

Prodsmart: Digitizing and Automating Manufacturing Processes

Gonçalo Fortes
Senior Manager, Product Management



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Agenda

- 1 Prodsmart – intro and overview
- 2 Product demo
- 3 Q&A



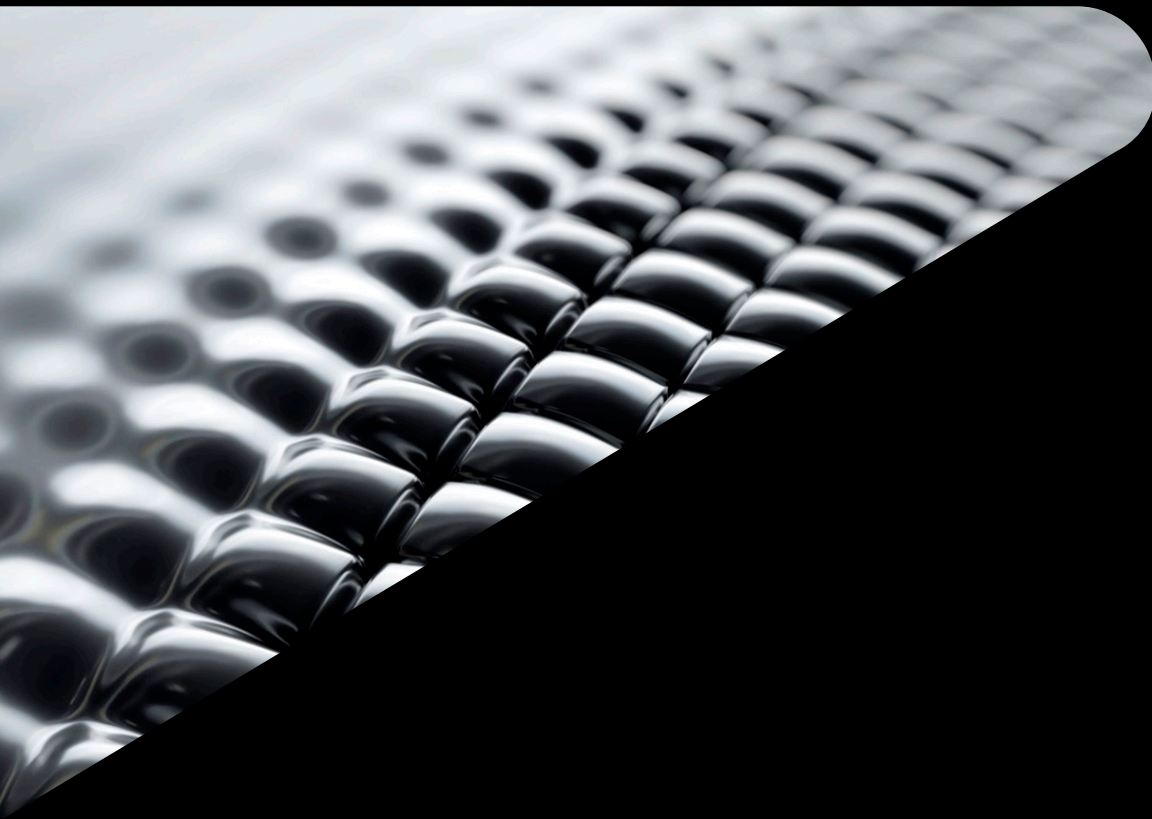
About me

Gonçalo Fortes

Senior Manager, Product Management at Autodesk

Born into the Manufacturing world, Gonçalo has a background in Software Engineering. Bringing the two together, his path led to the creation of Prodsmart and Gonçalo is the utmost expert with the longest standing experience in Prodsmart use cases and applications. His vision for the product is inspiring the entire team and pointing the way to Prodsmart's future.





Overview

Prodsmart

Prodsmart optimizes the shop floor and connects your entire organization with digitized and automated manufacturing processes.

Plan, assign, manage, track and analyze fabricating and manufacturing shop floor production with one software solution.



Key takeaways



Manufacturing

- Reduce Resource Consumption
 - Optimize your resources through production planning
- **Increase Manufacturing Flexibility**
 - **Plan ahead for your next production run**
- Improve Supply Chain Agility and Collaboration
 - Digitize, standardize and streamline your processes and reporting



Business

- Reduce Environmental Impact
 - **Know and minimize your by-products and waste**
- Improve Forecast Accuracy
 - Through real-time data and production planning
- Improve Collaboration and Data Exchange
 - Through cloud-based management solutions

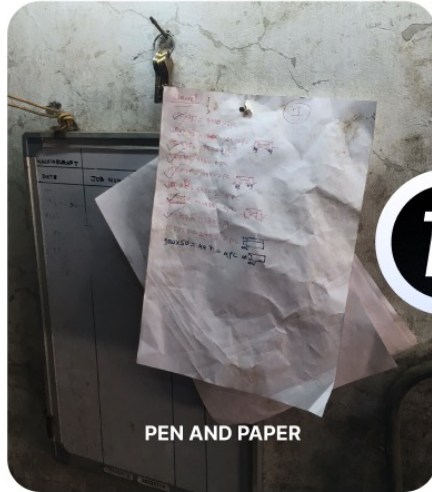


IT

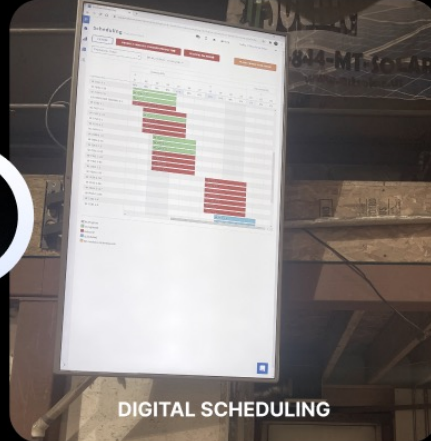
- Accelerate Project Deployment and Increase Digital Maturity
 - **With a quick and easy to deploy production planning solution**
 - And a step-by-step, self-paced digitization solution
- Improve Data Driven Decision Making
 - With a cloud-based, centralized and real-time solution for your factory floor data
 - With quick access visualization of data, charts and dashboards

Automating and digitizing manufacturing processes in real time

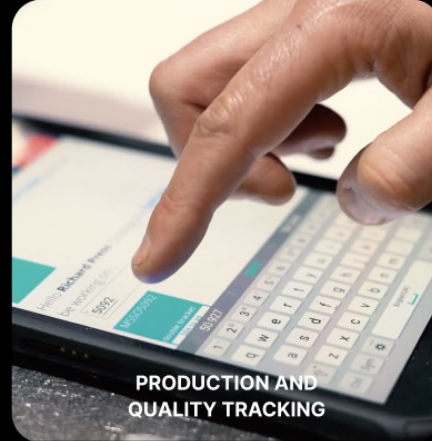
BEFORE PRODSMART



PEN AND PAPER



DIGITAL SCHEDULING



PRODUCTION AND
QUALITY TRACKING

AFTER PRODSMART

PROBLEMS



Paper and spreadsheet-based systems that lead to:

- High processing costs
- Increased waste and scrap
- Missed deadlines and shipping delays
- Low productivity
- Lack of mission critical information



Decrease costs

- Reduce raw materials waste and process waste
- Eliminate paper processing time
- Eliminate production process bottlenecks

BENEFITS



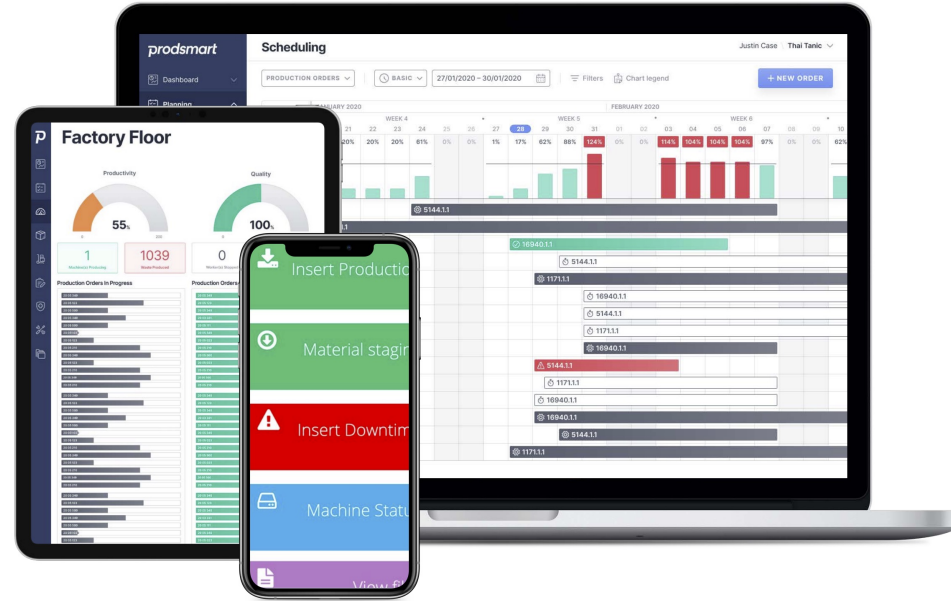
Increase efficiency and revenue



Keep your customers happy

Why Prodsmart?

- Modular and flexible web and mobile-based application
- Plug and play at customer level - instant collaboration on the office and shop floor, regardless of company size
- Instant data capture - using tablets, smartphones, barcodes/QR codes, etc
- Supports all production types (high-mix, low-volume, custom parts, mass production)

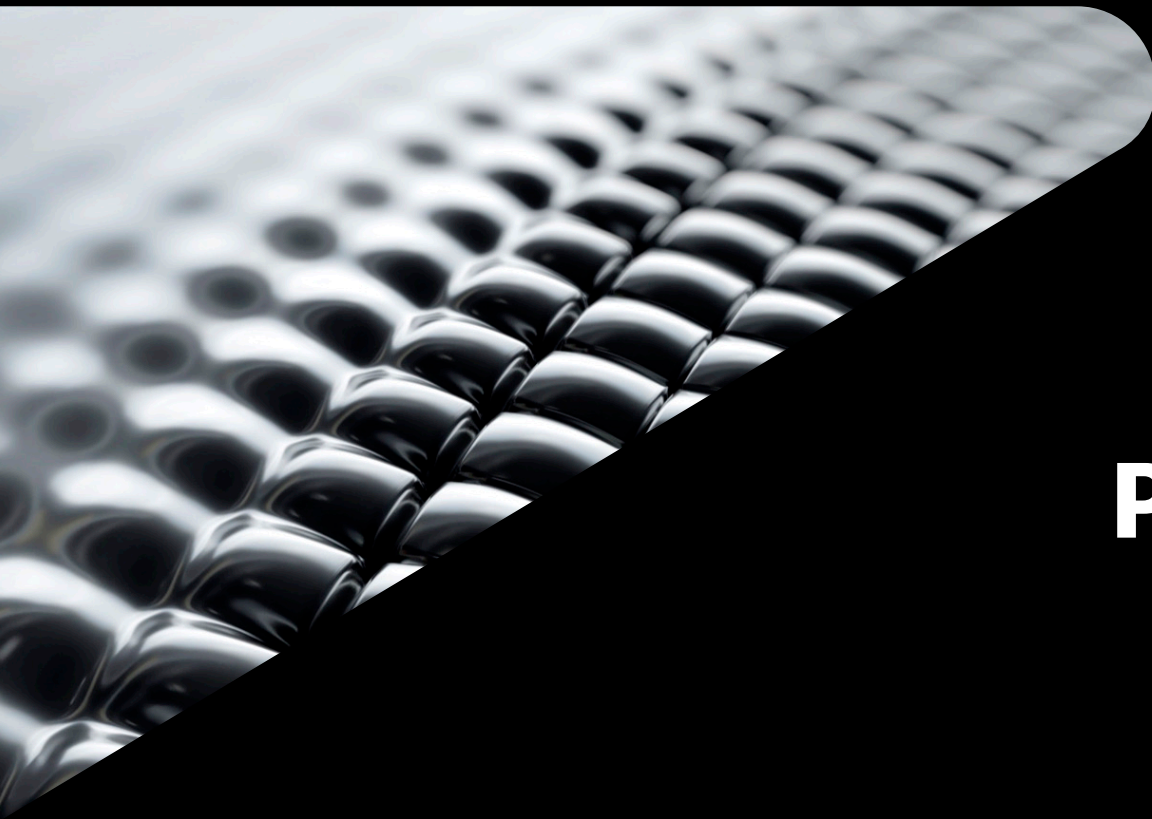


Your Jobs and Tasks

- Sales, Purchasing and Inventory management
- Material Requirements Planning
- Scheduling
- Production and Job Tracking
- Quality and Traceability
- Maintenance Management

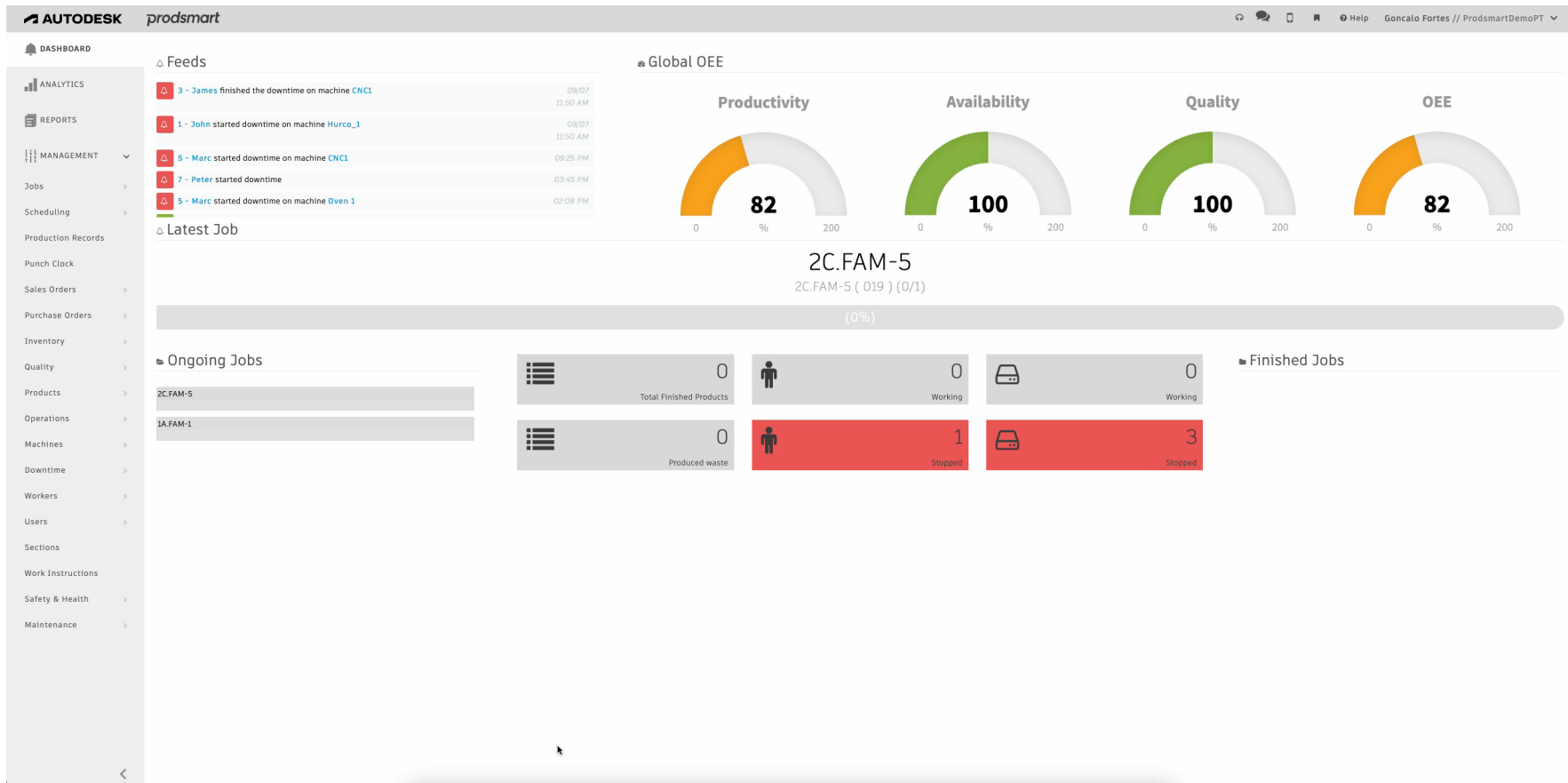
How Prodsmart Helps

- Issue quotes and sales orders, manage material receptions and be on top of raw materials and finished goods inventory
- Supply and Demand Visualizations
- Drag & Drop scheduler that makes capacity planning easy
- Access Real Time Factory Floor Data
- Custom Quality Checklists and Lot Traceability
- Maintenance Scheduling and Overall Equipment Effectiveness Reporting





Product Demo


Intro: two main components





Quoting and Sales Order Management

 **prodsmart**

 DASHBOARD

 ANALYTICS

 REPORTS

 MANAGEMENT

Jobs >

Scheduling >

Production Records

Punch Clock

Sales Orders >

Shippings

Clients

Quotes

Forecasts

Shipping Package Types

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Downtime >

Workers >

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Sections


Work Instructions


Safety & Health >


Maintenance >


Quotes

TABLE FILTERS









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Design Plastics - Sep 6th	3025 (DESIGN PLASTICS)	09/06/2022 - 02:42 PM	Edit
Cormacy Construction Sep 5th	7923 (CORMACI CONSTRUCTION INC)	09/05/2022 - 09:58 PM	Edit
Cormaci Construction Aug 10th	7923 (CORMACI CONSTRUCTION INC)	08/10/2022 - 09:00 AM	Edit
quote autodesk	Customer 1 - Gold (Customer 1 - Gold)	07/22/2021 - 04:15 PM	Edit
Quote Skyframe	APC (American Products Customer)	10/15/2020 - 07:40 PM	Edit
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Air Handler Customer x	Thermal Supply (Tony Smith)	09/03/2020 - 03:11 PM	Edit
Test quote keter judalca	Customer 1 - Gold (Customer 1 - Gold)	06/23/2020 - 04:41 PM	Edit
Procnc quote 1	APC (American Products Customer)	06/11/2020 - 03:36 PM	Edit
qote hegwood	APC (American Products Customer)	05/08/2020 - 08:42 PM	Edit
Flexible customer quote test	Customer 1 - Gold (Customer 1 - Gold)	03/30/2020 - 04:29 PM	Edit
Odyssey quote	Customer 1 - Gold (Customer 1 - Gold)	03/25/2020 - 03:39 PM	Edit
32-2020	Customer 1 - Gold (Customer 1 - Gold)	03/04/2020 - 11:41 PM	Edit
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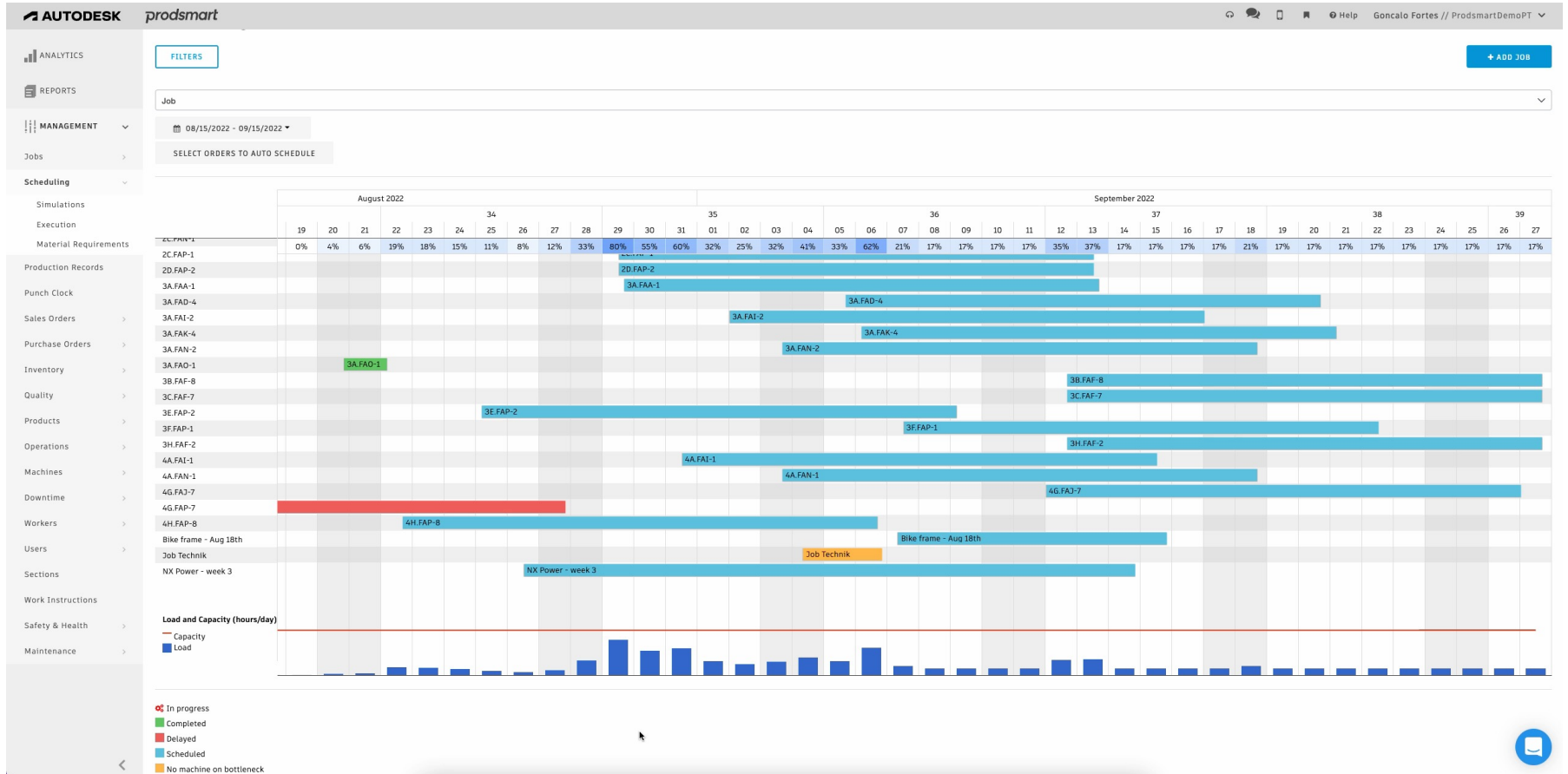
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AUTODESK UNIVERSITY


Scheduling and Material Requirements Planning




Purchasing and Inventory Management

 **prodsmart**

 DASHBOARD

 ANALYTICS

 REPORTS

MANAGEMENT

Jobs

Scheduling

Production Records

Punch Clock

Sales Orders

Purchase Orders

Suppliers

Inventory

Quality

Products

Operations

Machines

Downtime

Workers

Users

Sections

Work Instructions

Safety & Health

Maintenance





Purchase Orders

Open









































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TABLE FILTERS

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+ ADD PURCHASE ORDER

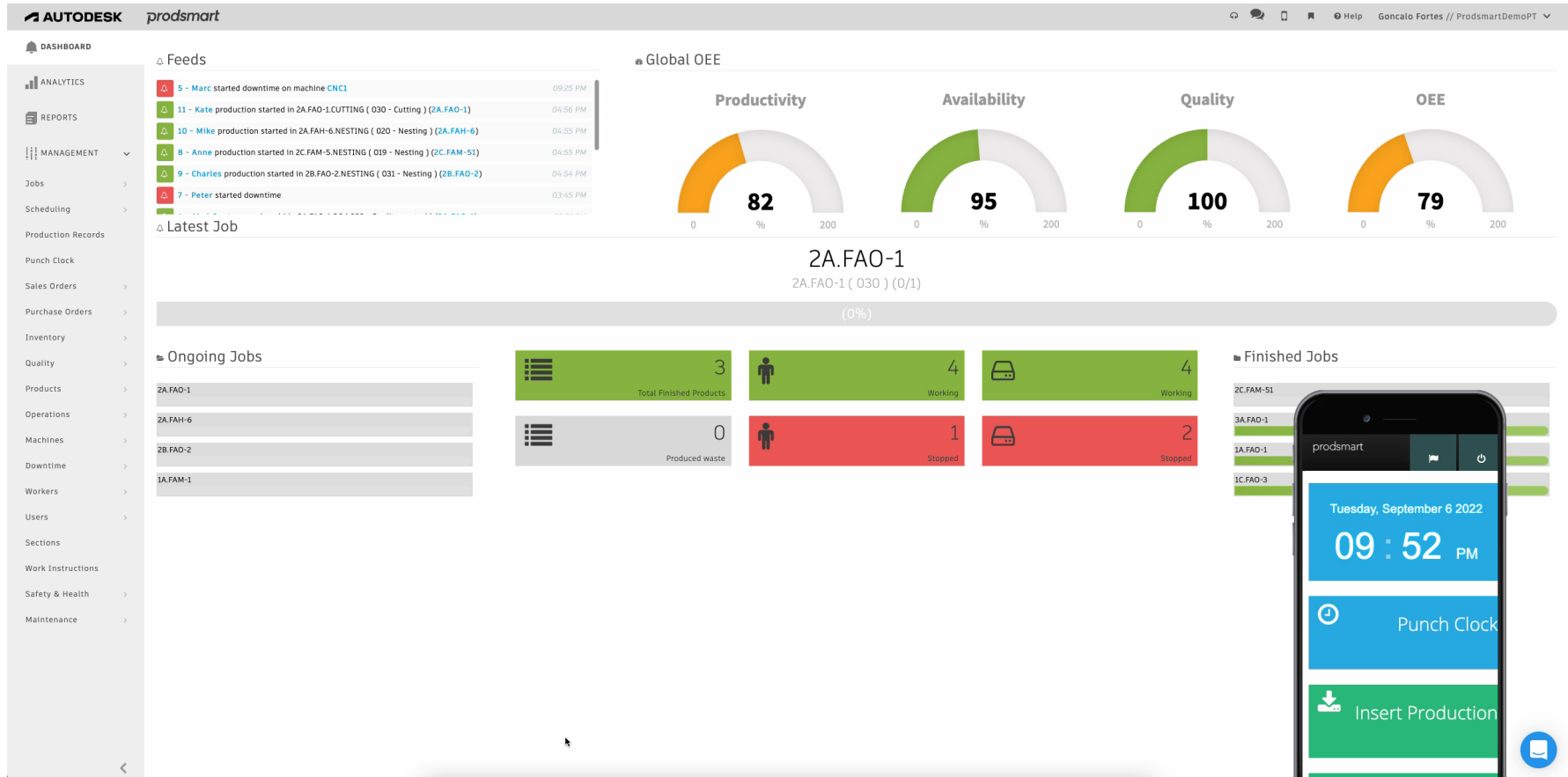
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Job tracking, Quality and Maintenance



Analytics and reports

DASHBOARD Analytics

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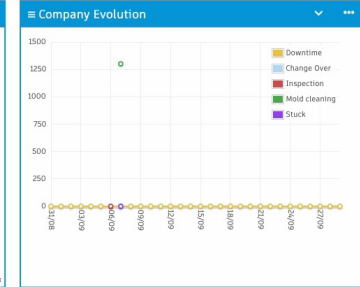
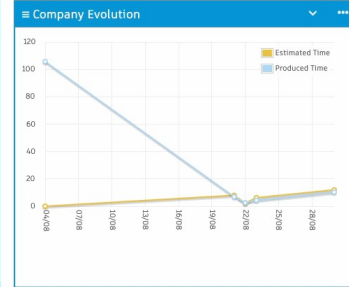
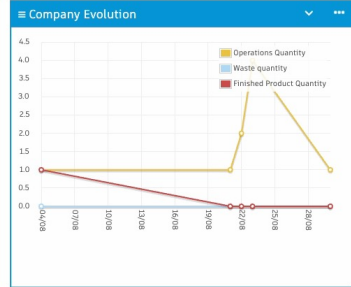
Safety & Health

Maintenance


General

+ New Tab

+ NEW GRAPH





Fusion 360 Integration


TeamSpiker


FusionTeam for Prodsmart

PROCESS



1






All Projects

> Assets

> Default Project

> FusionTeam for Prodsmart

- > SampleFolder
 - 75T-Gear.f3d
 - Utility Knife
 - bike frame
 - cnc 500W Mill v4



bike frame


Item Number	
Lifecycle	
Revision	
State	Working
Change Order	

Design References

USES

USED IN

DRAWINGS



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Related Data

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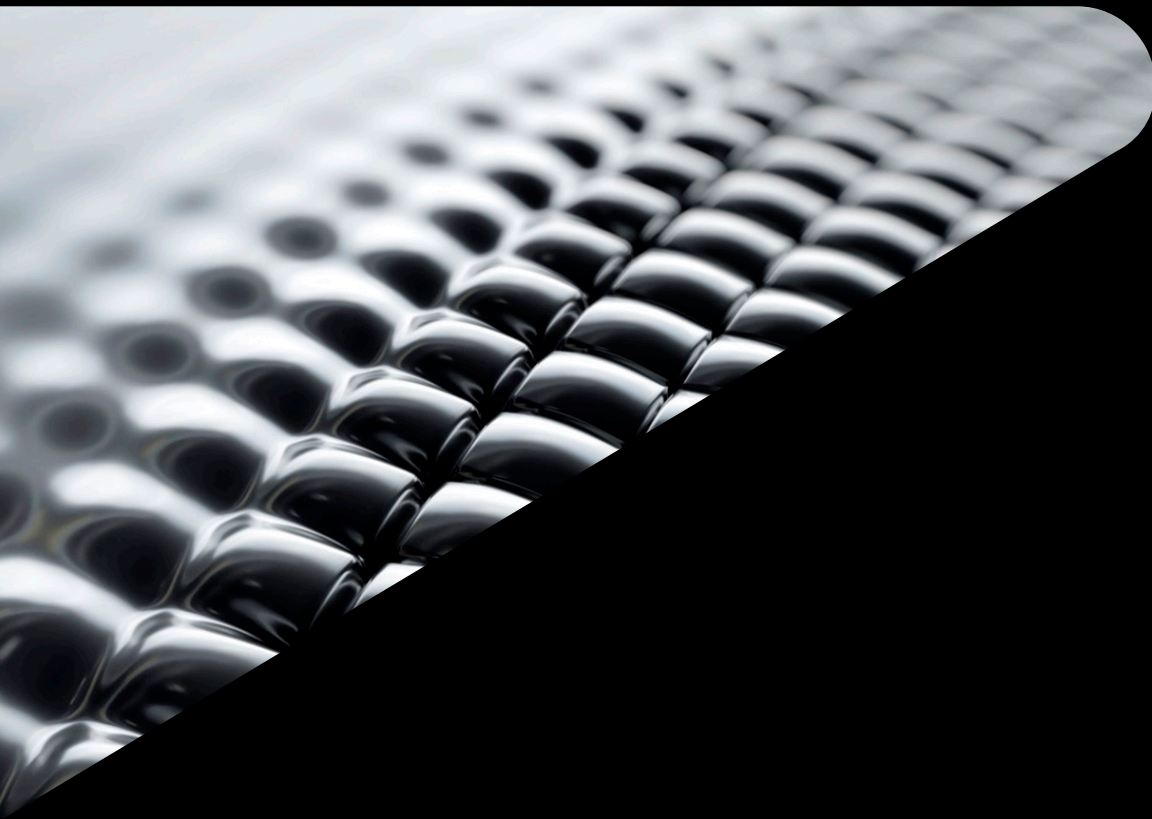
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