

The EXOR logo is displayed in white, stylized capital letters at the top center of the image. The background is a dark, industrial setting with several robotic arms. One arm on the left is actively welding a metal component, creating a bright light and a spray of sparks. Another arm on the right is holding a cylindrical metal part. The overall atmosphere is one of precision and advanced manufacturing technology.

EXOR

Pas-7833

Digitalization

EXOR helps SMEs grow in a market that requires ever faster response times

Market continues to demand ever faster responses

More rapid product innovation

More customization of product

Faster Component switching

Timely Technical Support

Predictive technical support

Reduced delivery times

Shipment Accuracy and rapid updates

Workforce Management

Shorter Production runs

Rapid production issue resolution

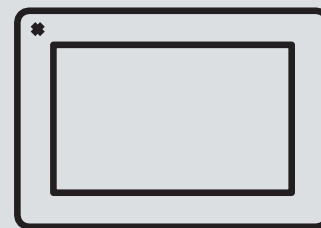
Access to Real time data



Three pillars of Digitalization



Real Time Data



The Data finds you

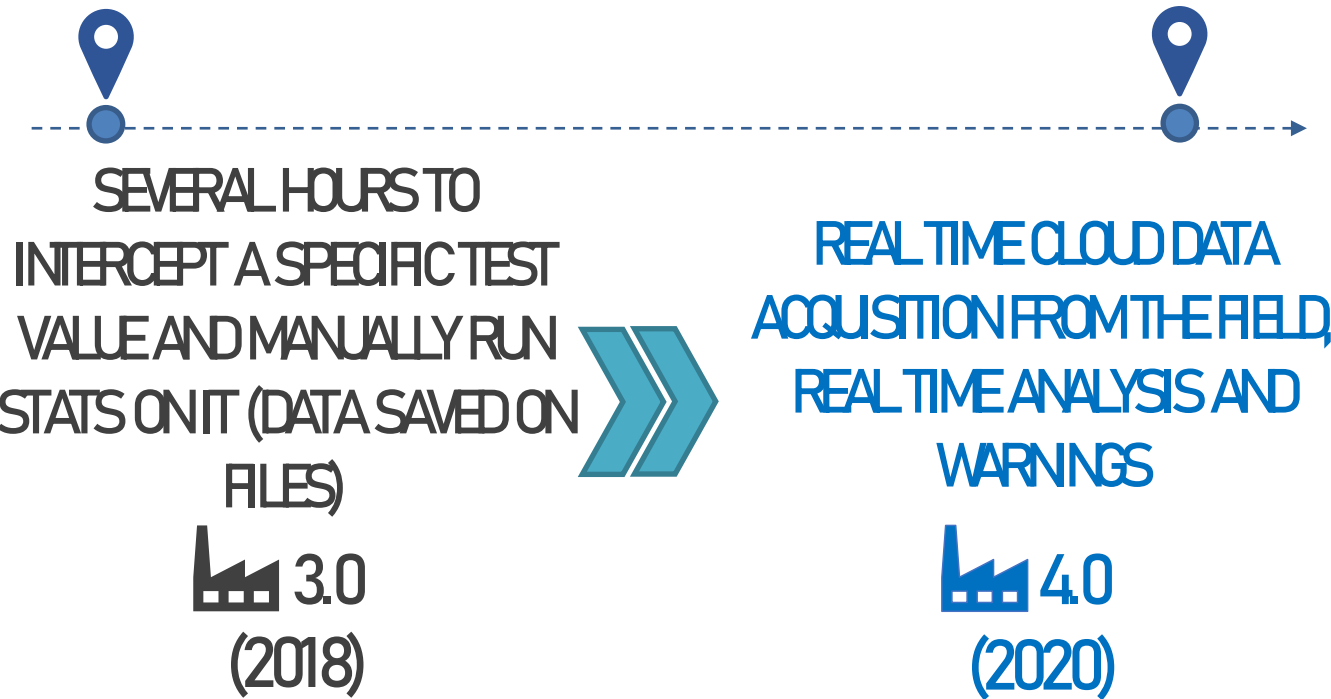


The Conversations
change

ATE TEST

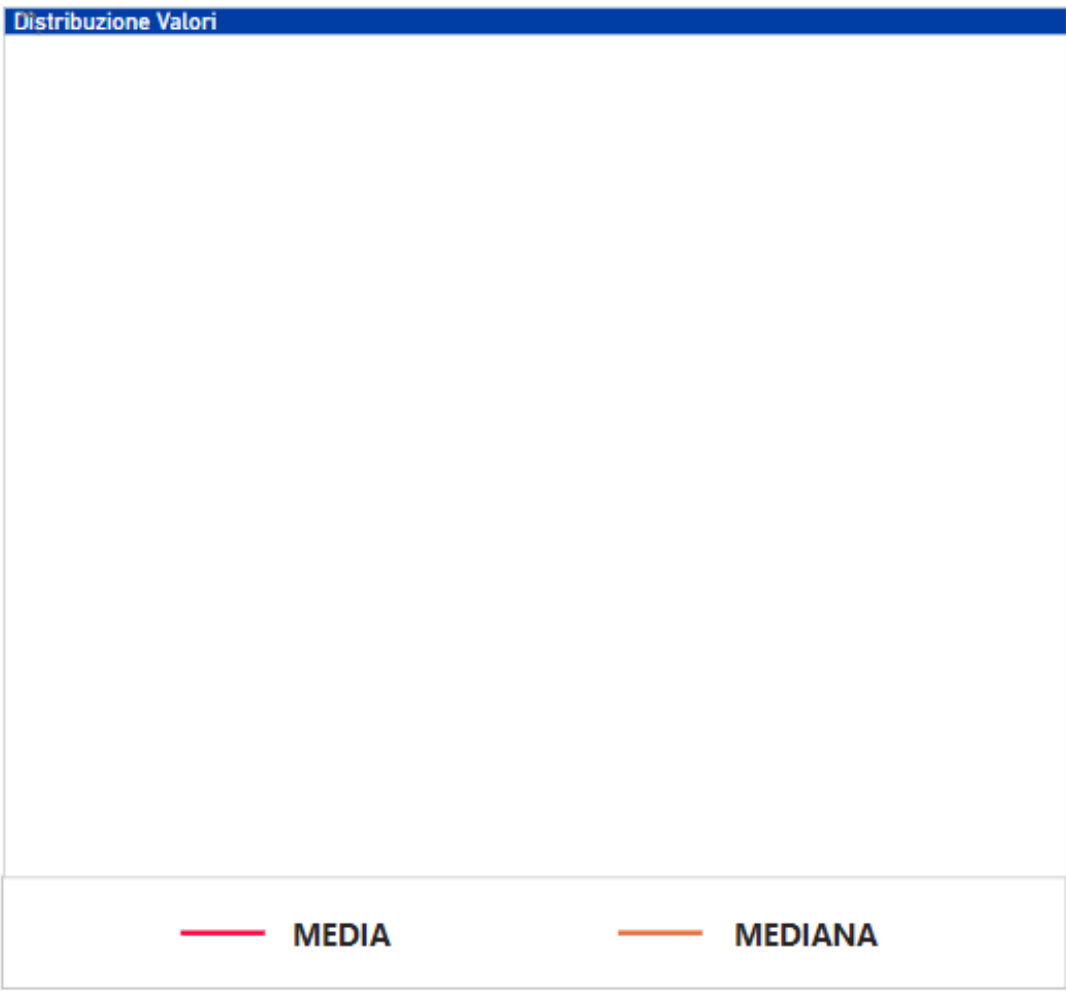
Board ATE test
Analyse quality and
acceptability of the
main fault-risky
components before
moving them into the
production line.

DROP OF FAULTY
COMPONENTS
DURING THE
PRODUCTION
PROCESS FROM
2,5% TO 0.2%



- ☐ 11FB
☐ 11Z4
☐ 13MW
☐ 13MX
☐ 13MY
☐ 13MZ
☐ 13N0
☐ 14Z3
- ☐ +5VS (TP3)
☐ +5VS_IS_1 (TP6)
☐ 3V3_SD (TP20)
☐ Carica Batteria(TP2-TP34)
☐ REF3V3 (TP28)
☐ TP22
☐ TP34
☐ USB0_VBUS (TP18)
☐ USB1_VBUS (TP19)
☐ USB2_VBUS (TP16)
☐ VBB_1 (TP34)
☐ VBB_2 (TP22)
☒ VETH1_VDDIO (TP31)

Dettaglio Valori	
Valori	Freq.
3632	1
3642	1
3645	1
3646	1
3648	2
3650	3
3651	1
3652	4
3653	1
3654	1
3655	1
3656	1
3657	1
3658	3
3659	3
3660	3
3661	3
3662	2
3663	1
3664	3
3665	3
3666	1
3667	4
3668	5
3669	6



Periodo Temporale

12/5/2019 4/12/2021

Fail / Passed

☐ FAIL

☒ PASS

3630

Range - Valore MIN

3840

Range - Valore MAX

3748

Media Valori

26

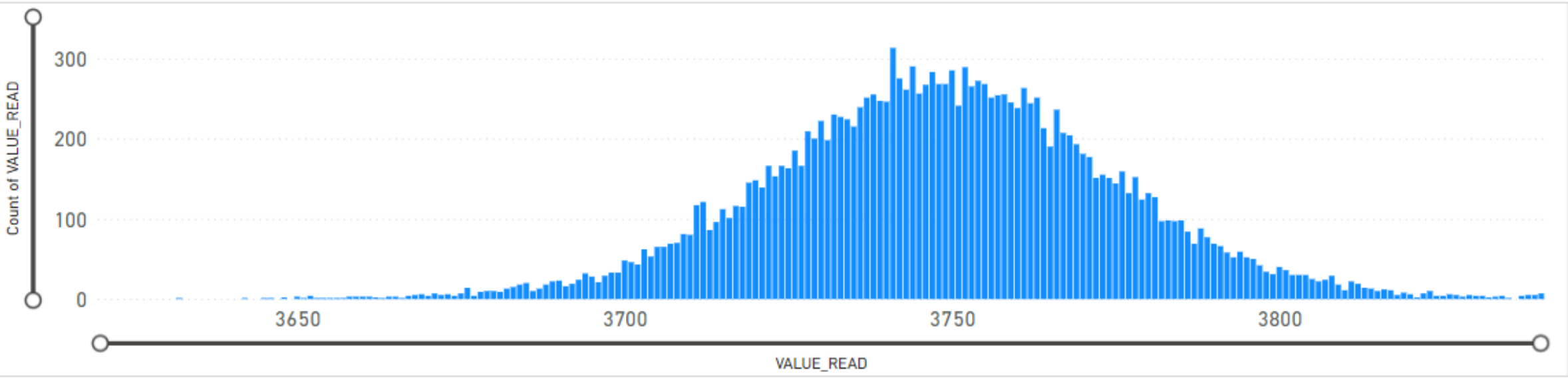
Deviazione Standard

1.3270

Cp

1.1566

Cpk



Cp	Cpk	Difettosità (ppm)
1.00	0.50	66810
1.33	0.83	6210
1.67	1.17	225
2.00	1.50	3

$$C_p = \frac{Voice of Customer}{Voice of Process} = \frac{VOC}{VOP} = \frac{USL - LSL}{6\sigma}$$

$$C_{pk} = Min(\frac{USL - \bar{x}}{3\sigma}, \frac{\bar{x} - LSL}{3\sigma})$$

REAL TIME PRODUCTION PROGRESS

The diagram illustrates the evolution of production data analysis from 2016 to 2020. On the left, a blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA'. Underneath this text is a factory icon followed by '3.0' and '(2016)'. A large blue double arrow points from this section to the right. On the right, another blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE'. Underneath this text is a factory icon followed by '4.0' and '(2020)'.

Real time view of both the Made-To-Stock and Made-To-Order production areas, estimated time of completion including backlog.

**OPERATION
DECISION STEERING
PACE: FROM 1 DAY
ANALYSIS TO 10
MIN KANBAN
MEETING**

CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA

3.0
(2016)

REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE

4.0
(2020)

The diagram illustrates a process flow from left to right. On the left, a red-bordered box contains the text: **OPERATION
DECISION STEERING
PACE: FROM 1 DAY
ANALYSIS TO 10
MIN KANBAN
MEETING**. A blue arrow points from this box to a central area. The central area is divided into two columns. The left column is titled **YESTERDAY'S DATA** and features a black factory icon with the text **3.0 (2016)** below it. The right column is titled **BASED ON PRODUCTION
PERFORMANCE** and features a blue factory icon with the text **4.0 (2020)** below it. A large blue arrow points from the central area towards the right.

The diagram illustrates the evolution of production data analysis from 2016 to 2020. On the left, a blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA'. Underneath this text is a factory icon followed by '3.0' and '(2016)'. A large blue double arrow points from this section to the right. On the right, another blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE'. Underneath this text is a factory icon followed by '4.0' and '(2020)'.

Real time view of both the Made-To-Stock and Made-To-Order production areas, estimated time of completion including backlog.

**OPERATION
DECISION STEERING
PACE: FROM 1 DAY
ANALYSIS TO 10
MIN KANBAN
MEETING**

CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA

3.0
(2016)

REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE

4.0
(2020)

The diagram illustrates the evolution of production data analysis from 2016 to 2020. On the left, a blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA'. Underneath this text is a factory icon followed by '3.0' and '(2016)'. A large blue double arrow points from this section to the right. On the right, another blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE'. Underneath this text is a factory icon followed by '4.0' and '(2020)'.

Real time view of both the Made-To-Stock and Made-To-Order production areas, estimated time of completion including backlog.

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(2016)

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4.0
(2020)

The diagram illustrates the evolution of production data analysis from 2016 to 2020. On the left, a blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA'. Underneath this text is a factory icon followed by '3.0' and '(2016)'. A large blue double arrow points from this section to the right. On the right, another blue location pin icon is positioned above a dashed horizontal line. Below this line, the text reads: 'REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE'. Underneath this text is a factory icon followed by '4.0' and '(2020)'.

Real time view of both the Made-To-Stock and Made-To-Order production areas, estimated time of completion including backlog.

**OPERATION
DECISION STEERING
PACE: FROM 1 DAY
ANALYSIS TO 10
MIN KANBAN
MEETING**

CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA

3.0
(2016)

REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE

4.0
(2020)

The diagram illustrates the evolution of production data consolidation. On the left, a vertical timeline shows a 'Real time view of both the Made-To-Stock and Made-To-Order production areas, estimated time of completion including backlog.' Below this, a red box states: 'OPERATION DECISION STEERING PACE: FROM 1 DAY ANALYSIS TO 10 MIN KANBAN MEETING'. The main part of the diagram shows a horizontal timeline with two points marked by location pins. The first point, labeled 'CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA', is associated with a factory icon and the text '3.0 (2016)'. A large blue double arrow points from this point to the second point. The second point, labeled 'REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE', is associated with a factory icon and the text '4.0 (2020)'.

Real time view of both the Made-To-Stock and Made-To-Order production areas, estimated time of completion including backlog.

OPERATION DECISION STEERING PACE: FROM 1 DAY ANALYSIS TO 10 MIN KANBAN MEETING

CONSOLIDATED AT THE END OF THE WORKING DAY, WHICH MEANS ALWAYS LOOKING AT YESTERDAY'S DATA

3.0
(2016)

REAL TIME DATA AND ESTIMATED DELIVERY TIME BASED ON PRODUCTION PERFORMANCE

4.0
(2020)

OPERATION
DECISION STEERING
PACE: FROM 1 DAY
ANALYSIS TO 10
MIN KANBAN
MEETING

MEANS ALWAYS LOOKING AT
YESTERDAY'S DATA

3.0
(2016)

4.0
(2020)

ESTIMATED DELIVERY TIME
BASED ON PRODUCTION
PERFORMANCE

Operational Menu

ALERT

Real Time Conveyor

MEC Status

MTO Analysis

QR

All

PDM ERROR

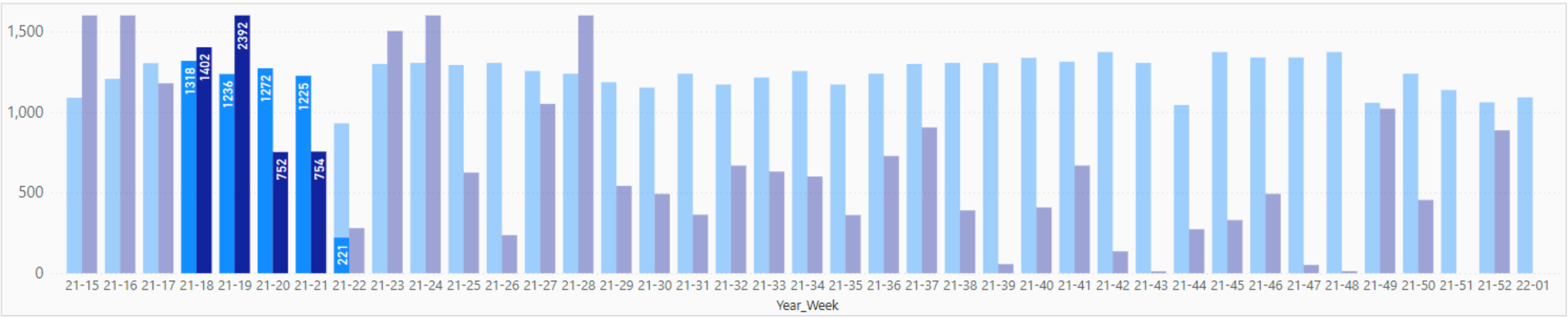
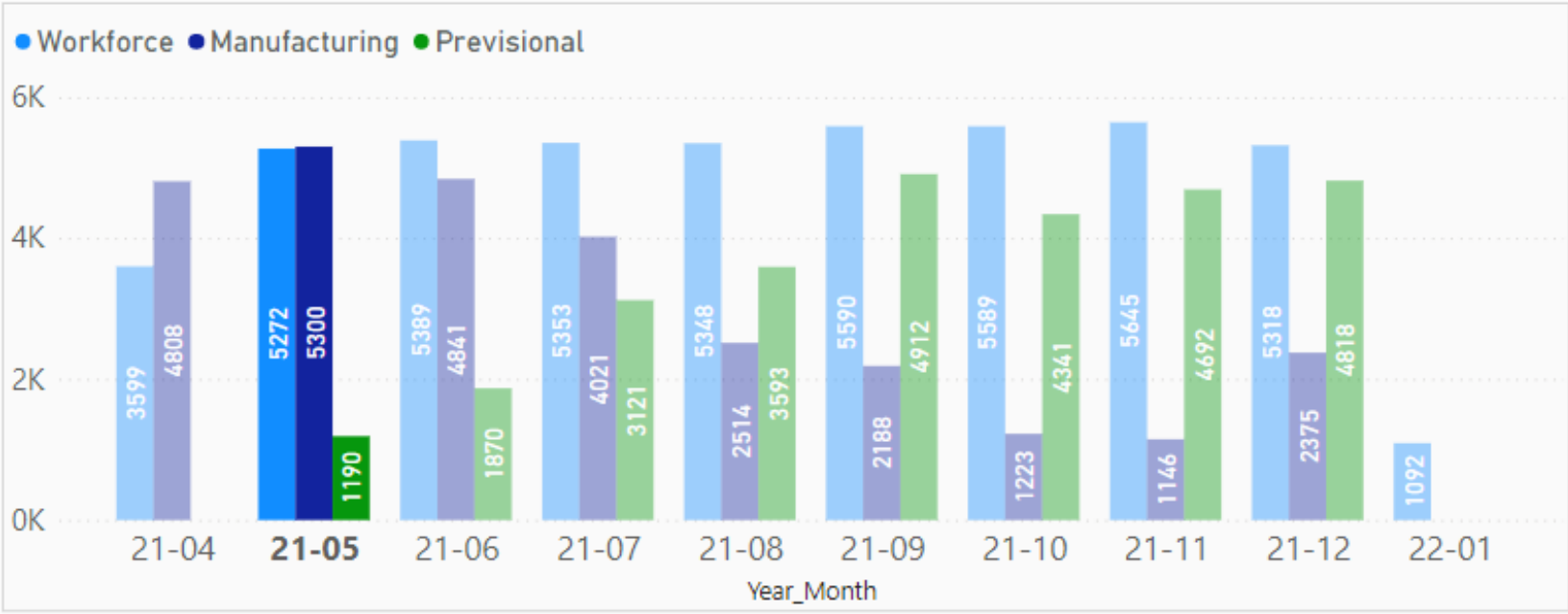
PDM OK

Item ID	Parz ID	Qta	Picking	WIP Final	RHC	Equip	Ship	Ship %	Pick h:mm	Wip h:mm	Equip h:mm	ETA h:mm
A04U301	-PESMA04-007	100	100	63	63	34	20	20%	0:00	3:16	3:04	6:20
07BB1U5P1	-PJS707-001	13	13	13	13	11	10	77%	0:00	0:00	0:08	0:08
A04U301	-PESMA10-002	80	80	80	80	79	72	90%	0:00	0:00	0:02	0:02
00170	+ESMA10U301	80	80	80	80	79	72	90%	0:00	0:00	0:02	0:02
0	C01041	15	15	14	14	14	14	93%	0:00	0:05	0:07	0:12
0	+ETOP507U2P3	15	15	14	14	14	14	93%	0:00	0:05	0:07	0:12
0	C05541	30	0	0	0	0	20	67%	0:00	0:00	0:00	0:00
0	+ESMA04MBY301	30	0	0	0	0	20	67%	0:00	0:00	0:00	0:00
0	C05505	50	50	49	49	49	40	80%	0:00	0:10	0:03	0:13
0	+ESMA107BBP301	50	50	49	49	49	40	80%	0:00	0:10	0:03	0:13
3	C04528	10	10	10	0	0	0	0%	0:00	0:00	0:30	0:30
3	+PLCM05U0P2	10	10	10	0	0	0	0%	0:00	0:00	0:30	0:30
3	C06141	20	20	20	0	0	0	0%	0:00	0:00	1:00	1:00
3	+PLCM01U0P1	20	20	20	0	0	0	0%	0:00	0:00	1:00	1:00
3	C06141	20	20	20	0	0	0	0%	0:00	0:00	1:00	1:00
3	+PLCM04U0P1	20	20	20	0	0	0	0%	0:00	0:00	1:00	1:00
3	C06141	20	20	20	20	20	0	0%	0:00	0:00	0:00	0:00
3	+PLCM09U0P1	20	20	20	20	20	0	0%	0:00	0:00	0:00	0:00
3	C03575	50	15	14	14	13	0	0%	0:28	2:24	4:26	7:18
3	+ETOP507AE5P1	50	15	14	14	13	0	0%	0:28	2:24	4:26	7:18
3	C03575	40	40	40	40	40	36	90%	0:00	0:00	0:00	0:00
3	+EX715AE5P1	40	40	40	40	40	36	90%	0:00	0:00	0:00	0:00
3	C00317	10	10	0	0	0	0	0%	0:00	0:17	0:39	0:56
3	+JSP0U0P1	10	10	0	0	0	0	0%	0:00	0:17	0:39	0:56
3	C00284	35	7	0	0	0	0	0%	0:22	9:55	4:40	14:57
3	+EP10U016	35	7	0	0	0	0	0%	0:22	9:55	4:40	14:57
3	C00284	25	25	0	0	0	0	0%	0:00	2:12	1:10	3:22
3	+ESMA04U301	25	25	0	0	0	0	0%	0:00	2:12	1:10	3:22
3	C00284	50	50	0	0	0	0	0%	0:00	4:25	2:20	6:45
3	+ESMA07MU301	50	50	0	0	0	0	0%	0:00	4:25	2:20	6:45
3	C00284	50	50	0	0	0	0	0%	0:00	8:20	2:30	10:50
3	+ESMA107AK30Y	50	50	0	0	0	0	0%	0:00	8:20	2:30	10:50
3	C00284	25	25	0	0	0	0	0%	0:00	2:32	1:10	3:42
3	+ESMA10U301	25	25	0	0	0	0	0%	0:00	2:32	1:10	3:42
3	C00284	5	5	0	0	0	0	0%	0:00	0:30	0:35	1:05
3	+EX715U5P1	5	5	0	0	0	0	0%	0:00	0:30	0:35	1:05

Production time VS
Man/hour saturation
index.

**PRODUCTION
MANAGER
WORKING HOURS
SAVING ON
PRODUCTION
PLANNING: 50%**

**PRODUCTION
MANAGER
WORKING HOURS
SAVING ON
PRODUCTION
PLANNING: 50%**



Operational Menu

ALERT

Workforce

QR

▼

DOC

▼

Current Month Satur. %

(Blank)

Year/Month

21-05

Saturation Index

100.54%

Customer

Qty to go

+

*****SITEK *(PER FORECAST)*

1662

+

0N3 SRL a socio unico

224

+

ABRIGO SPA

2

+

ACERO SRL

4

+

ACTV SPA

4

Total

11647

Item

Qty to go

+

+70ECC105E3004

2

+

+70ECC105U002

5

+

+70ECC105U004

8

+

+70ECC3600P2MW3

10

+

+70ECC3800E

1

Total

11647

06

PV

Current Month

2188

4912

5589

1223

4341

5645

1146

4692

5318

2375

4818

1092

1-09

21-10

21-11

21-12

22-01

Steps to Digitalization

