

Сучасне машинобудування. Що потрібно крім CAD?

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Country Manager in Ukraine

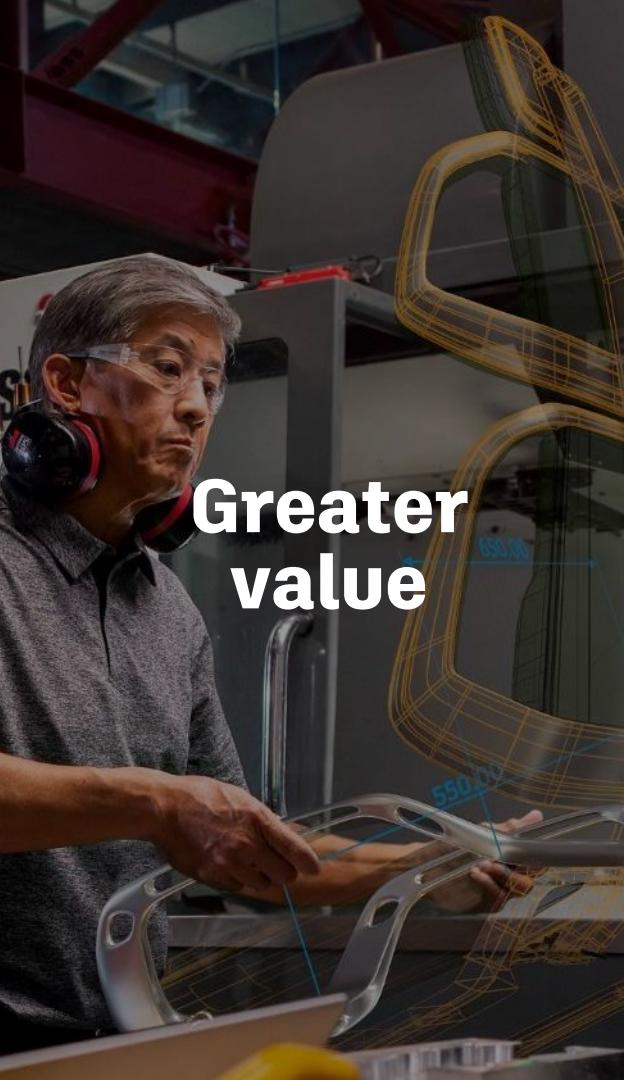
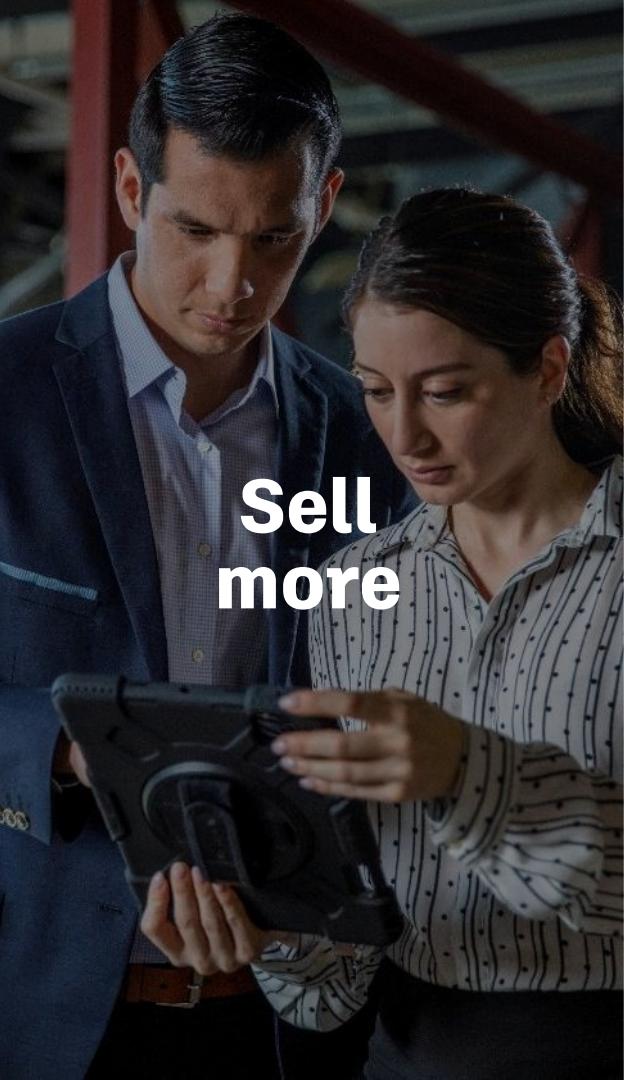
A wide-angle, low-angle shot of a city at night. The foreground is a dark, textured asphalt road. In the middle ground, a multi-lane highway with blurred lights from moving vehicles curves to the right. The background is filled with the illuminated facades of numerous skyscrapers of various heights and architectural styles. The sky is a deep, dark blue. The overall effect is one of motion and urban energy.

We're all on a journey



**Better
products**

 **AUTODESK**

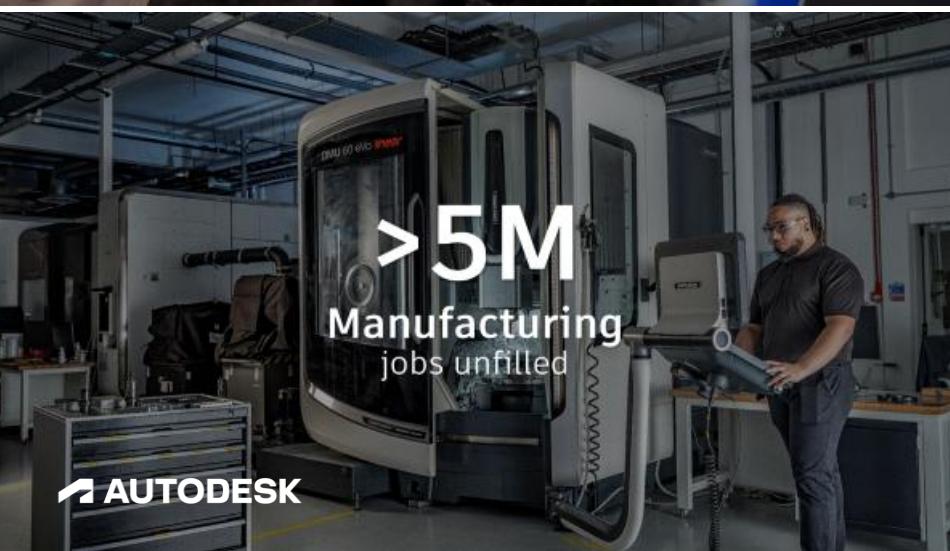




45%
New products
delayed by one month



72%
Products fail to hit profit targets



>5M
Manufacturing
jobs unfilled



3%
Global
productivity plateau

**Disruption creates
opportunity**



**Smart
products**

 **AUTODESK**



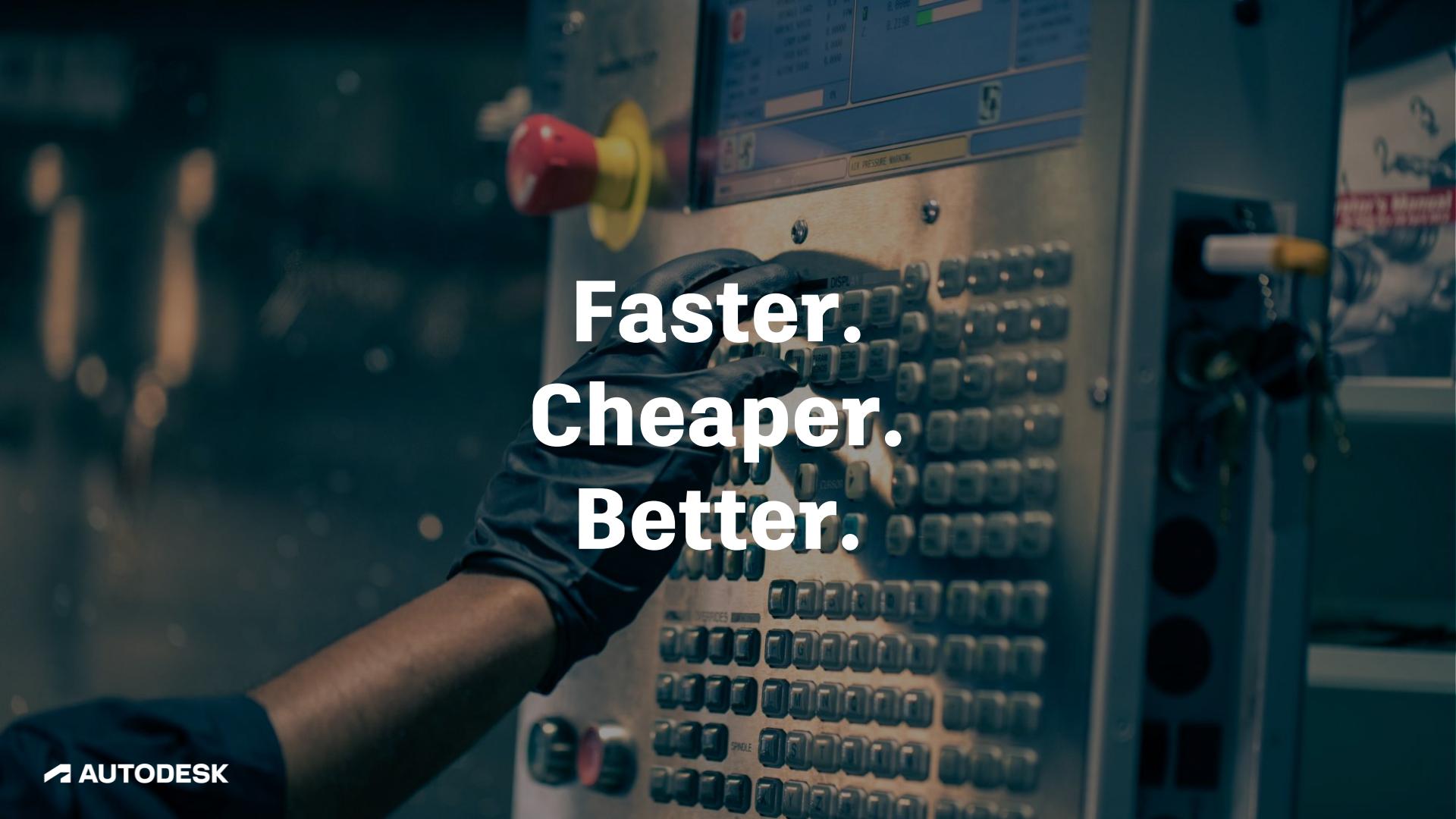
**Digitized
processes**



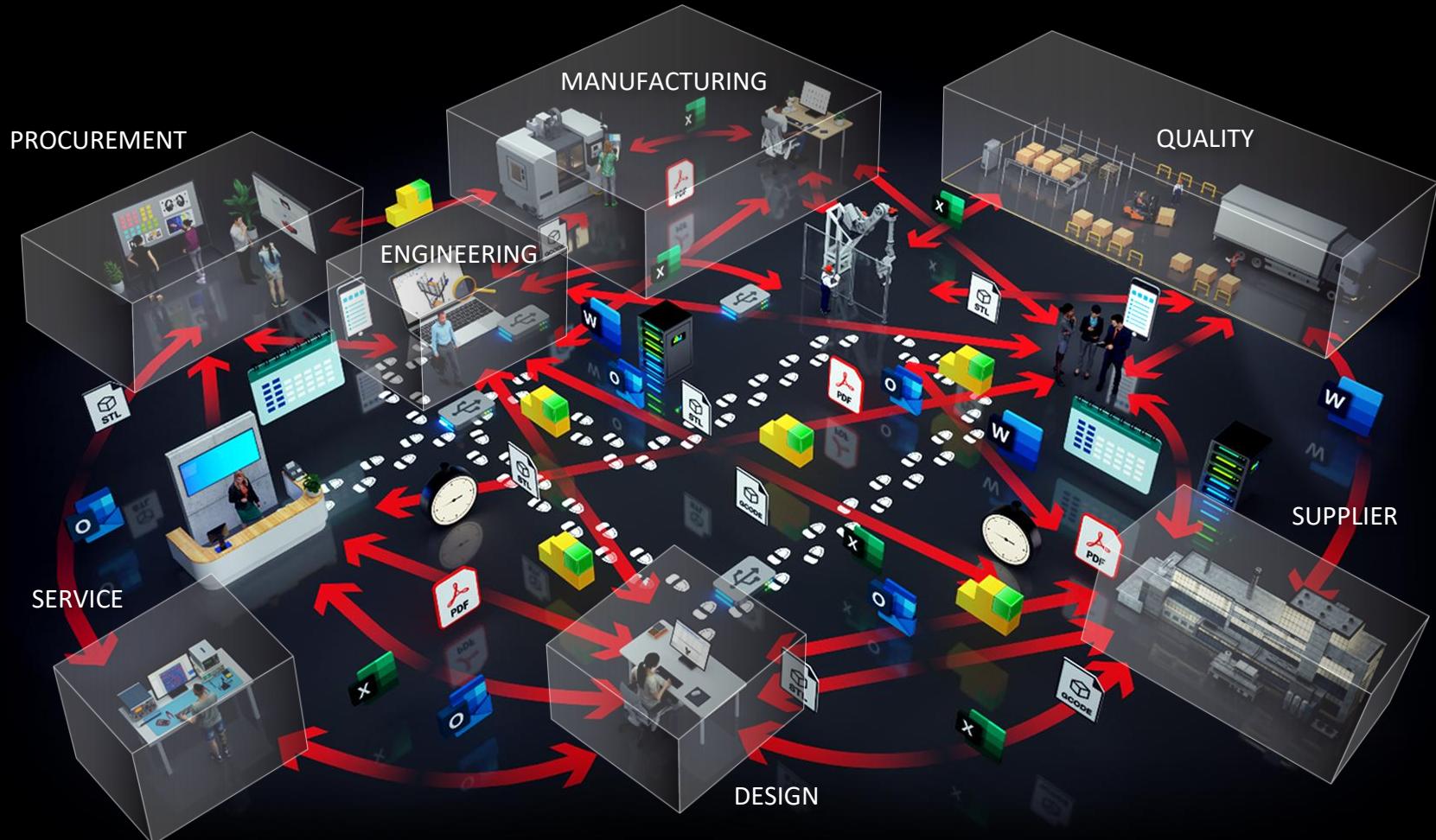
**Resilient
& flexible
supply
chains**



Resilient & flexible supply chains



**Faster.
Cheaper.
Better.**





RFQ response

Design update notification

Supplier change request

Quality inspection report

Component data sheet

Design review follow-up task

Product technical specification

Audit corrective actions

Change notification

PPAP deliverable



Challenges



Supplier management

audits, on-boarding, SQBR

Components sourcing

AML/AVL, BOM costing

Supplier quality

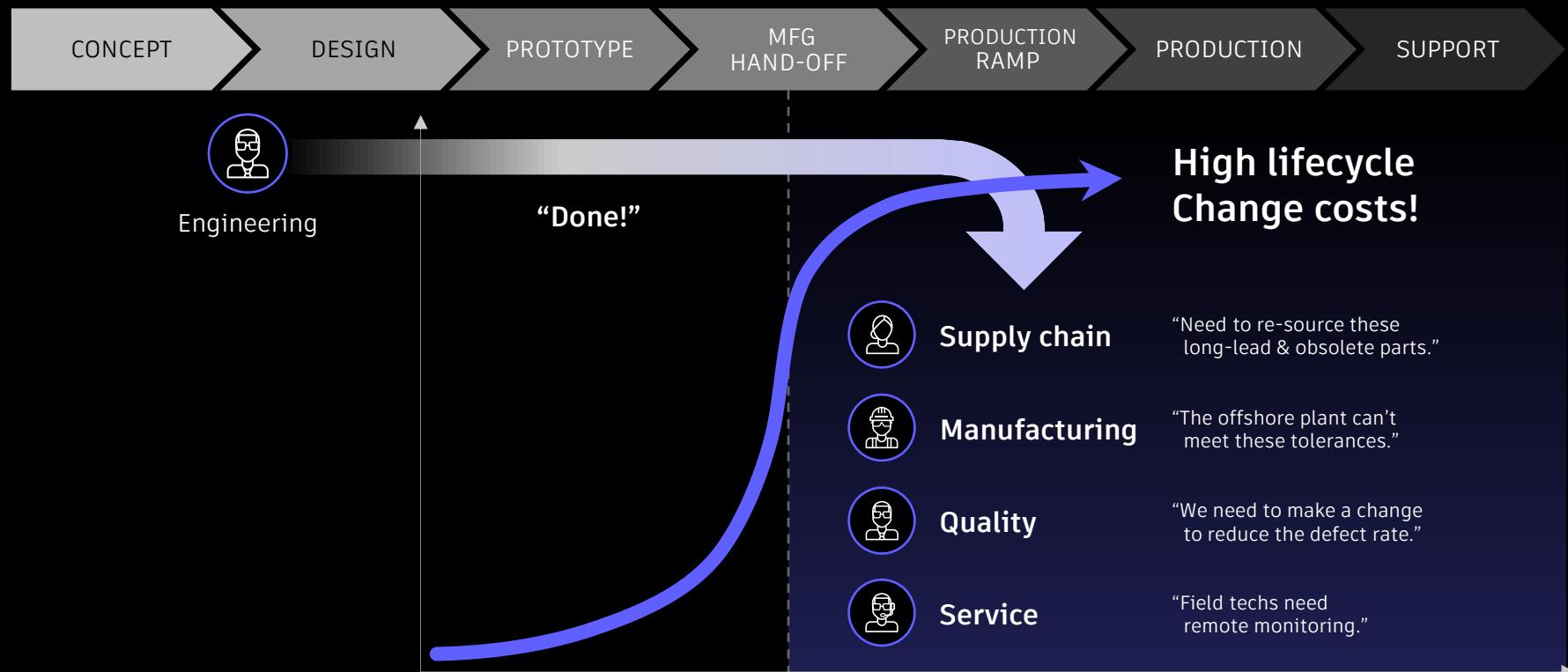
SCAR, supplier change management

Supplier data exchange

RFQs, packages, deliverables, proposals

Typical practice: “Throw it over the wall”

No feedback on early development decisions from downstream functions

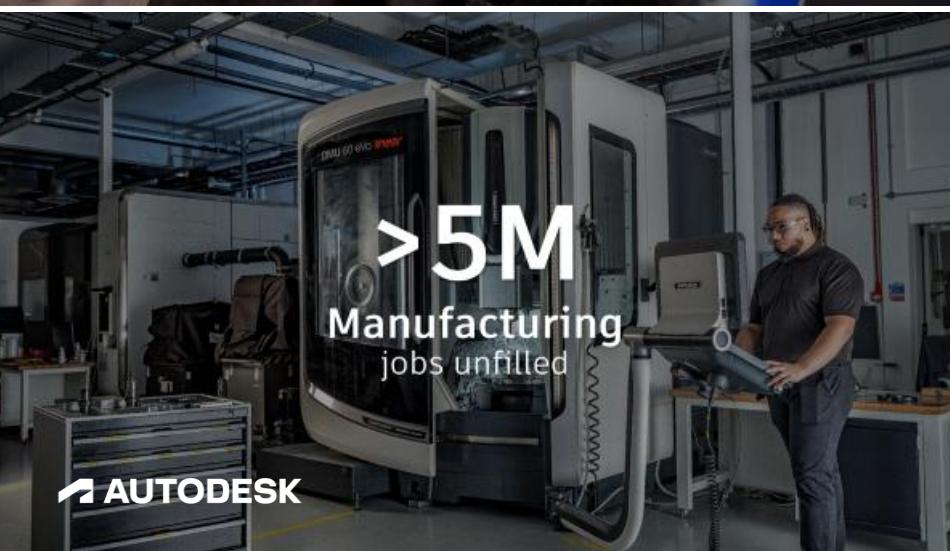




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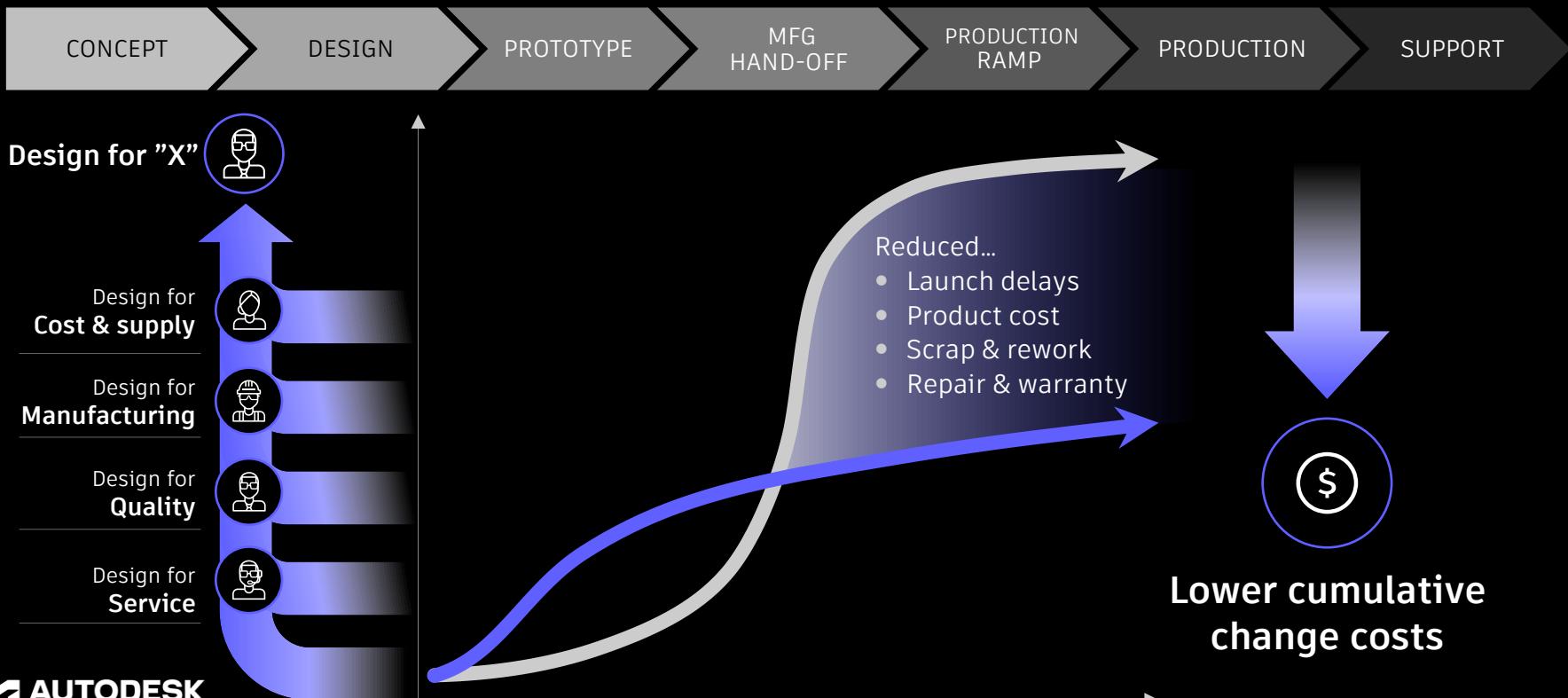
>5M
Manufacturing
jobs unfilled



3%
Global
productivity plateau

Best practice: Early cross-functional collaboration

Improve decisions with early involvement, improved access to information



Data

Keep data at the center

NEARLY 1 IN 3 COMPANIES
SAY THEY HAVE WORKED
ON WRONG / OUTDATED DATA

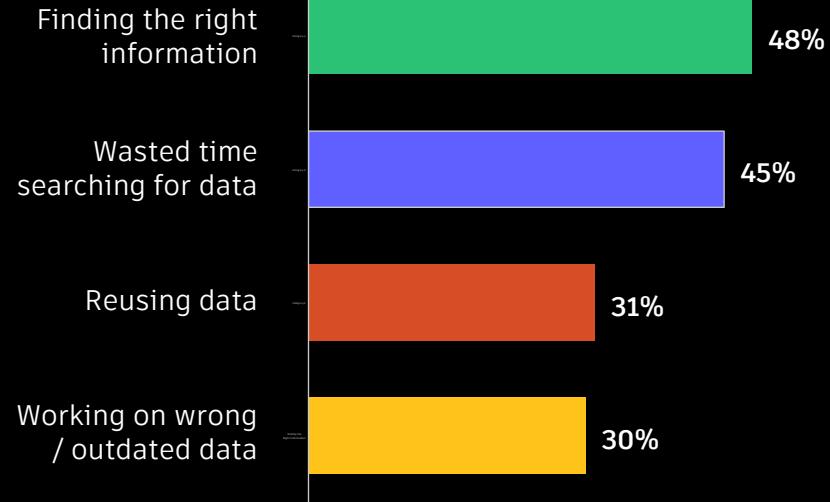
Companies struggle with the basics of PDM

- ④ Controlling
- ④ Accessing
- ④ Sharing



PRODUCT
DATA

Core data management challenges



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**Did we receive this before (partially)?
What has changed?**

Can you spot the difference?

Drawing Nr.

4107 01 000 1

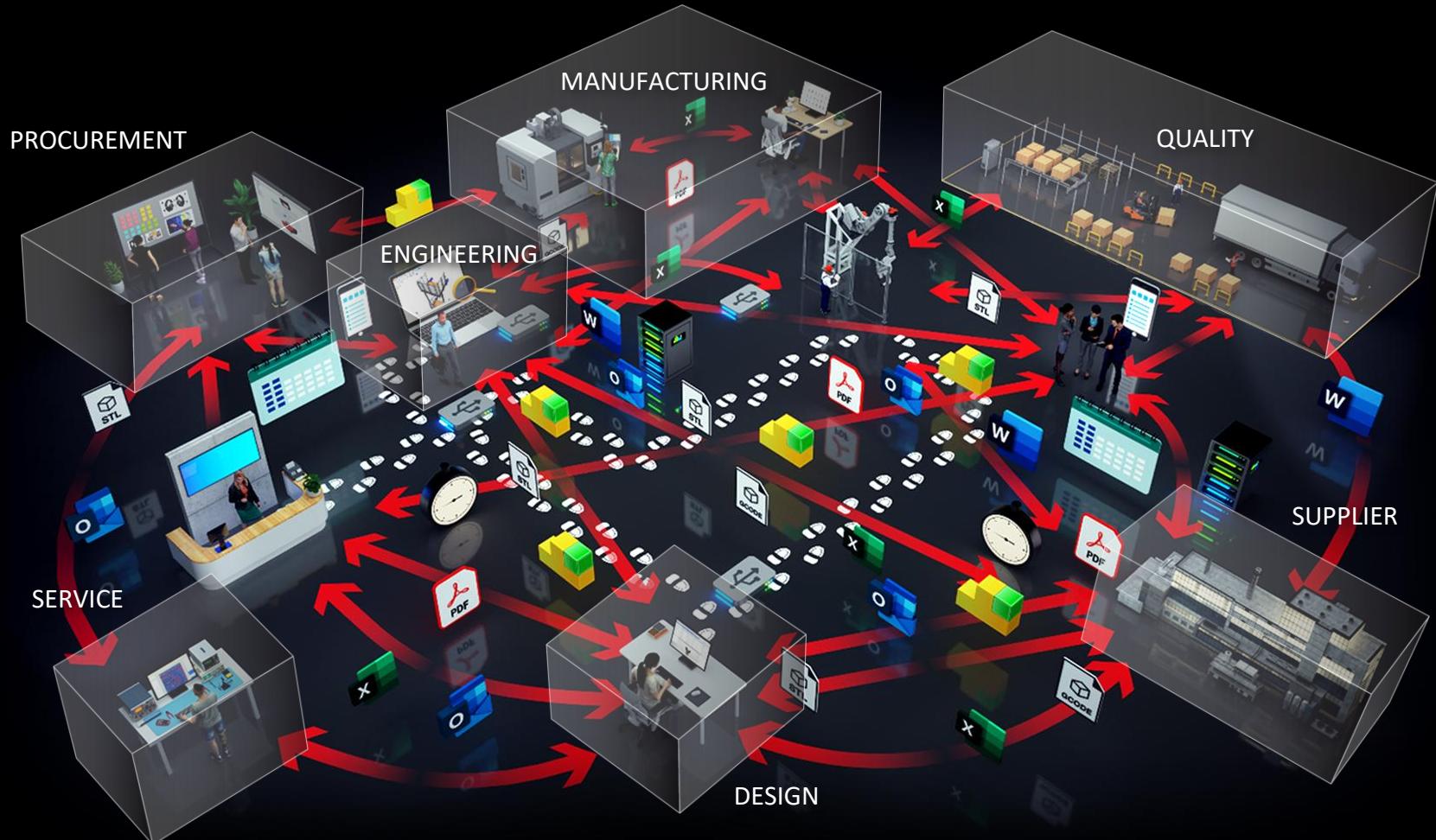
Drawing Nr.

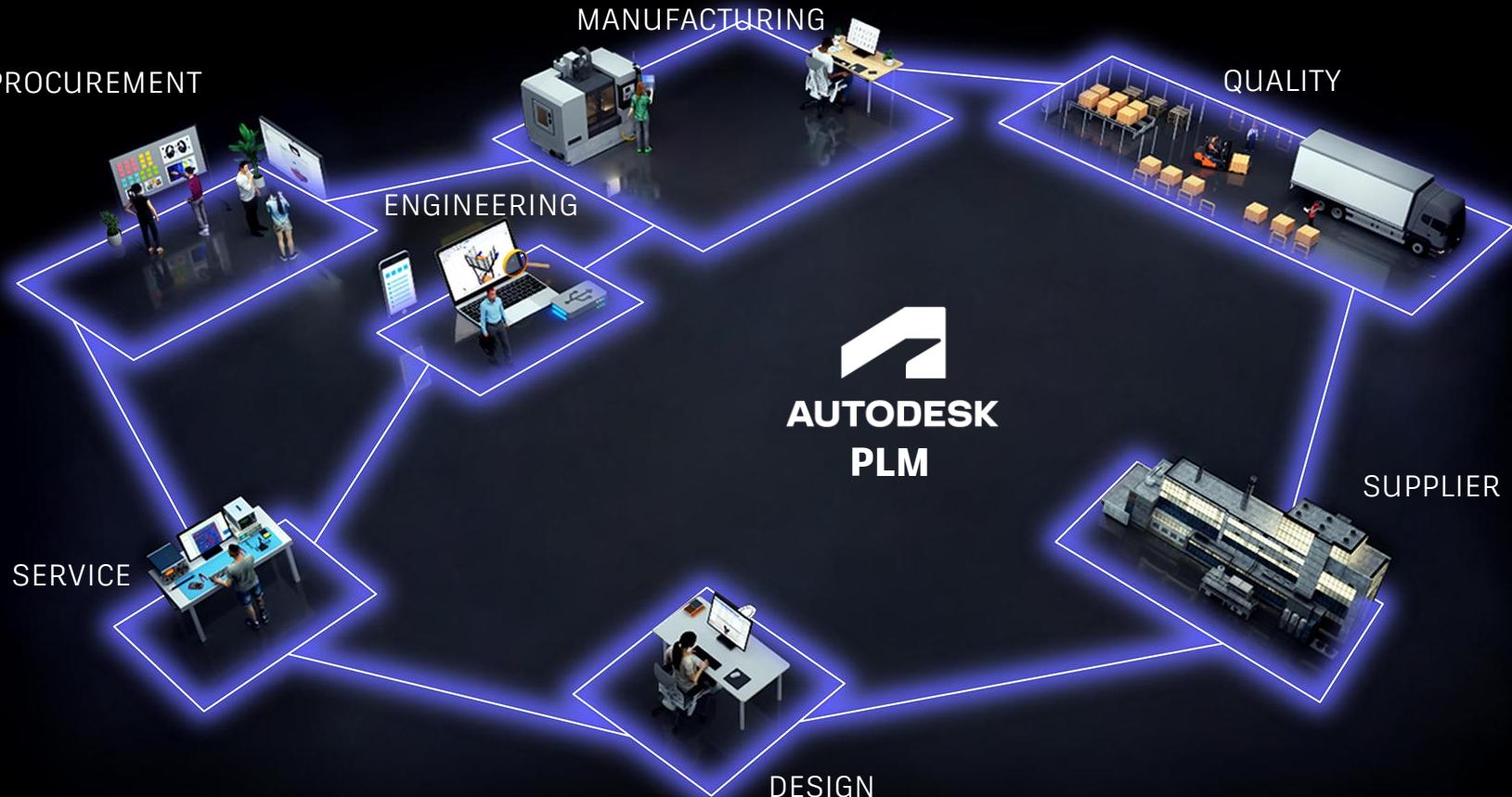
4107 01 0001

Drawing Nr.

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Data and Process Management







Data

Keep data at the center



People

Collaborate with internal and external stakeholders



Process

Control product development processes

PLM drives business value

Why we are different

Access anytime, anywhere



 Web application

 Cloud-based

 Configurable tenants

 Software as a service

 Trusted Autodesk framework

Built for integration



 **Integrate** commercial applications, corporate IT systems, and databases

 **Migrate** data from existing tools and systems

 **Consolidate** and organize disparate data from multiple locations and systems

Fast time to value



Simple subscription model



Global support and consulting network



Start with one process at a time and easily expand as you need

Business Benefits

Improve time to market

Better react on customer requirements

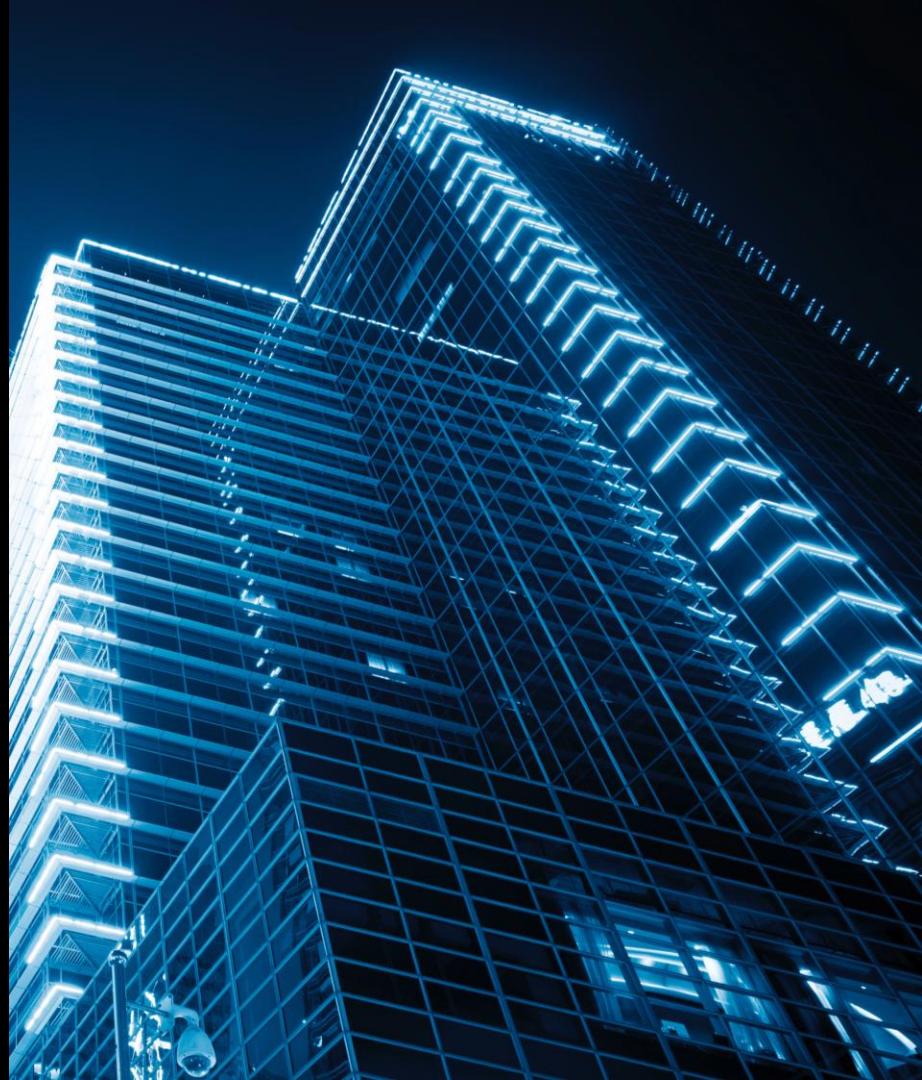
Extend product portfolio

Improve product quality

Reduce manufacturing cost

Efficient supplier collaboration

Comply with regulatory / industry needs



Software for data and process management



Fusion Manage

Cloud PLM that connects your people, processes, and data

- Configurable, easy-to-use PLM processes
- Flexible, scalable cloud PLM that adapts to your business
- Open API for integration with other systems like PDM, ERP, and CRM



Vault

Get your data under control with PDM

- Automate design and engineering processes
- Control what people can access and edit
- Track revisions and design history

PRODUCT
LIFECYCLE PHASES & CAPABILITIES

CONCEPT

1. DATA IMPORT
2. GENERATIVE DESIGN
3. SURFACE MODELING
4. FREEFORM MODELING
5. RENDERING

ENGINEERING

1. CAD
2. CAM
3. CAE
4. PCB

PRODUCTION

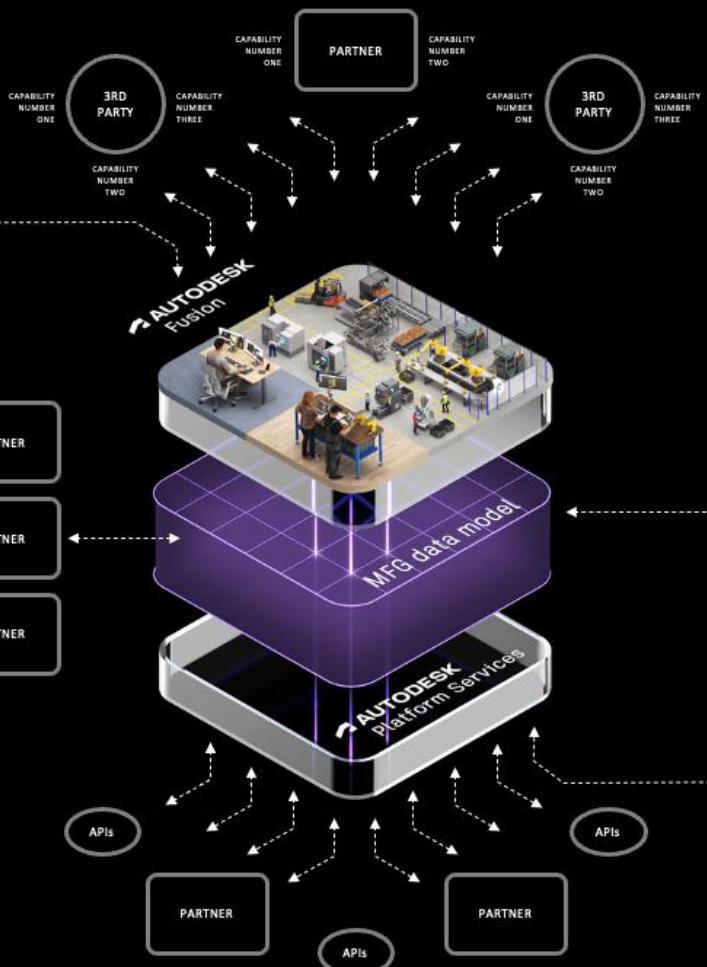
1. QUALITY MANAGEMENT
2. REAL-TIME DATA TRACKING
3. CONNECTED MANUFACTURING
4. PRODUCTION WORKFLOW VISUALIZATION

SALES

1. ORDERING
2. QUOTING
3. CONFIGURATIONS

OPERATION

1. PREVENTATIVE MAINTENANCE
2. OPERATIONAL PERFORMANCE



APIs



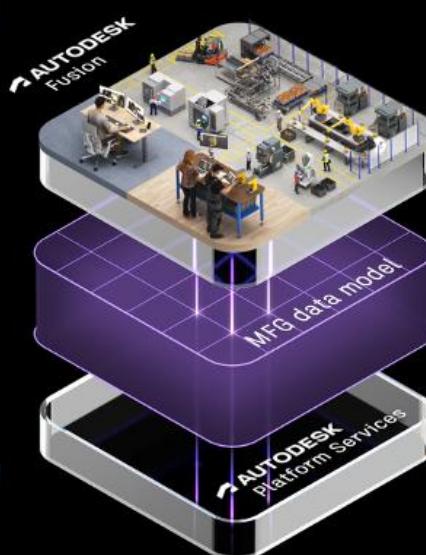
FLEXIBLE MANUFACTURING



DIGITAL COLLABORATION



CUSTOMER EXPERIENCE



MASS CUSTOMIZATION



SMART SERVICES





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