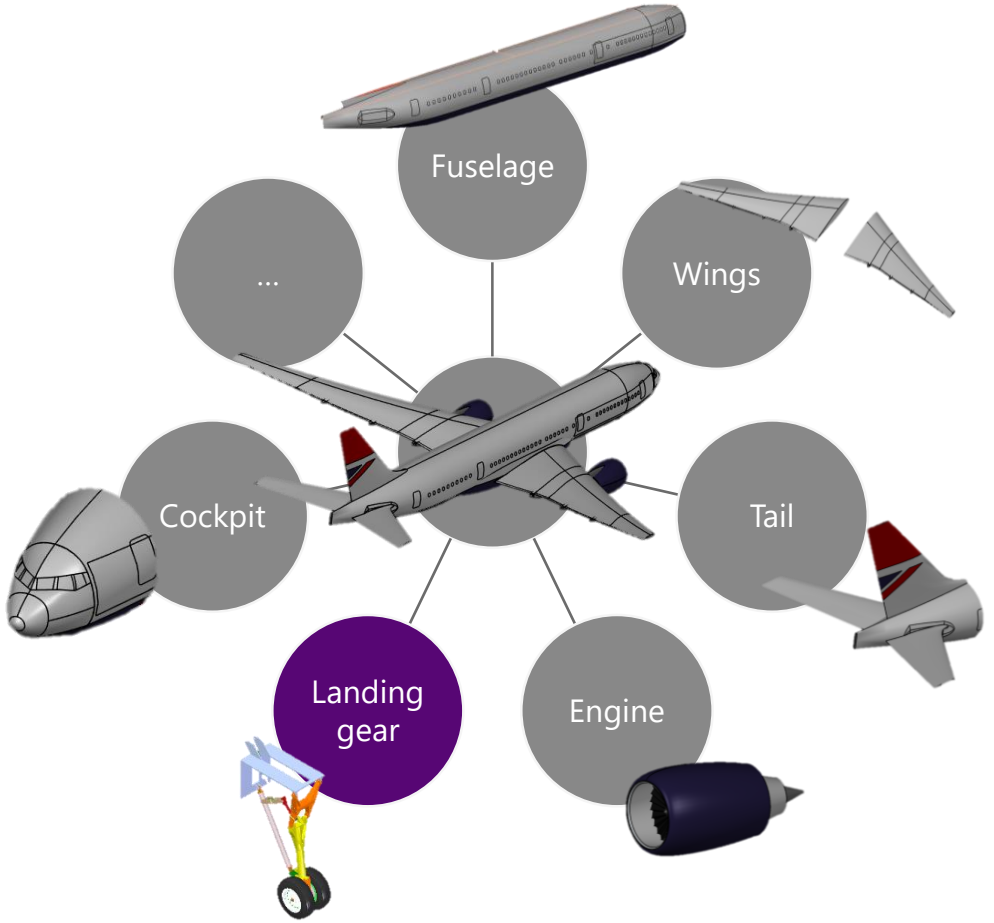
Why ShareAspace Cloud?

- More PLM capable
- Security on objects
- B2B

- Easier
- Lower costs
- Standards based

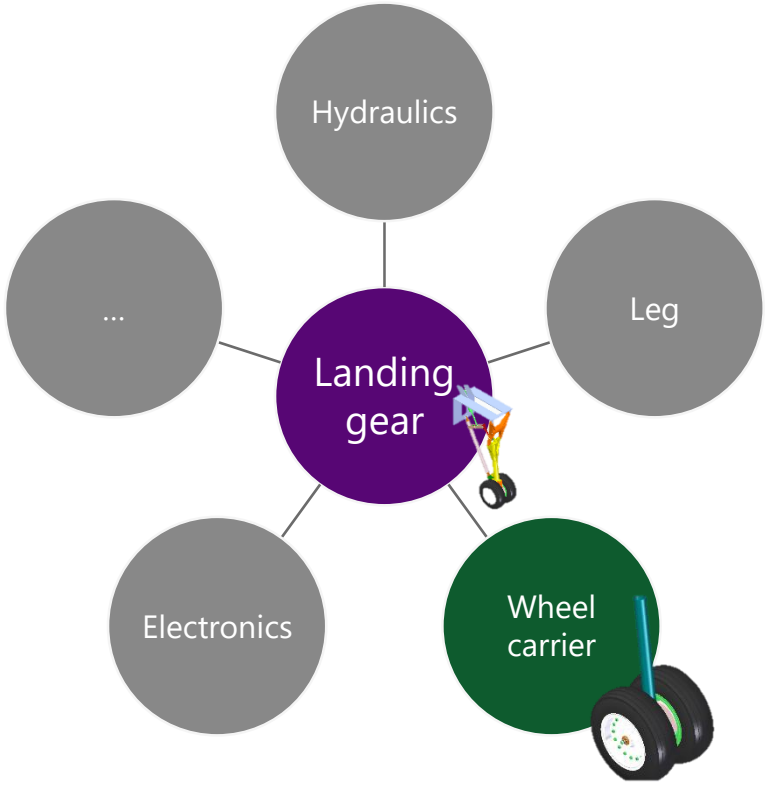
Background

- Our Company is a supplier to a major OEM in the aerospace industry.
- They are supplying landing gears to some of the OEMs aircraft models. Recently they received a new order for the OEMs latest model.
- Our Company is doing most of the design themselves but outsource a lot of the manufacturing to smaller, specialized suppliers.

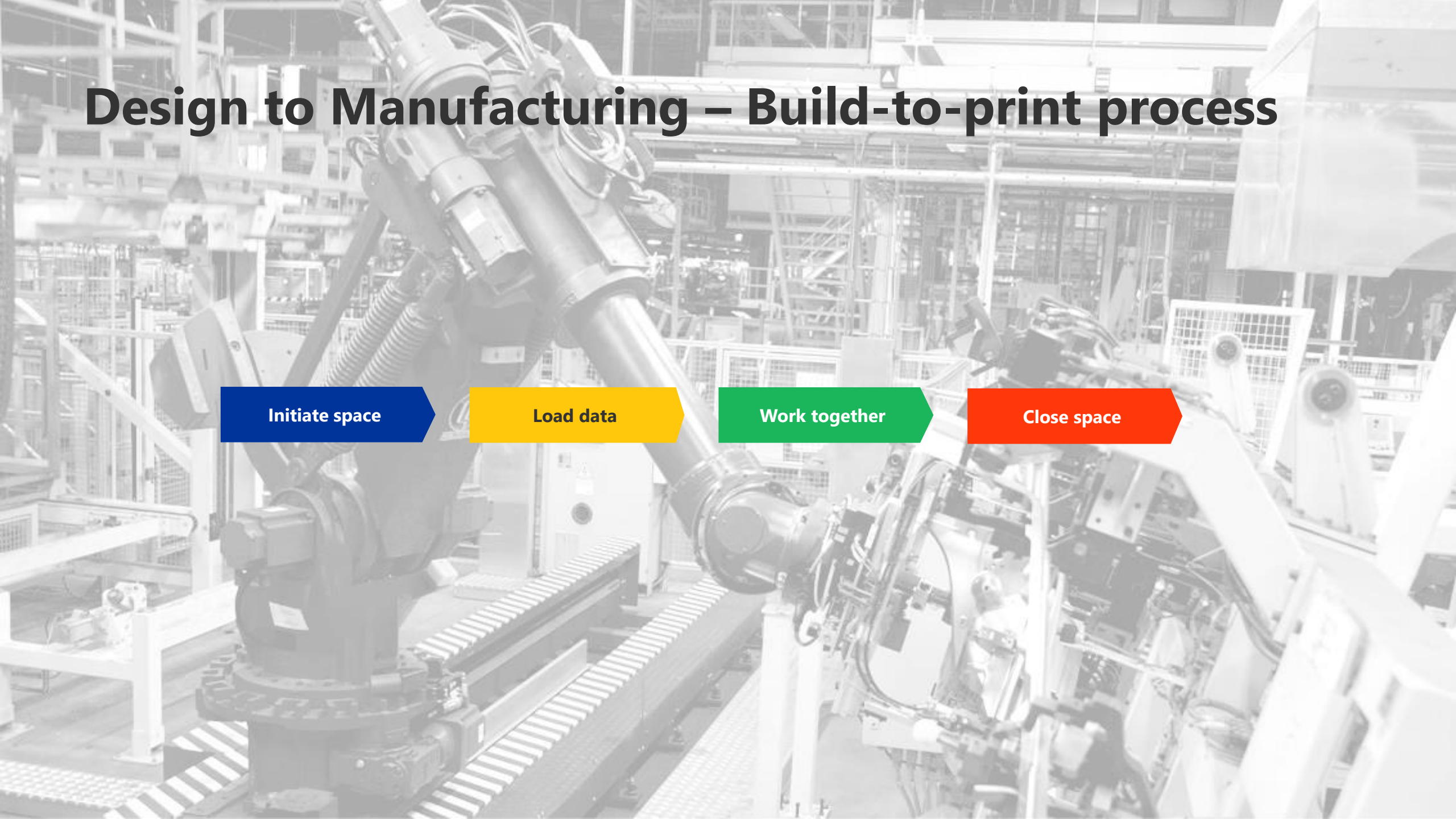


Background

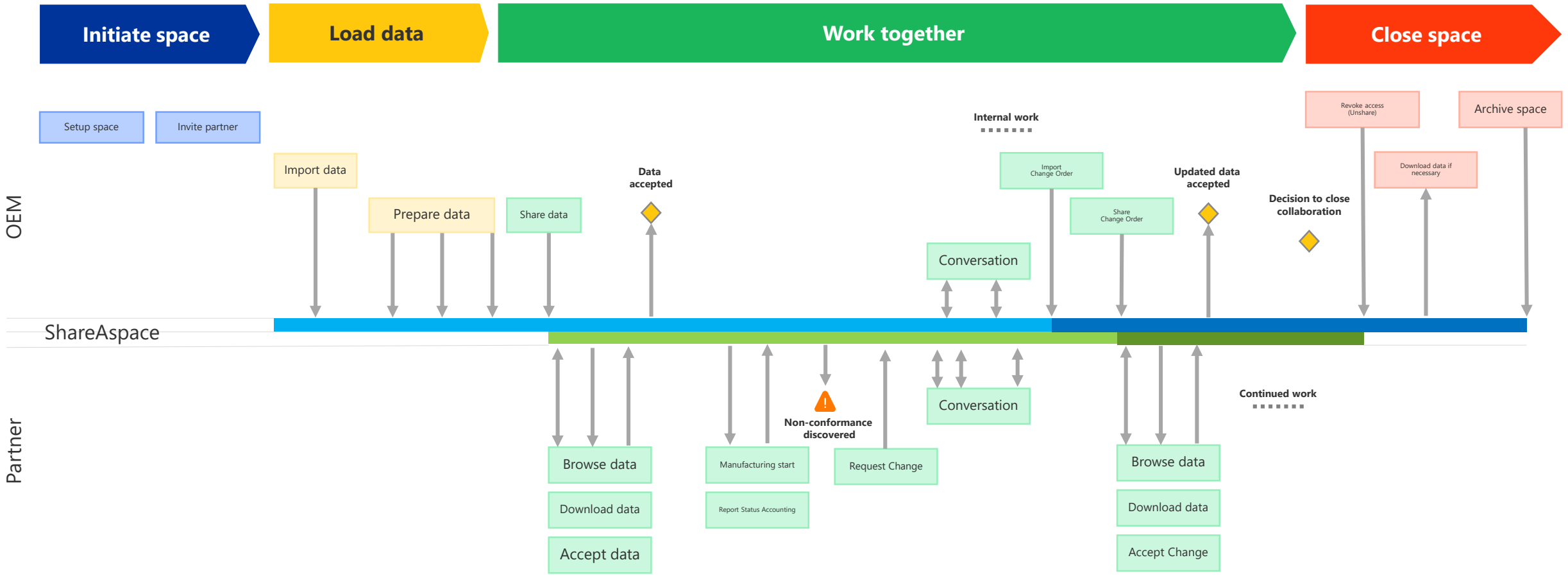
- Our Company has contacted one of the suppliers to help them manufacture the wheel carrier
- The have a signed contract and NDA



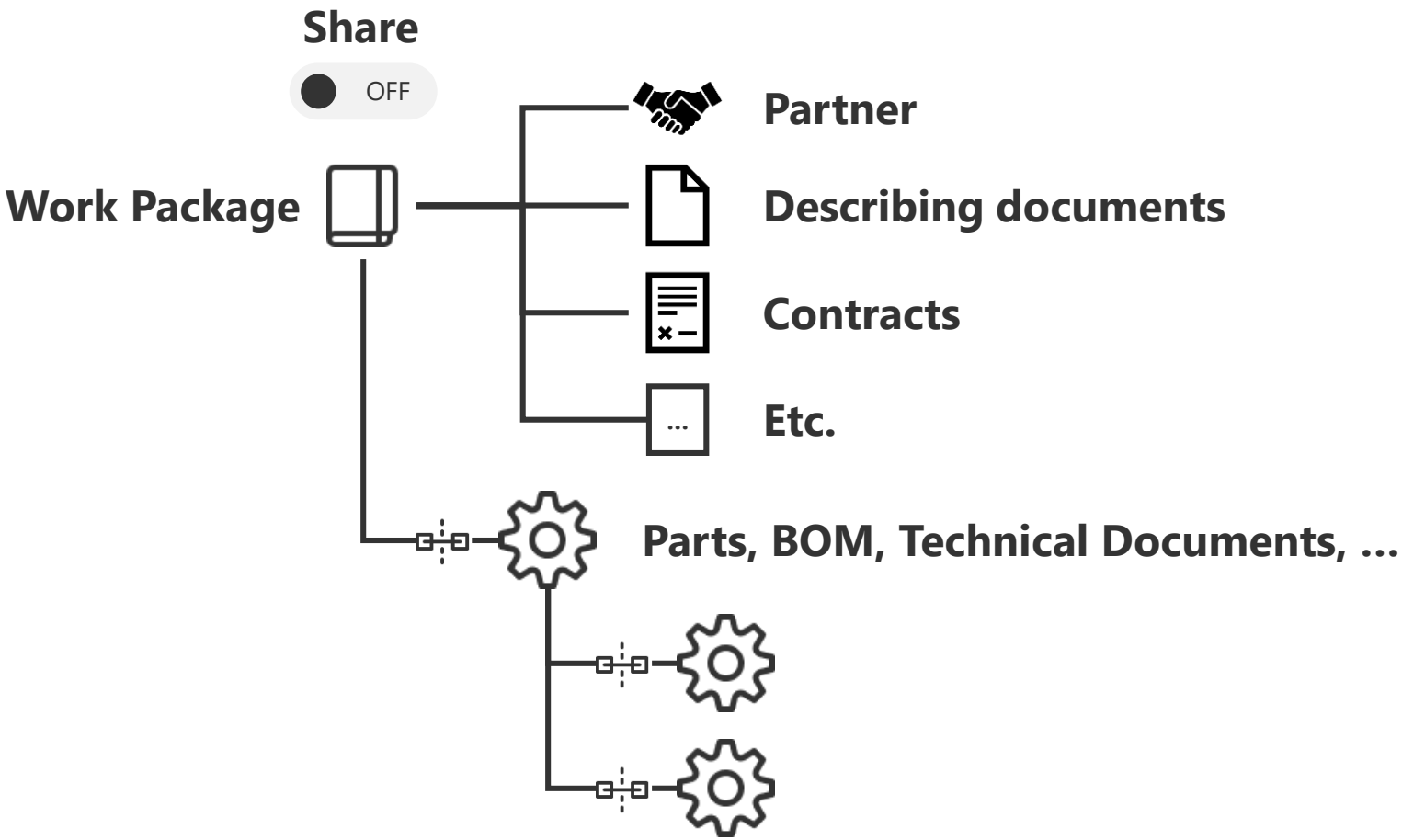
Design to Manufacturing – Build-to-print process



Design to Manufacturing – Build-to-print process

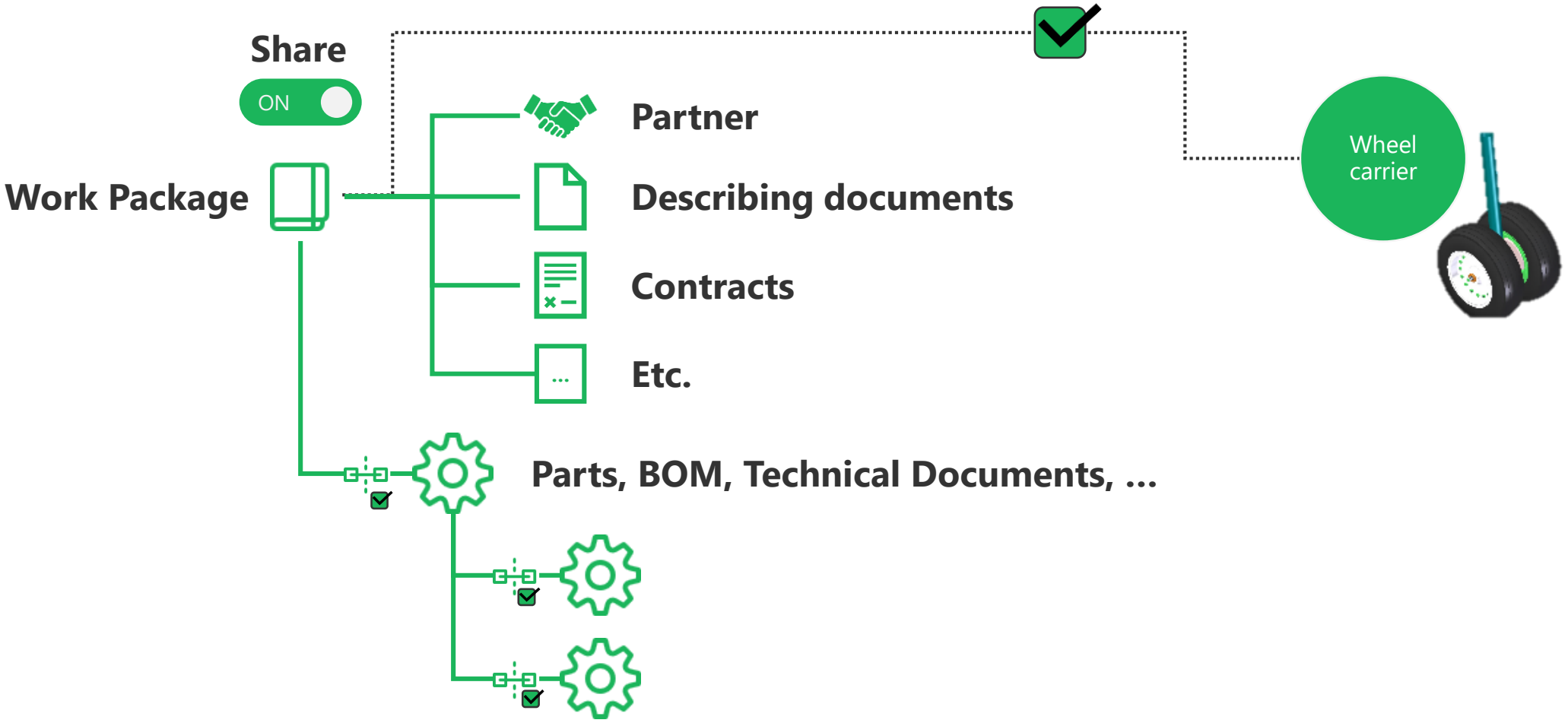


Share data


Share
OFF
Work Package
Partner
Describing documents
Contracts
Etc.
Parts, BOM, Technical Documents, …

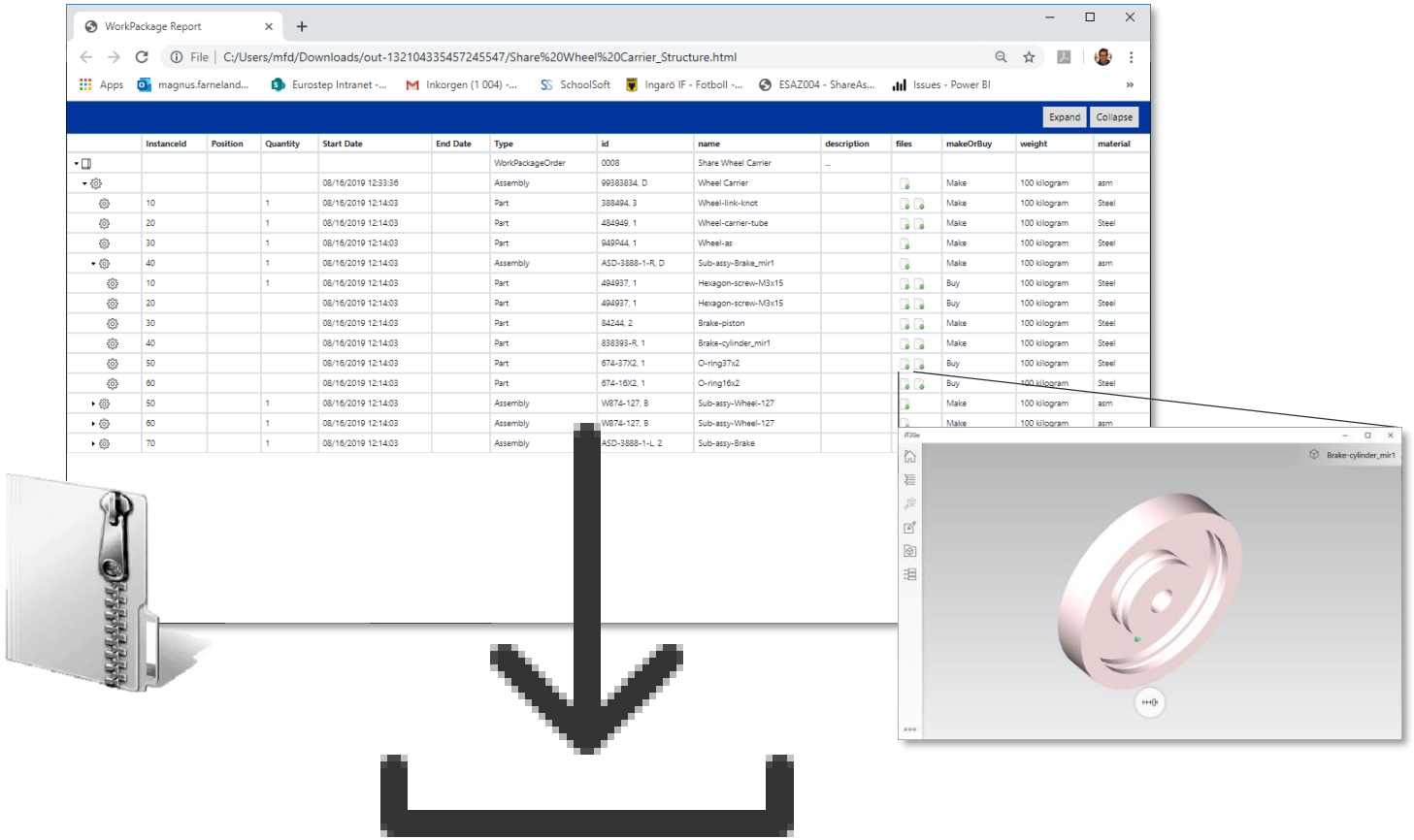
Wheel carrier

Share data – and receive acceptance



Download data – Work offline

- Continue work offline
- Load data into partner systems
- Always make sure you work on the latest, valid data

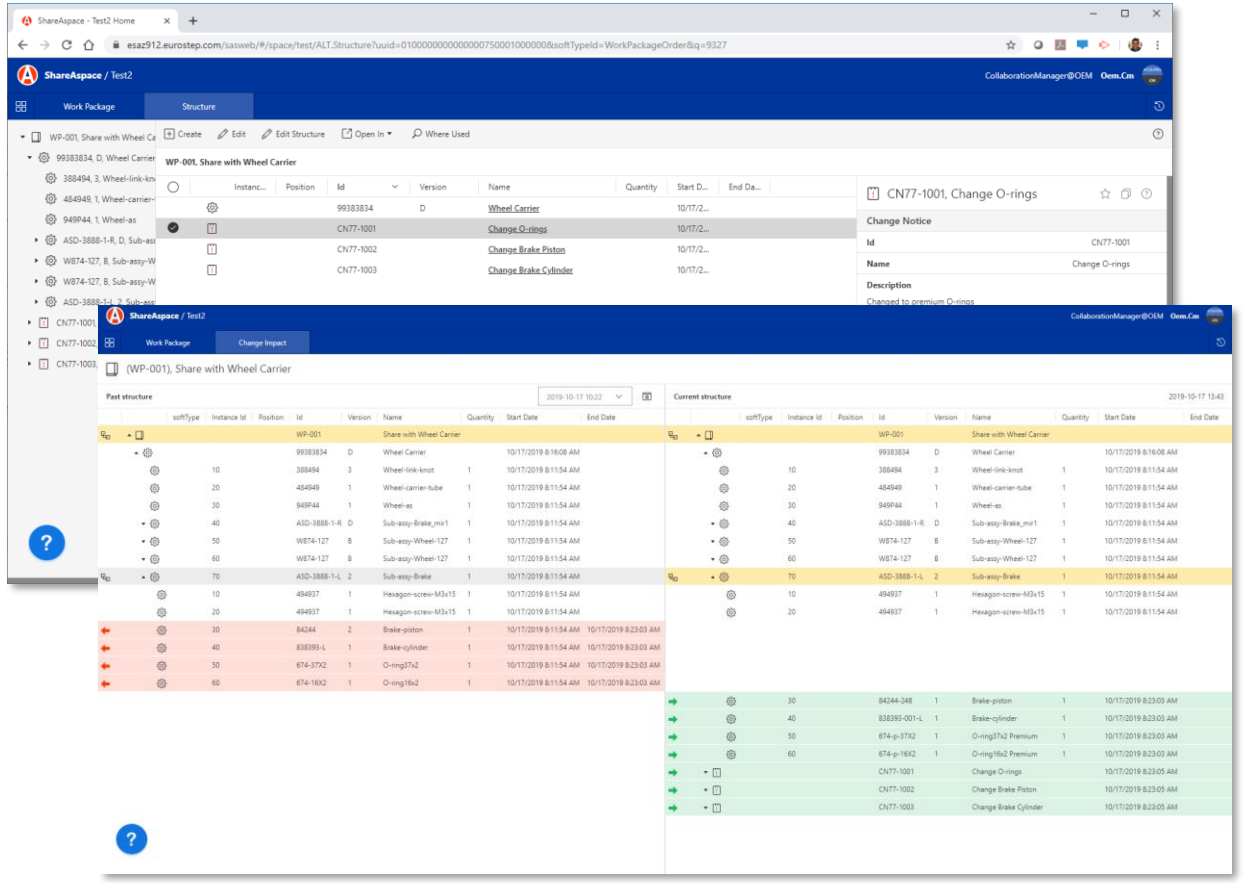


Delivery Records, Problem Reports, Concessions

- Production is seldom straight forward
- ShareAspace help companies to capture feedback on:
  - what has been produced
  - certificates, test protocols related to individuals
  - what specifiction the product was based on
  - if there are any deviations from specifications
  - approval of delivering with deviations, i.e. concession

Stay in control of changing information

- Changes are decided and implemented by the OEM
- Upload ”Change” data set
- Accept changes
  - Track record of what has been accepted and reviewed
- One view for OEM, relevant changes for partners
- Online diff ‘reports’ with complete history of all changes published and accepted



Business benefits

ShareAspace - Design to Manufacturing

Initiate space

- Simple setup, no infrastructure
- Ready made process for collaboration
- Configurable online
- Distributed admin

Load data

- Easy to import data
- Online editing
- Staging area for quality control

Work together

- Easy sharing between companies
- Threaded conversation with context
- Track all changes and visualize impact of change
- Download valid data

Close space

- Remove access from company when needed
- Export result in standard format.

Thanks!

Learn more at shareaspace.com

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