#### STABILIS<sup>®</sup>



STABILIS<sup>®</sup>MES Intelligent production optimization



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Most production plants include:

- the need to optimize production processes,
- significant room for improvement, incl. thanks to industry 4.0 tools.

STABILIS<sup>®</sup>MES is an industry 4.0 solution that allows you to reduce waste, reduce production costs by improving OEE and OLE indicators and increasing efficiency. Improvement is an ongoing process.

The STABILIS®MES technology allows you to quickly and safely change a running application and add functionalities that were not foreseen at the time of its creation. Kaizen is the DNA of our solution and our software development philosophy.

The applications we create are primarily used to actively optimize business processes, hence the natural path of using our technology is the implementation of AI, machine learning and data science mechanisms. The effectiveness of the STABILIS® MES solution has been proven by demanding entrepreneurs.

#### Savings with STABILIS®MES

## STABILIS ®



#### **Intelligent optimization**

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100% customized to the factory needs

The possibility of continuous improvement and development of the application - Kaizen in practice

System development towards AI

#### Low-code platform

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A program section in the form of a graph describing the behaviour of a view.

- Easy to adapt to individual needs
- Graph programming
- Building apps as easy as building with Lego bricks
- Easy and quick development of functionalities

#### Access to real data

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Registration of the working time of personnel and machines



Detection and registration of downtime, microdowntime and malfunctions



Real-time remote production monitoring and event logging



Registration of information on the quality of production and quantity of waste



Registration of production process parameters



Advanced data analysis and reporting

#### Integration

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#### Traceability

- Product history traceability
- Verification of suppliers [quality]
- Improving the quality of production
- Security of compliance with standards and norms
- Reducing the risk associated with complaints

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#### Access to objective data enabling precise margin determination

- Registration of the working time of personnel and machines
- Registration of information on the quality of production and quantity of waste
- Detection and registration of downtime, micro-downtime and malfunctions
- Analysis of the impact of production parameters on quality

and efficiency

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Establishing production standards, their monitoring and improvement

- Possibility of continuous improvement of production processes
- Effective personnel management

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#### **Facilities**

- Configure the interface as needed (line, machine group, department)
- Facilitation for managers, foremen and UR services
- Relieving operators from unnecessary activities
- Identification of hidden difficulties and bottlenecks
- Elimination of paper circulation

#### Analysis and reporting

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Module Business Intelligence

- Remote monitoring of production in real time (www)
- Make decisions based on real-time data
- Long-term reports, trend presentations
- Reports tailored to the positions and needs of recipients

### **Real-time monitoring**

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#### **Real-time monitoring**

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	OEE [%]		Aktualna Poprzednia   Kybierz zmianę >				
	47.9						
Dostępność [%]		Jakość [%]		wydajność [%]			
50	.29%	97.92%	9	7.38%			
		Wydajność					
Pozycja magazynowa	Opis pozycji	Wydajność normatywna [m/h]	Wydajność [m/h]	Wydajność [%]			
1003869	płyta DP GEKO EK098		2625.00	2364.55 90.08%			
1018973	płyta DP GEKO EK146		2875.00	2707.29 94.17%			
1004707	płyta DP AMIL EK023		3000.00	2896.18 96.54%			
1002760	płyta DP AMIL EK080		2750.00	2887.28 104.99%			
1013791	-		1	2/3/./9 -			
		Wady i 2. gatunki					
Pozycja magazynowa		Opis pozycji	llo:	ić [m²]			
Odpad					1201.69		
1013791					240.70		

#### **Dedicated interface**

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#### **Employee support**

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STΛΒΙLΙS TERMINAL: T50P_1056 UŻYTKOWNIK: Operator Maszyny STAN: PRACA [STOP]										
DOSTĘPNE ZLECENIA PRODUKCYJNE										
ZLECENIA DO REALIZACJI										
NUMER ZLECENIA	KLIENT	METRAŻ	[MB] DATA	ZLECENIA SI	TATUS	:=				
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UWAGI: dostawa 26/05										
LISTA PAKÓW W ZLECENIU - 2018/ZPS/SOK/561284										
NUMER PAKA DŁU		MB] CIĘŻAR [I	(G]	ARKUSZY	PACZKA [MB]					
2018/PAK_PROD/SOK/070685		.12 150	.12		20.12	<				
2018/PAK_PROD/SOK/070686		.12 151	.12		21.12					
2018/PAK_PROD/SOK/070687		.12 152	.12		22.12					
OGÓLNE MASZYNA					NAWIGACJA					
			ALARMY							

- Easy-to-use
- 15 min. trainings enabling independent line operation
- Automatic adaptation to the mother tongue of the logging

in user (non-Latin language support)

• Dedicated interfaces for managers, foremen and UR

services

#### Sample implementation process

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• Implementation

Źródło danych: grupa Pruszyński









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# Do you want to improve the EBITDA result in your factory?

Make an appointment with us!