



Connected worker platform in brewing

November 2024



Why?

Connecting workers to address critical challenges:



Productivity & Agility

Removng bottlenecks caused by information and knowledge gaps.



World Class Supply Chain

Connecting our people with work processes to accelerate and scale manufacturing excellence.



Automation & Digital Transformation

Accelerating digitization without expensive changes to equipment and processes.



Our People

Attracting, onboarding and engaging future workforce with a modern, digital experience.



Compliance

Making safety, sustainability and quality easier with the right information at the right time.

Connected worker platform

Empower frontline workers to deliver results with connected worker platform.

Digitalisation of processes, procedures and standards.

1

Information in the hands of operators to do jobs safely and efficiently.

2

Shop floor visibility for leaders to make better decisions.

3

Easier knowledge sharing and standardization to drive continuous improvement.

The image displays the Molson Coors Task Manager platform, which includes a web interface and two mobile app interfaces.

Web Interface: The top navigation bar includes links for PROCEDURES, BOARDS, TEAMS, DATA MANAGEMENT, and GUIDES. The main header shows the Molson Coors logo and the title "Task Manager". Below the header, there are filters for "Svi", "8h", and "24h", and a "Datum poslanog" (Sent Date) filter. A table of tasks is displayed with columns: Prioritet, Tijek rada, Problem, Iskaznica, Autor, Predmetna jedinica, Datum poslanog, Podrijetlo, Opis, Status, Datum Doprsetka, Radnja, Akcijski primatelj, Datum dospeljea, Broj SAP obavijesti, and URL. The table contains several rows of task data.

Mobile App Interfaces: Two mobile app screens are shown. The left screen is titled "Predmet prijave L3 - Etiketirka" and displays a "Vrsta defekta" (Defect Type) section with icons for "Izvor za nepravilnost kvalitete" (Quality defect source), "Sigurnosni nedostaci" (Safety defects), "Izostanak osnovnih uvjeta" (Missing basic conditions), and "Manji nedostatak" (Minor defect). The right screen is titled "ZA NAPRAVITI" (To be done) and displays a list of tasks with details such as "Centerline Ispakivač" (Centerline unloading), "CIL L3 Etiketirka - Tjedni" (CIL L3 Labeling - Weekly), and "CIL Planirani zastoj" (CIL Planned stop).

Connected worker platform

Achievements:

- Less paperwork
- Information in the hands of the operators
- Faster employee onboarding
- Increased employee engagement
- Better transparency and tracking
- Easy acces to the detailed statistics
- Increased number of reported defects



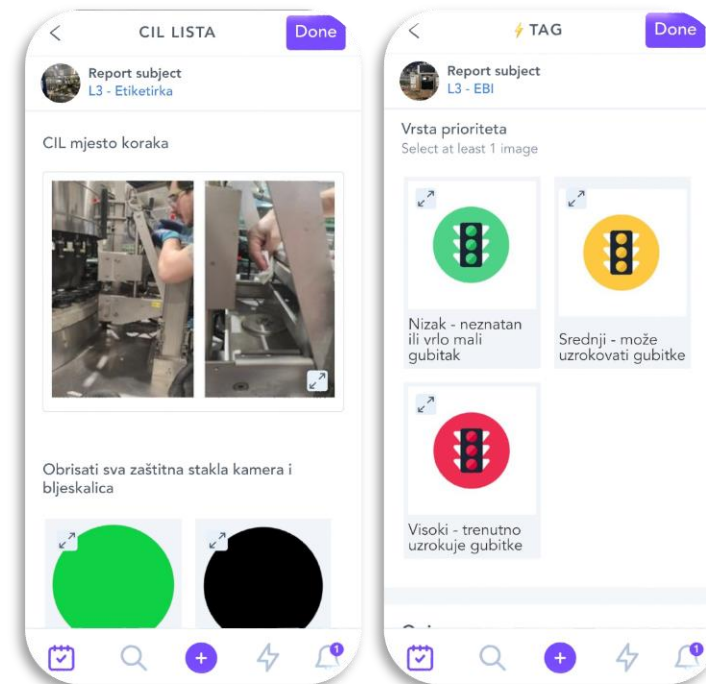
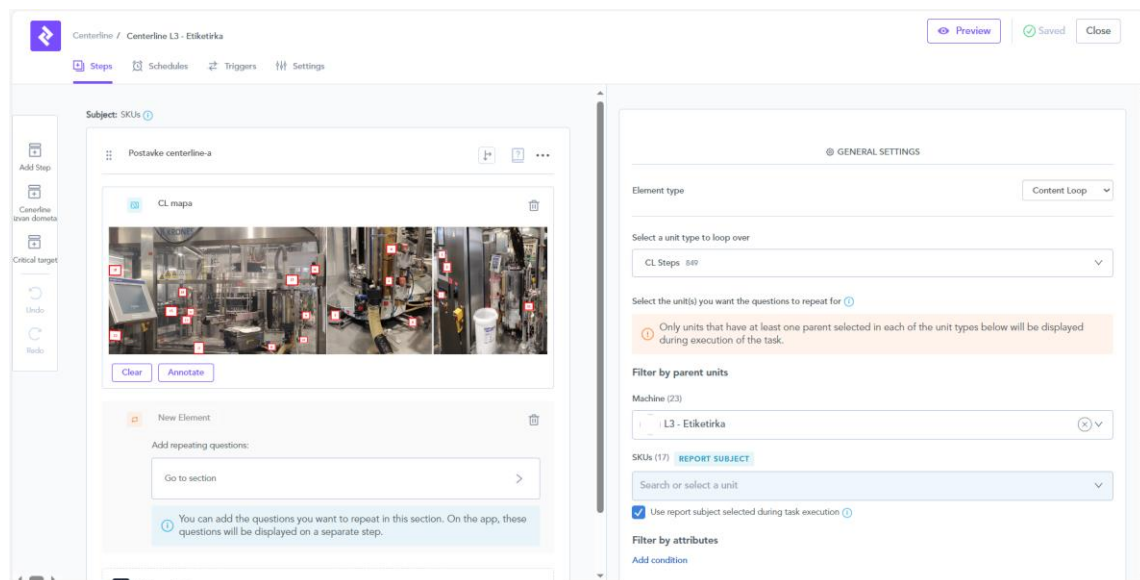
Zaptic applications

Development application

- Procedures
- Boards
- Teams
- Data management


User application

- CIL (Clean, Inspect, Lubricate)
- Centerline (CL)
- Defect rising
- Checklists



Defect handling

More accurate and timely data, faster defect handling, better employee engagement, increased number of reported defects, stoppage reduction



PROCEDURES

BOARDS

TEAMS

DATA MANAGEMENT

GUIDES

Molson Coors Zagreb

MJ

1735

Task Manager

Svi

8h

24h

Otvorene akcije

Datum poslanog

Datum dospijeća

Shift 1

Shift 2

Shift 3

Search

Prioritet

All

Problem

All

Tijek rada

All

Predmetna jedinica

All

Status

All

Autor

All

iskaznica

All

Podrijetlo

All

Akcijski primatelj

All

Prioritet	Tijek rada	Problem	iskaznica	Autor	Predmetna jedinica	Datum poslanog	Podrijetlo	Opis	Status	Datum Dovršetka	Radnja	Akcijski primatelj	Datum dospijeća	Broj SAP obavijesti	URL
	Prijava defekta	Sigurnosni nedostaci	22412	Damir Kudić	KEG - Punjač bačava	02 October 2024 14:04		Na punjaču linija 1 glava 3 na cijevi ulazu tekućine u glavu curi tekućina na spoju cijevi u glavu. Potrebno zavariti	Na čekanju		Potrebna mi je dodatna podrška	Damir Kudić	03 October 2024	20015190	
	Prijava defekta	Manji nedostatak	22408	Danijel	PET - Punjač boca	02 October 2024 11:37		Puknuta manžeta na glavi čepilice	Zatvoren	02 October 2024 11:39	Nije mi potrebna dodatna podrška - mogu popraviti samostalno	Danijel	02 October 2024		
	Prijava defekta	Sigurnosni nedostaci	22405	Vanja Kegljjevic	L2 - Paletizator	02 October 2024 09:48		Poklopac kanala popigan, opasnost od pada i ozlijeđe	Otvoren		Potrebna mi je dodatna podrška	Vanja Kegljjevic	02 October 2024		
	Prijava defekta	Manji nedostatak	22402	Vanja Kegljjevic	L2 - Depaletizer	02 October 2024 09:36	L2 CIL	4 dizne neispravne na stolu depala	Otvoren		Potrebna mi je dodatna podrška	Vanja Kegljjevic	02 October 2024		
	Prijava defekta	Izvor za nepravilnost kvalitete	22387	LUKA METIĆ	Bufertank 2 (BT2)	02 October 2024 03:39		Ventil kanal BT-2 kod otvaranja odlazi u alarm i ostaje zatvoren, oko njega se čuje propuštanjem zraka.	Zatvoren	10 October 2024 05:50	Potrebna mi je dodatna podrška	LUKA METIĆ	02 October 2024		
	Prijava defekta	Izostanak osnovnih uvjeta	22337	Dragutin Vukina	CAN - Paletizer	01 October 2024 08:42		Puklo crijevo zraka za centriranje zadnje daske. Ubacena spojnica.	Zatvoren	01 October 2024 08:46	Nije mi potrebna dodatna podrška - mogu popraviti samostalno	Dragutin Vukina	01 October 2024		
	Prijava defekta	Izostanak osnovnih uvjeta	22295	STIPICA MANJEROVIĆ	CAN - Punjač	30 September 2024 13:42		Automatsko šamponiranje punjača, čepilice dojavljuju kvar na ventilu Q 386 - kontaktirati Krešu iz Ecolaba da ga pregleda	Otvoren		Potrebna mi je dodatna podrška	STIPICA MANJEROVIĆ	30 September 2024		
	Prijava defekta	Izostanak osnovnih uvjeta	22294	STIPICA MANJEROVIĆ	CAN - Punjač	30 September 2024 13:36		Parovod - punjač stoji	Otvoren		Potrebna mi je dodatna podrška	STIPICA MANJEROVIĆ	30 September 2024		

Defect handling



PROCEDURES

BOARDS

TEAMS

DATA MANAGEMENT

GUIDES

Molson Coors Zagreb



MJ

616



Task Manager

Svi

8h

24h

Otvorene akcije

Datum poslanog

6/1/2024

10/11/2024

Datum dospijeća

3/6/2023

10/16/2024

Shift 1

Shift 2

Shift 3

Search

Prioritet

All

Problem

All

Tijek rada

All

Predmetna jedinica

All

Status

All

Autor

All

Iskaznica

All

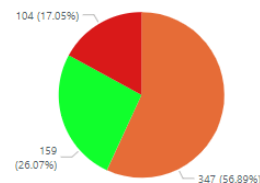
Podrijetlo

All

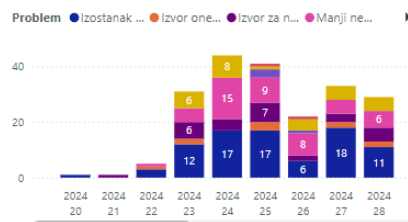
Akcijski primatelj

All

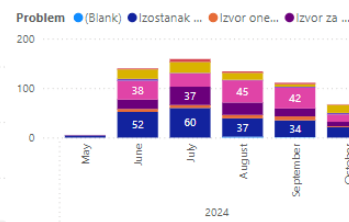
Broj izvještaja prema prioritetu



Broj izvještaja prema tjednu



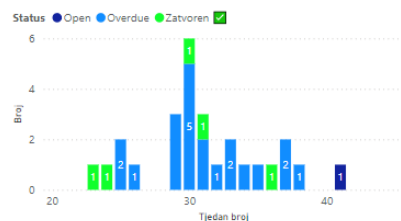
Broj izvještaja po mjesecu



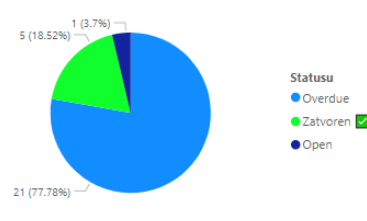
Broj izvještaja po izdanju



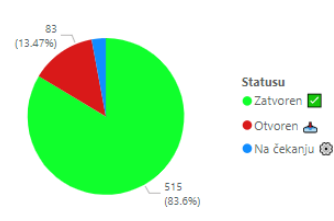
Broj radnji po tjednu



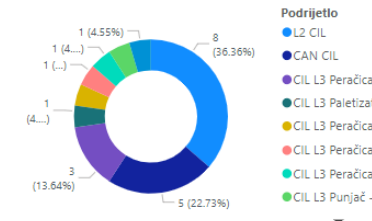
Broj radnji prema statusu



Izveštaji po statusu

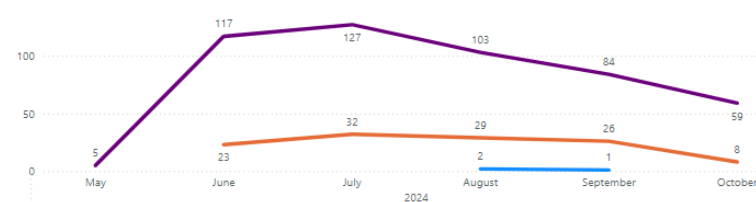


Izvešća porijekla

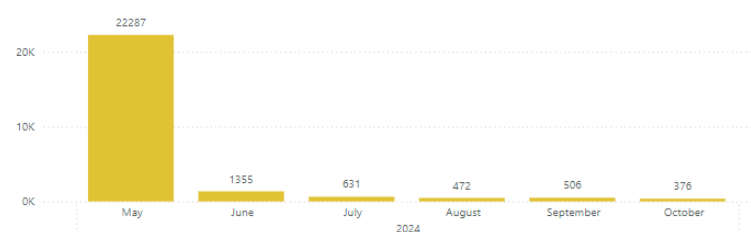


Oštećenja autonomno zatvorena prema eskalaciji

Potrebna pomoć? (Blank) Nije mi potrebna dodatna podrška - mogu popraviti samostalno Potrebna mi je dodatna podrška



Prosječna duljina oštećenja (min)



Centerline

Less paperwork, better transparency and tracking, video/photo attachments, easier and faster training of the new employees

L2 CENTERLINE

Gotovo

Predmet prijave

L2 - Punjač

Odaberite ili skenirajte RGB SKU proizvod kako biste filtrirali jedinice o kojima ćete odgovarati na pitanja

Ožujsko 0,5 l

×

✓

☐ Ne filtrirajte jedinice

CL mapa punjača

CL mapa punjača

PROCEDURES

BOARDS

TEAMS

DATA MANAGEMENT

GUIDES

NEW

Centerlining

Working day set to -28th of April is from 6am on 28th, till 6am on 29th April and so on.

Mašina

Centerline

U dometu

Autor

Datum dospijanja

Last

37

Days

10/1/2023

- 11/6/2023

Shift 1

Shift 2

Shift 3

Završetak završetka

100.00%

Usklađenost od strane stroja

Tijek rada	Usklađenost %	U dometu	izvan dometa
EBI	100.00%	306	
Ispakivač	100.00%	244	
Perač boca 1.kat	100.00%	16	
Upakivač	100.00%	378	
Perač boca 2.kat	99.55%	446	2
Etiketirka	99.27%	1634	12
Punjač	97.62%	1394	34
Total	98.93%	4418	48

Izveštaj o odstupanju parametara izvan granica

ID	AUTOR	DATA	URL
21955	Luka	25 September 2024 06:22	🔗
21222	Luka	12 September 2024 02:35	🔗
21018	Tomo Kasnar	10 September 2024 05:18	🔗
19944	Vedran Šplajt	27 August 2024 22:17	🔗
18744	Vedran Šplajt	15 August 2024 15:44	🔗
18626	Vedran Šplajt	14 August 2024 19:50	🔗
18587	Vedran Šplajt	14 August 2024 13:03	🔗
17637	Vedran Šplajt	02 August 2024 07:23	🔗
17009	Luka	26 July 2024 09:10	🔗
16897	Vedran Šplajt	25 July 2024 05:21	🔗
16802	Vedran Šplajt	24 July 2024 05:24	🔗

Najčešći izvan središnje linije dometa

2 (4.17%)

12 (25%)

34 (70.83%)

Tijek rada

Punjač

Etiketirka

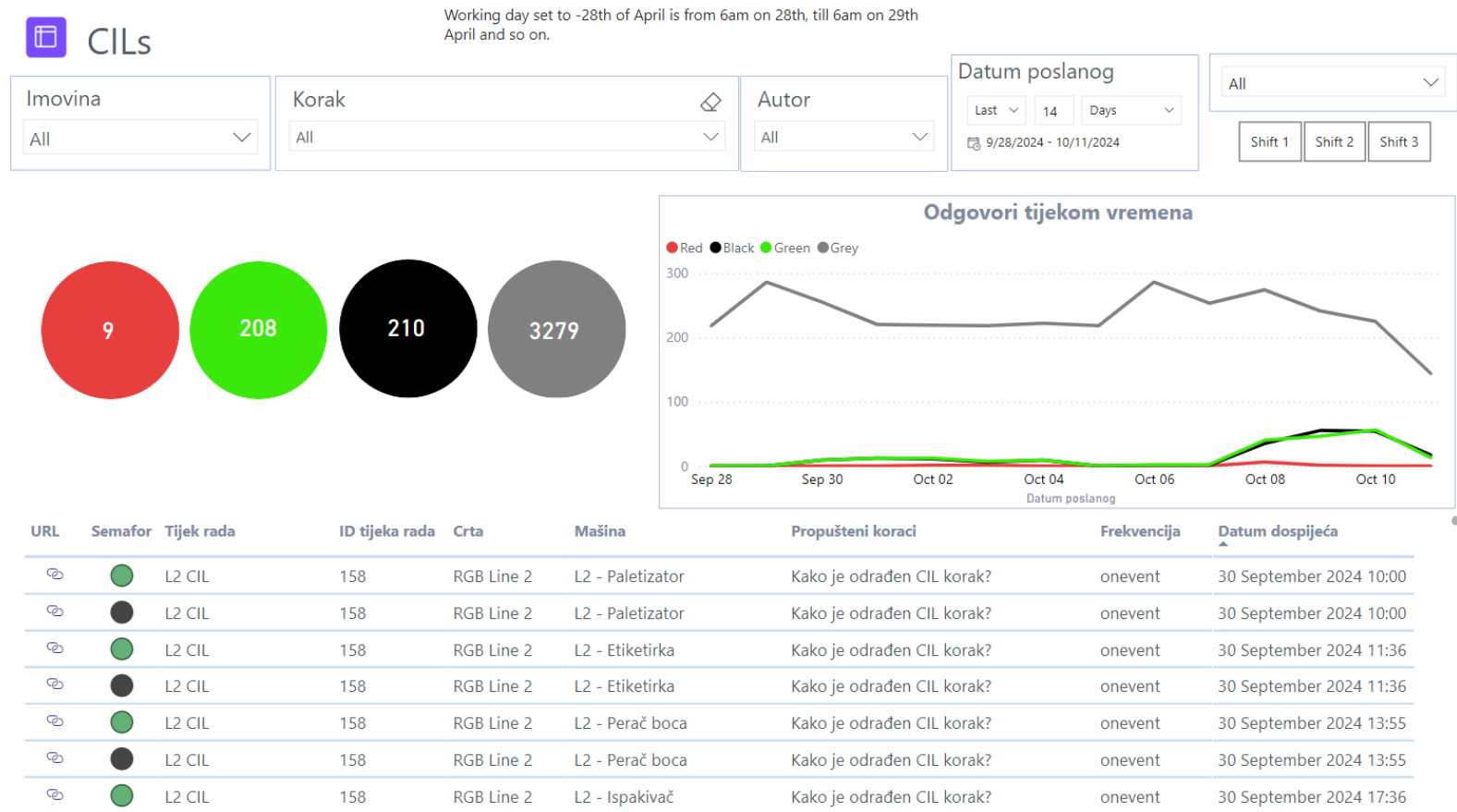
Perač boca 2.kat

MOLSON Coors

8

CIL

Better and faster control over assigned and completed tasks, easy acces to the detailed compliance statistics



Check lists digitalization

KONTROLNA LISTA		Kontrolna lista za upis izbačaja inspektora praznih boca linije 2		ZAG	
Rev. br.	3	Datum objave	1.7.2020	ZAG	
DATUM: 16.8.23	SMJENA: 1 ② 3	DNO	323	KOM	0.15
PROIZVODNJA VRSTA - UKUPNO	154 030	GRUČ BOCE	634	KOM	0.22
PROIZVODNJA ISPRAVNIH PROIZVODA	251 736	ZID 1	539	KOM	0.21
IZDAJANJE	2244	ZID 2	166	KOM	0.18
KONTEJNER ULAZNA SEKCIJA	263	STUJENKA 3	534	KOM	0.25
TRAKA ZA NEČISTOĆU	1347	STUJENKA 4	144	KOM	0.29
POTPIS OPERATERA	Almad	OBRIS	263	KOM	0.1
		SM-K 1	176	KOM	0.05
		REŠ.	85	KOM	0.03
		RF-LUŽINA	31	KOM	0.01
		IC-ULJE	61	KOM	0.02
		IC-REZIDUALNA TEKUĆINA	55	KOM	0.02
		ZATVARAČ-GRUČ POSUDE	26	KOM	0.01
		BOJA POSUDE	103	KOM	0.04
		ISTROŠENOST	35	KOM	0.01
		LEŽEA POSUDA	5	KOM	0
		POKUŠNA POSUDA	21	KOM	0.01
		PREVISOKO	124	KOM	0.05
DATUM: 17.08.23	SMJENA: 1 2 ③	DNO	323	KOM	0.15
PROIZVODNJA VRSTA - UKUPNO	312475	GRUČ BOCE	634	KOM	0.22
PROIZVODNJA ISPRAVNIH PROIZVODA	308999	ZID 1	539	KOM	0.21
IZDAJANJE	3476	ZID 2	242	KOM	0.15
KONTEJNER ULAZNA SEKCIJA	546	STUJENKA 3	322	KOM	0.19
TRAKA ZA NEČISTOĆU	2012	STUJENKA 4	167	KOM	0.38
POTPIS OPERATERA	Iskender	OBRIS	566	KOM	0.17
		SM-K 1	270	KOM	0.04
		REŠ.	217	KOM	0.03
		RF-LUŽINA	705	KOM	0.07
		IC-ULJE	167	KOM	0.05
		IC-REZIDUALNA TEKUĆINA	61	KOM	0.02
		ZATVARAČ-GRUČ POSUDE	26	KOM	0.01
		BOJA POSUDE	242	KOM	0.04
		ISTROŠENOST	82	KOM	0.03
		LEŽEA POSUDA	23	KOM	0.01
		POKUŠNA POSUDA	15	KOM	0.02
		PREVISOKO	286	KOM	0.08
DATUM: 17.8.23	SMJENA: 0 2 3	DNO	337	KOM	0.12
PROIZVODNJA VRSTA - UKUPNO	273156	GRUČ BOCE	745	KOM	0.22
PROIZVODNJA ISPRAVNIH PROIZVODA	270808	ZID 1	585	KOM	0.21
IZDAJANJE	2348	ZID 2	456	KOM	0.17
KONTEJNER ULAZNA SEKCIJA	302	STUJENKA 3	555	KOM	0.20
TRAKA ZA NEČISTOĆU	1212	STUJENKA 4	672	KOM	0.25
POTPIS OPERATERA	Sp	OBRIS	100	KOM	0.11
		SM-K 1	160	KOM	0.06
		REŠ.	132	KOM	0.05
		RF-LUŽINA	70	KOM	0.04
		IC-ULJE	46	KOM	0.02
		IC-REZIDUALNA TEKUĆINA	62	KOM	0.02
		ZATVARAČ-GRUČ POSUDE	26	KOM	0.01
		BOJA POSUDE	152	KOM	0.06
		ISTROŠENOST	39	KOM	0.01
		LEŽEA POSUDA	17	KOM	0.02
		POKUŠNA POSUDA	23	KOM	0.01
		PREVISOKO	131	KOM	0.05



EBI - STATISTIKA BR... Done

Report subject
Ožujsko 0.33

Datum i smjena

Datum
03. 11. 2023.

Smjena

EBI 1 - INSPEKCIJA OBRISA (Unos podataka s digitalnog panela)

Obradeni spremnici

Izdvojeni spremnici

EBI -2 (Unos podataka s digitalnog panela)

Obradeni spremnici

Izdvojeni spremnici

EBI-2 Dodavanje slike statistike brojača

Sabirni brojač - Statistika brojača

Photo Video Gallery

Inspekcija bočnih zidova

Photo Video Gallery

Rezidualna tekućina

Photo Video Gallery

Checklist Search Add Lightning Bell

Operators - feedback

„The biggest benefit of the Connected worker platform is the reduction of paperwork and faster communication with managers. The younger population of operators adapted to using the app very quickly, while the older population took some time.”

Tomica Grgečić, Packaging Team Leader



„After Connected worker platform implementation all irregularities, defects and breakdowns are solved faster than before, and another benefit is that we can check the status of the submitted reports at any time.”

Vanja Kegljević, Packaging Technician Operator II

Leaders - feedback

"The Zaptic system greatly facilitated the process of monitoring reported defects. I don't have to collect lists of machines every morning and write defects in the excel table. By adding pictures, it is much easier to immediately recognize what is the defect. Statistics are updated automatically, which is an additional advantage."

Ivan Iveković, Packaging Maintenance Lead



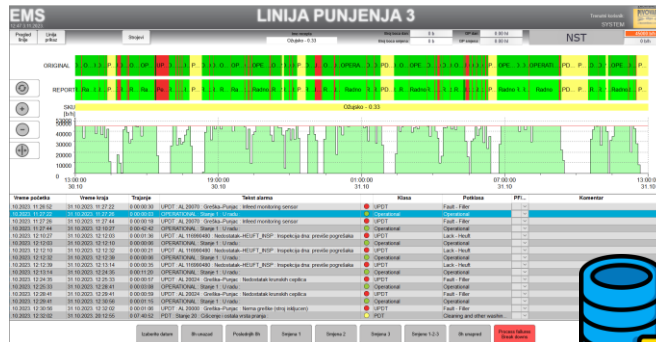
"With Zaptic digitization, we have simplified and facilitated everyday operations, accelerated processes and increased employee engagement."

Kruno Đorđević, Packaging and maintenance manager



What's next?

EMS



Connected worker platform



DIGITAL DDS BOARD



Power BI



THANK YOU !

