

## Unlocking manufacturing productivity with people

**Product deck** 

## Manufacturing is the heart of the global economy

500M

Frontline workers

10M

**Factories** 

16%

of global GDP





Industry 4.0 and Process management tools like MES, SCADA, ERP and other tech help factories





Digitize & automate

Collect & analyze data





Connect everything with IOT

Make smarter decisions







Factories still operate at 50% OEE\* or less



Factories still fail to meet market demands



Factories still produce at inefficient product cost



#### Manufacturing productivity losses:





Machine-related operational inefficiencies



Technological issues



Environmental factors



Successful digital transformation means

transforming people, too.

Otherwise, 500M frontline workers will keep slowing digital transformation:



They work in silos and don't collaborate effectively

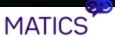


They don't have the required information and knowledge to address their challenges



They are expected to record information manually







MATICS is the Monday<sup>TM</sup> of manufacturing

### that connects

In real-time







## So, are we a modern MES solution?

MATICS incorporates many elements of a modern MES solution, including AI, robust quality control module and strong maintenance management capabilities.

However, MATICS' unique value proposition lies in harnessing these tools to empower people to make informed, real-time decisions.

Complete Connected Factory solution, combining deep machine integration, real-time analytics, and seamless workforce collaboration.

#### MES VS. MATICS

Layer	MES	MATICS	
OEE management	$\checkmark$	$\checkmark$	
Actionable insights	×	$\bigcirc$	
knowledge preservation tools	×	$\checkmark$	
Collaboration tools	×	$\bigcirc$	
Quality and maintenance	$\checkmark$	*Automated	
Automated OpEx routines	×	$\bigcirc$	
Users	Back-Office	Both Back-Office and Frontline	
Price and ROI	Expensive with no clear ROI	Attractive with fast ROI	
Implementation time	1 to 2 years	90 days	



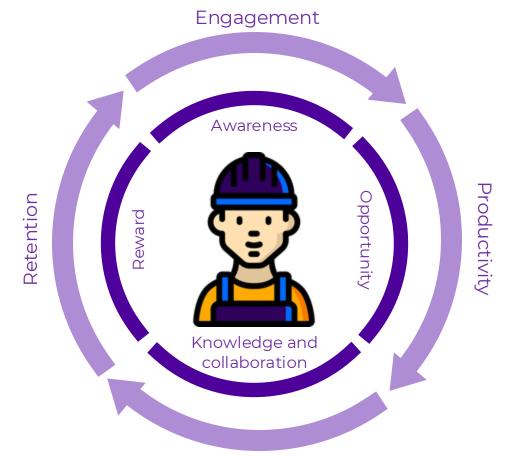
#### Multi Source Aggregation And Analysis

#### **Machines** Optional PLC New Machines Legacy Machines Sensors Environmental sensors Prereferral systems **MATICS** Information system Production context MRP from FRP • MRP • External Files • ERP MES system ISO/IEC 27001:2022



# MATICS puts the Frontline Worker at the Center

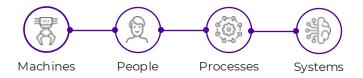
"wrapping" him with everything he needs to become engaged, productive, impactful and remain with the company for many years

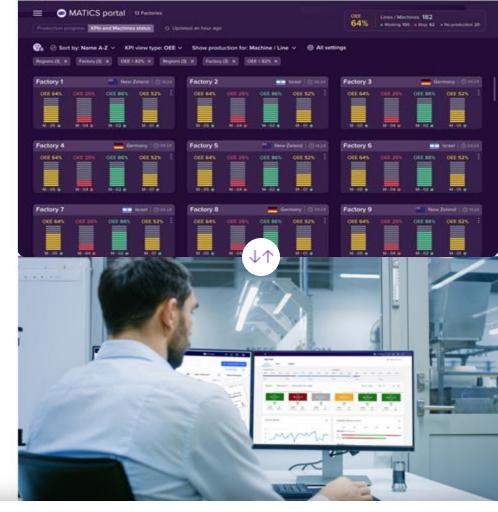


Business Impact



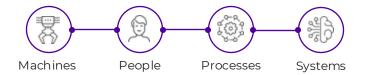
# Operational Excellence Leaders make decisions based on accurate picture

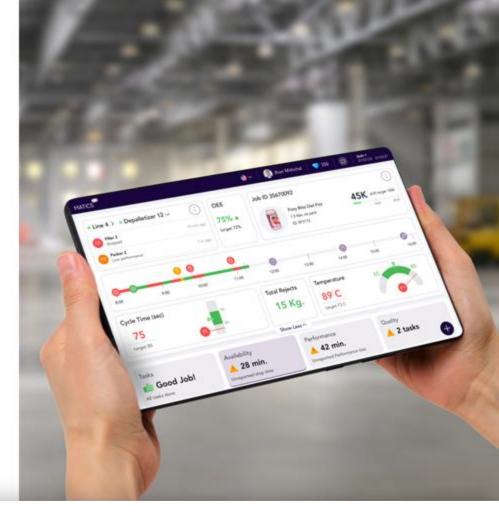






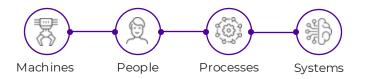
# MATICS' interface drives frontline workers to be the change







#### Managers are Connected Anytime, Anywhere

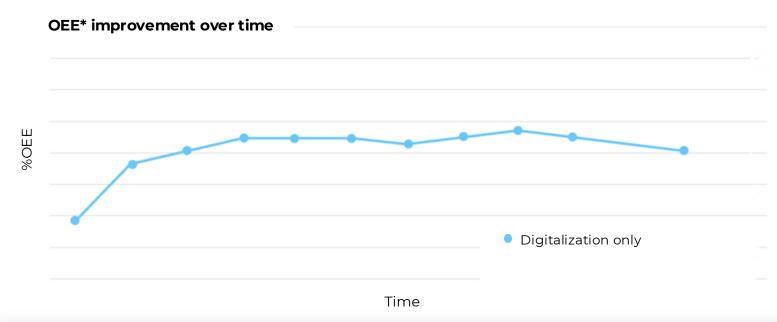






#### MATICS digitalizes the right process

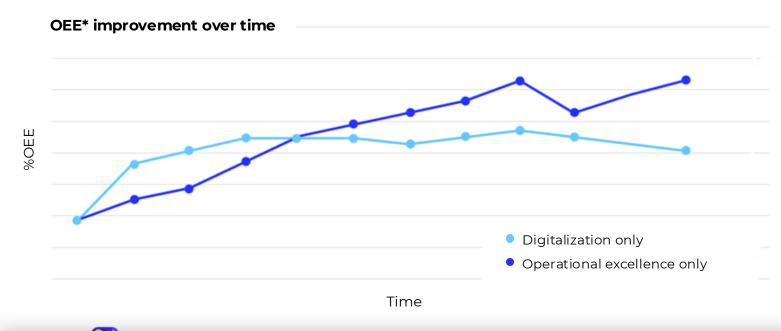
Manufacturers must adopt a holistic approach to digitalize the operational excellence processes while fostering a culture of continuous improvement on the production floor





#### MATICS digitalizes the right process

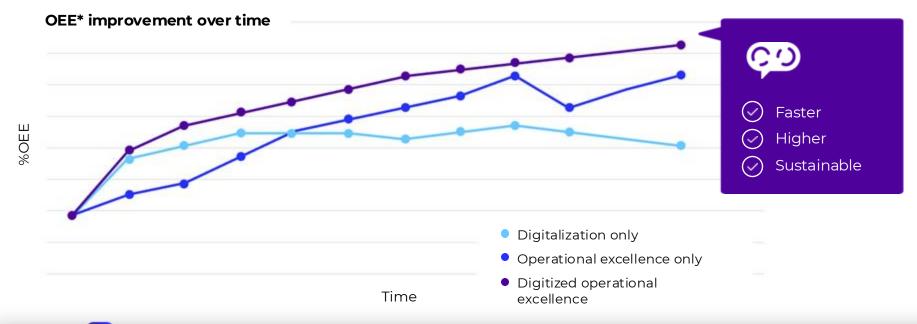
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#### MATICS digitalizes the right process

Manufacturers must adopt a holistic approach to digitalize the operational excellence processes while fostering a culture of continuous improvement on the production floor





#### **OEE losses before MATICS**





#### **30% OEE increase with MATICS**





#### After Implementing MATICS

OEE growth from 50 pts. to 65 pts. within 6 months (based on real customer experience)

Revenues		Without MATICS	6 months after Implementing MATICS	Gap
Product A not meeting market demand	$\rightarrow$	\$25M	\$32.5M	\$7.5M
Product B <b>meeting</b> market demand	$\rightarrow$	\$75M	\$75M	-
Gross margin		35%	40%	
Product A gross profit	$\rightarrow$	\$8.75M	\$13M	\$4.25M
Product B gross profit	$\rightarrow$	\$26.25M	\$30M	\$3.75M
Total impact on profitability	$\rightarrow$			\$8M
OEE	$\rightarrow$	50	65	15 pts. improvement = 30%





#### MATICS is 150 factories strong and counting

Kraft <i>Heinz</i>	PEPSICO sodastream	Nestla Control	<b>⊘</b> TNUVA	CREIF	Arkal
_★_ Heineken	tosca	TETRO LTD MAIT OF STREAM GROUP	Statem Packages, Solutions	Advanced Plastics:sd	Rivulis
<b>Da</b> wn	HARBORO RUBBER	RAVAL	ROBINSON	B BERICAP	TRICO Secret you through.
denroy <sup>®</sup>	Plast Project Quality in irrigation	National <b>=</b> u Gypsum.	⊕ <b>ศเสรร</b> เท	Donaldson.	Because We Always Deliver

Countries

10,000 Unique Users





MATICS was really central to our digital transformation. Their platform has helped our team align on shop floor goals and work by continuous improvement.

We gained a 30% productivity boost following the use of their platform"



N. Rehav

CIO, SodaStream International a Pepsico company



#### **Kraft Heinz**

- 5<sup>th</sup> largest food manufacturer in the world
- \$26.6B in annual revenues
- MATICS is being rolled out and already deployed in 12 out of 78 Kraft Heinz sites







Grow with us toward becoming your digital operations culture builder

### Thank you!