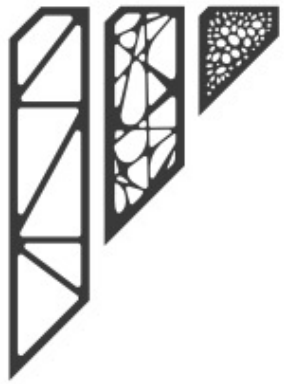
FIELDMADE



sten roger sandvik

sten@fieldmade.no

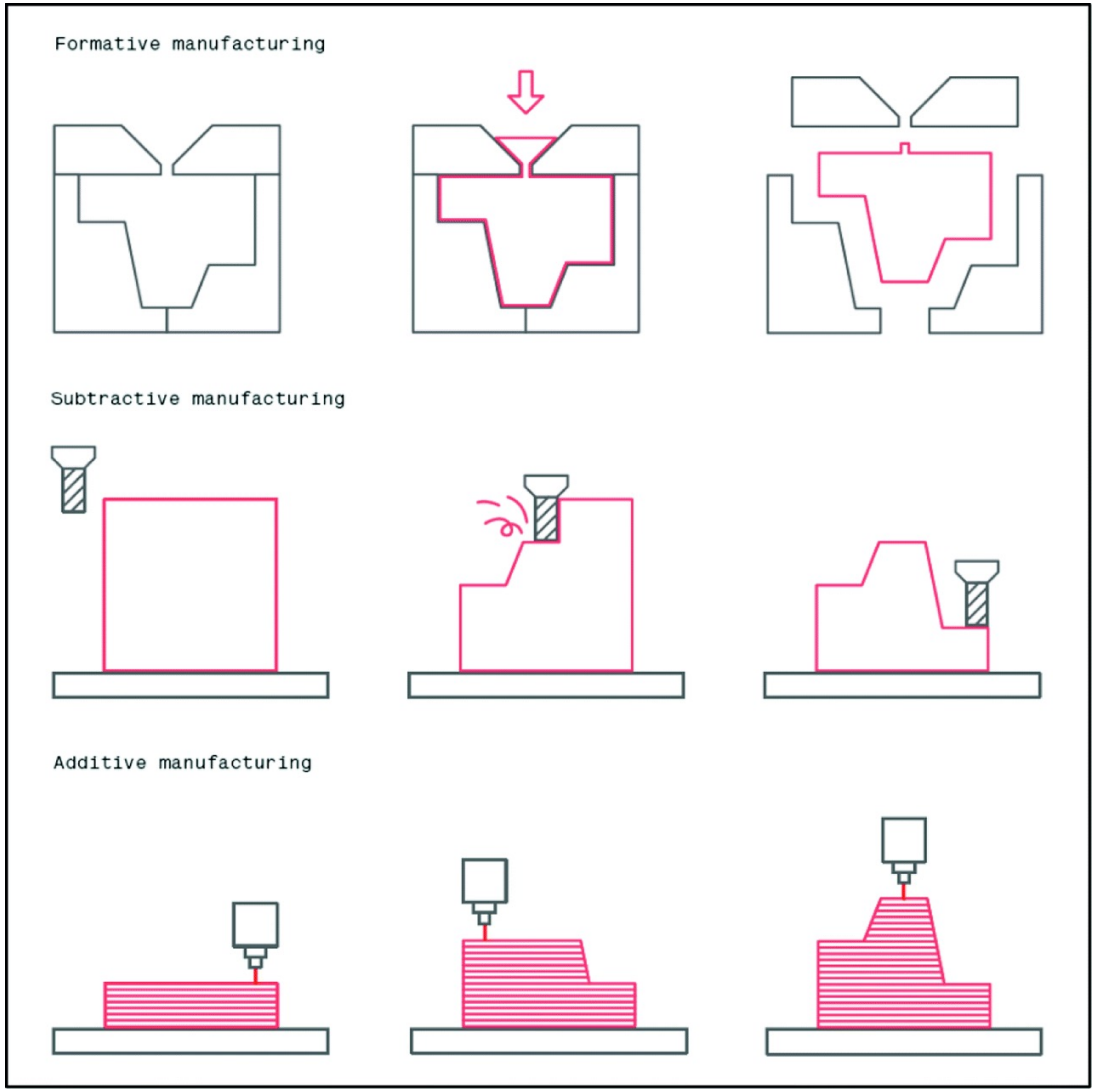
minimize waste

on-demand production

AM

Improved design

minimize transport



powder bed fusion

sheet lamination

binder jetting

AM is not just 3d printing

material jetting

directed energy deposition

vat photo polymerization

material extrusion

NOMAD
01
PRODUCT
DEVELOPMENT
CONTAINER

Fieldmade
Digital Inventory

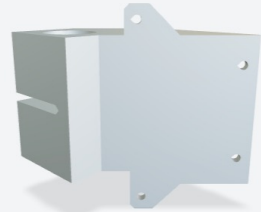
- Market
  - Parts
  - Orders
  - Projects
  - Factories
- Repository
- Production
- Service
- Manage

Sten
Fieldmade HQ

Market / Parts

Sort by: ...

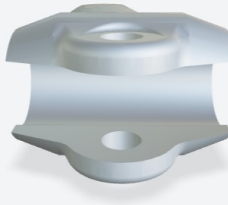
Copper heat sink
2019-IND-FDIP10032-02



Supplier: Fieldmade
Created: 12. aug. 21, 08:47

Order → View

Metal pipe linkage
FMP1000094-01-08

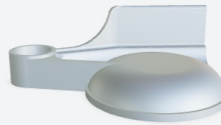


Supplier: Fieldmade
Created: 12. aug. 21, 08:45

Order →

Spring shoe
FM-DEMO-9000005

Airline cap
FM-DEMO-9000001

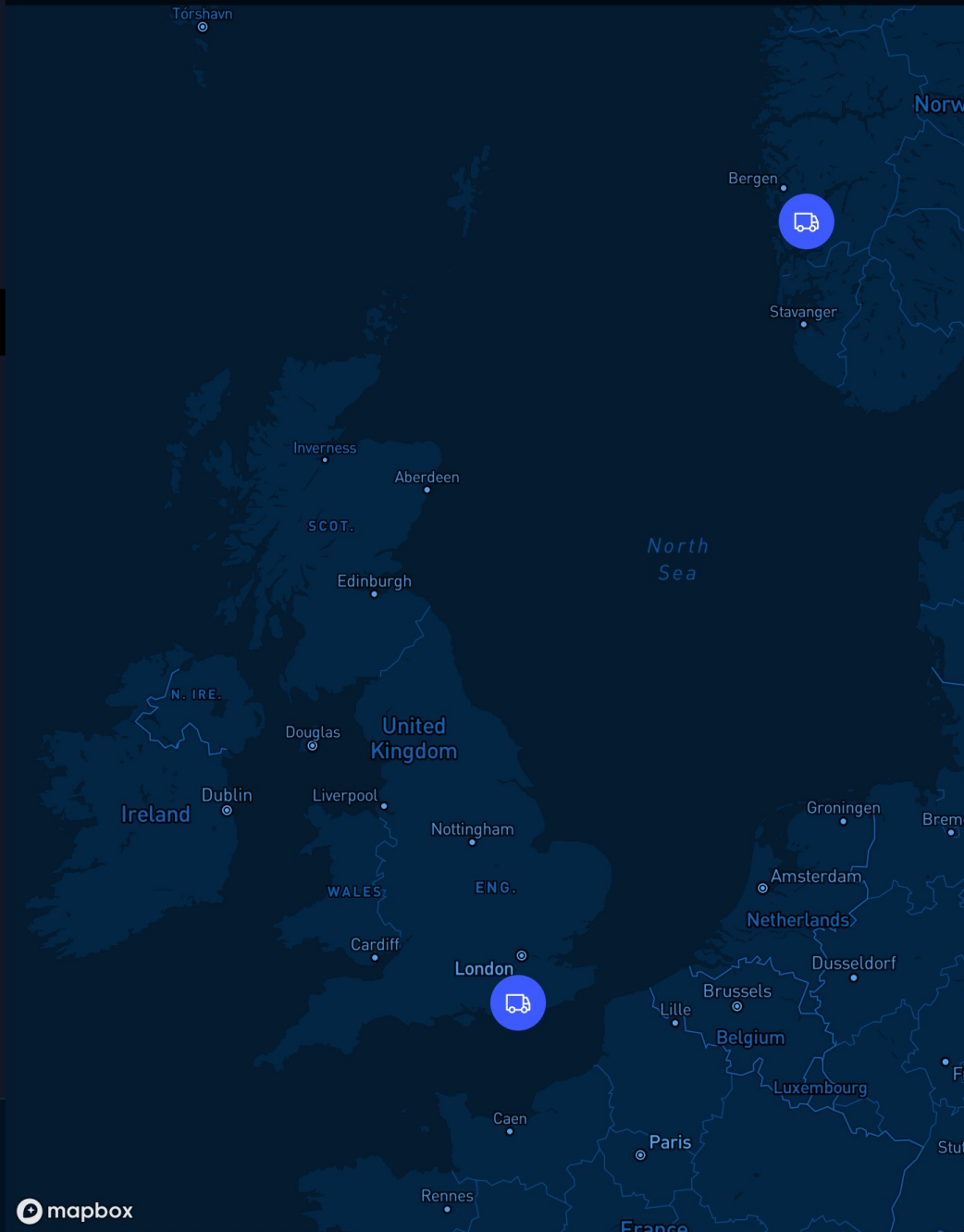


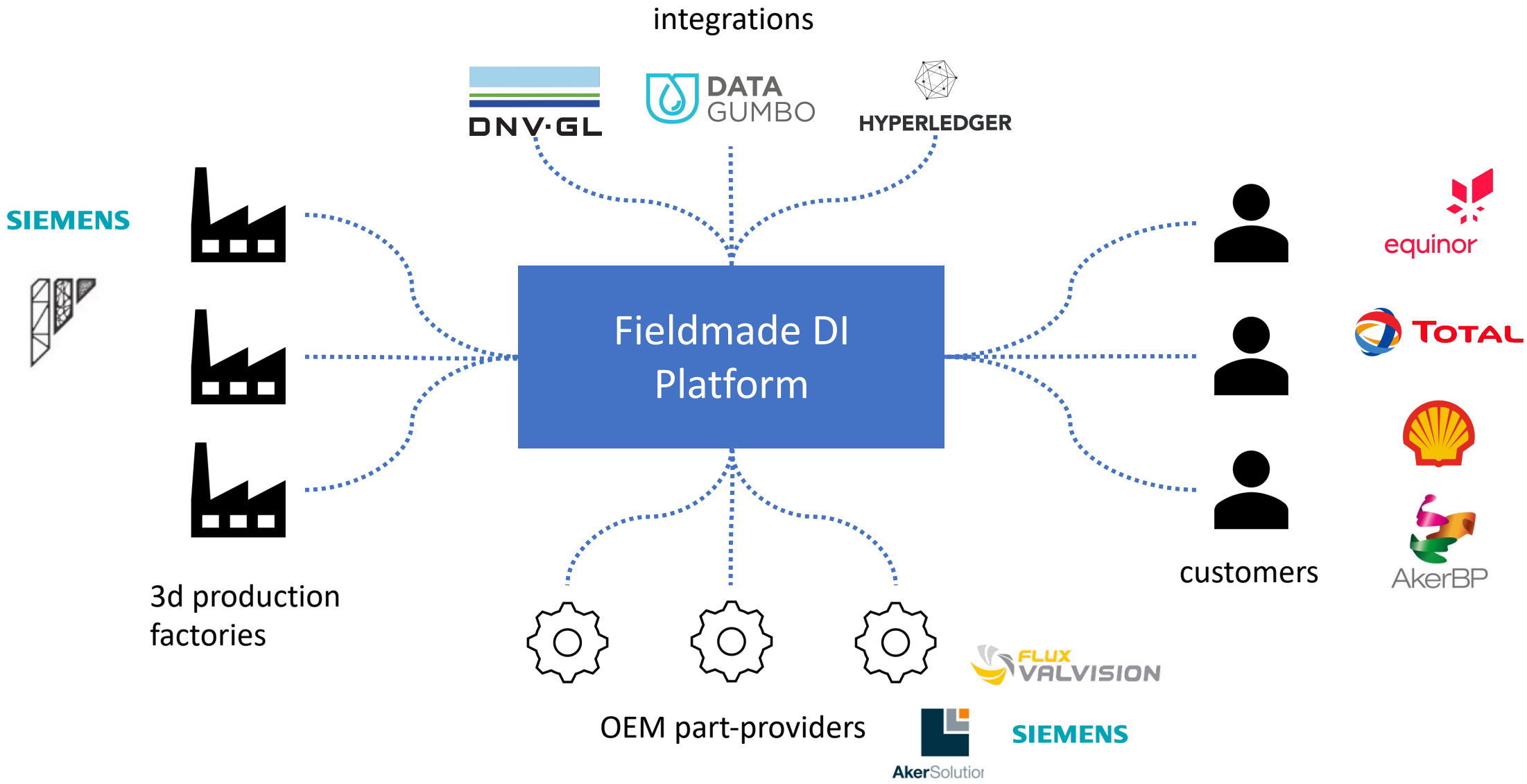
Fieldmade
Digital Inventory

- Market
  - Parts
  - Orders
  - Projects
  - Factories
- Repository
- Production
- Service
- Manage

Sten
Fieldmade HQ

Market / Factories by location




integrations
DNV·GL
DATA GUMBO
HYPERLEDGER
SIEMENS
Fieldmade DI Platform
3d production factories
OEM part-providers
customers
equinor
TOTAL
AkerBP
FLUX VALVISION
SIEMENS
AkerSolutions

3 challenges

paseto tokens

passwordless

decentralized identity

security

hardware keys

multi-tenancy

multi-factor

IP protection

security

IP protection

level 1

stored with shared encryption key

level 2

stored with organization encryption key

unlock keys distributed using blockchain

level 3

stored on 3rd party vaults

defined service provider interface

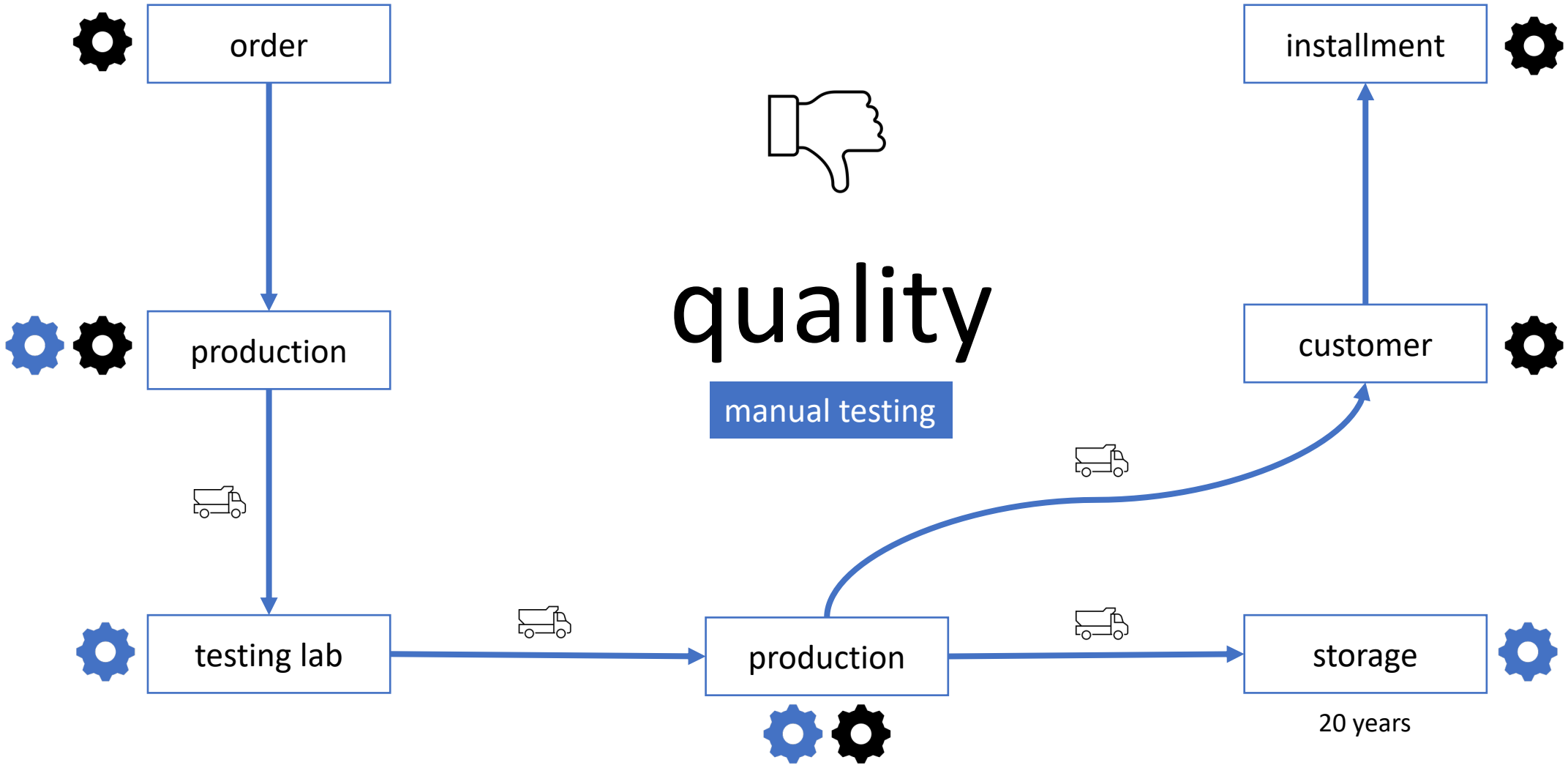
IP visibility

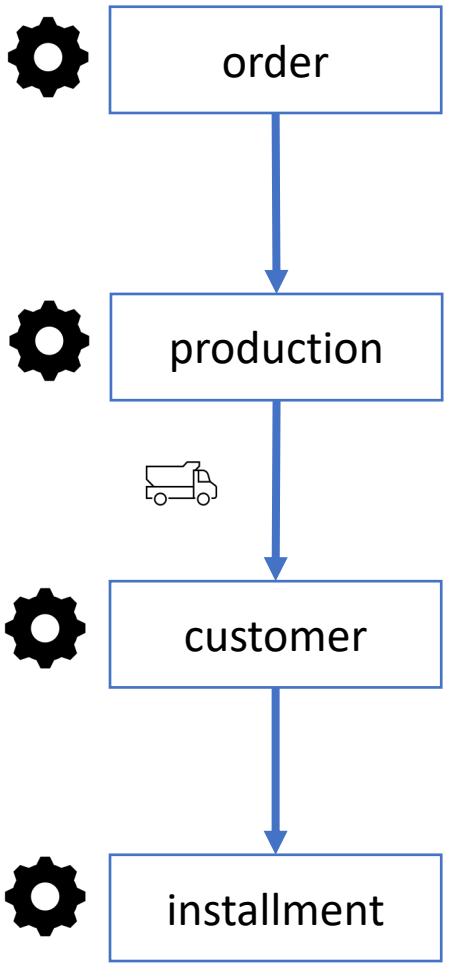
only certified factories producing order

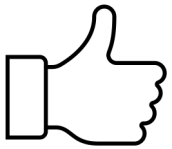
quality

manual testing

digital testing

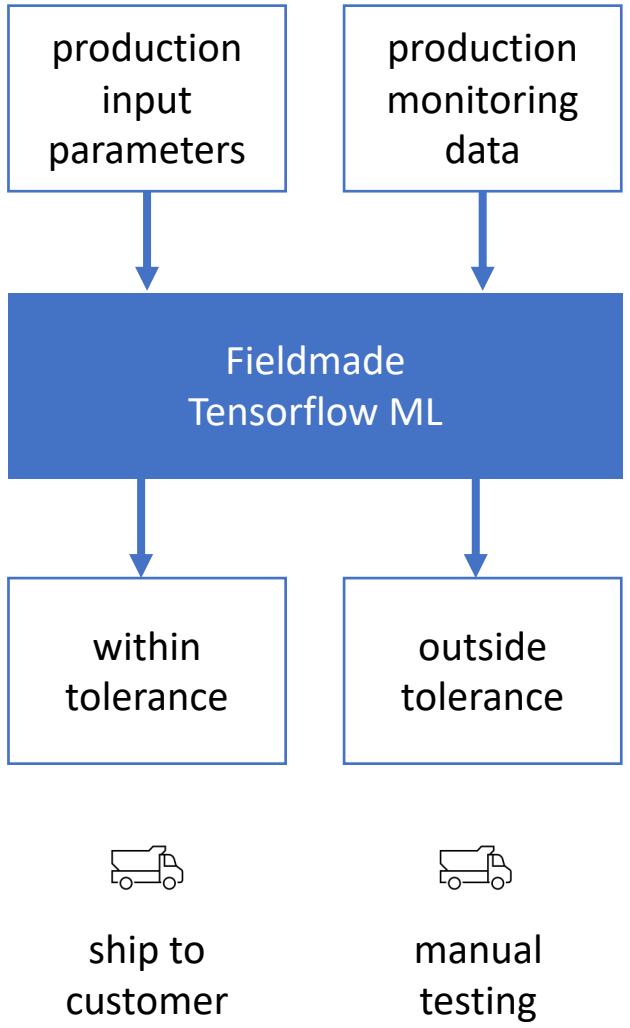

order
production
testing lab
production
storage
20 years
customer
installment
quality
manual testing





quality

digital testing



shipment

emission

audit

part fingerprint

traceability

orders

lead-time

quotations

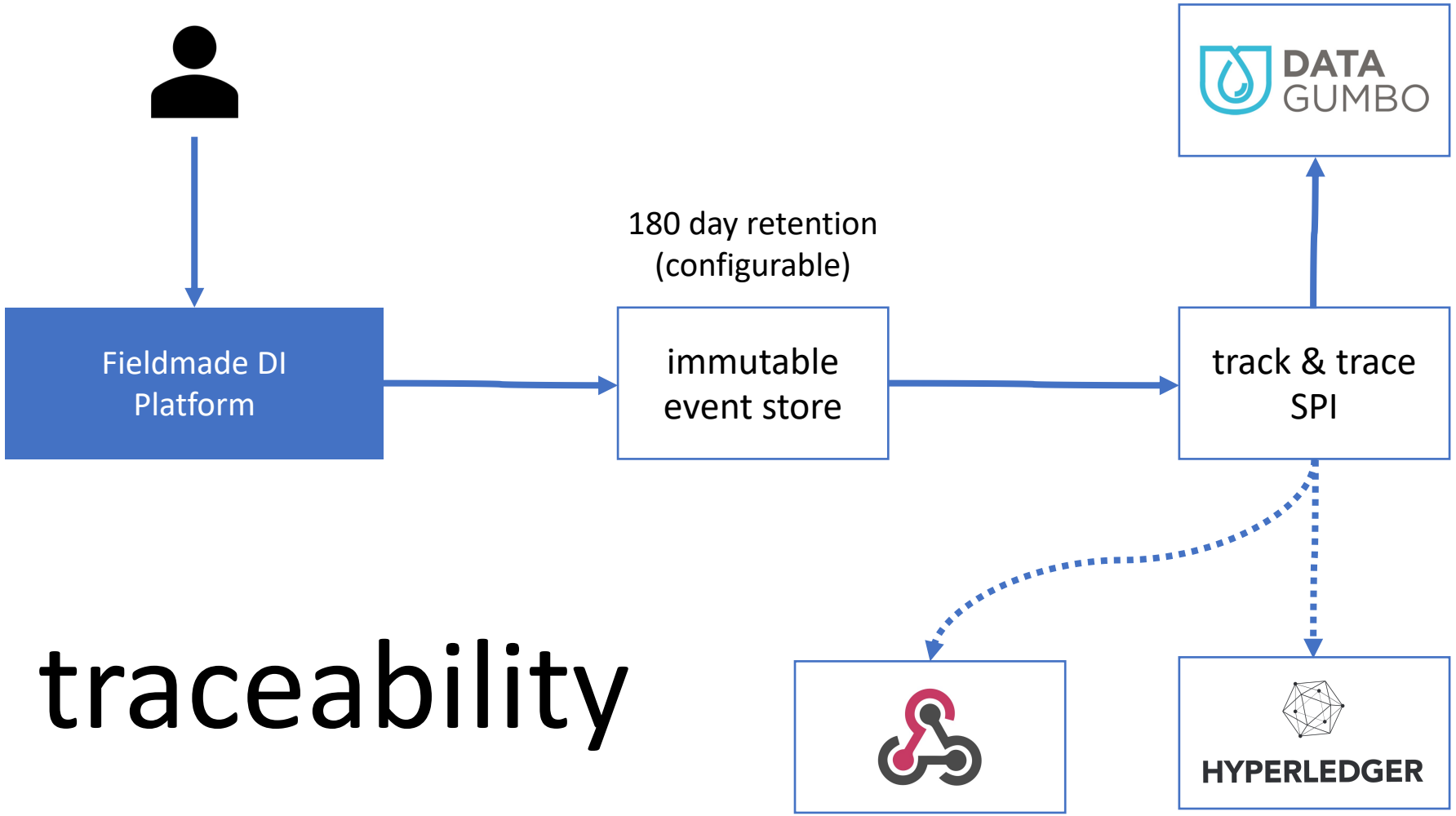
IP usage

eport control

cost

QA certification

material certificate



traceability

on demand

just in time

automate digital supply chain

security

quality with digital testing

traceability

technology

docker
kind
python
terraform
decentralized id
typescript
azure
tensorflow
kubernetes
golang
github
paseto
graphql
tailwind
hyperledger
dapr
envoy
eventhub
istio
gumbonet
grpc
cloud events
cosmosdb

we are hiring :-)

thank you

we are hiring :-)