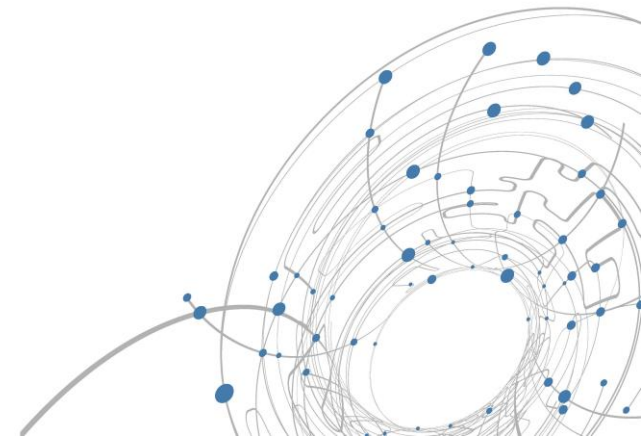


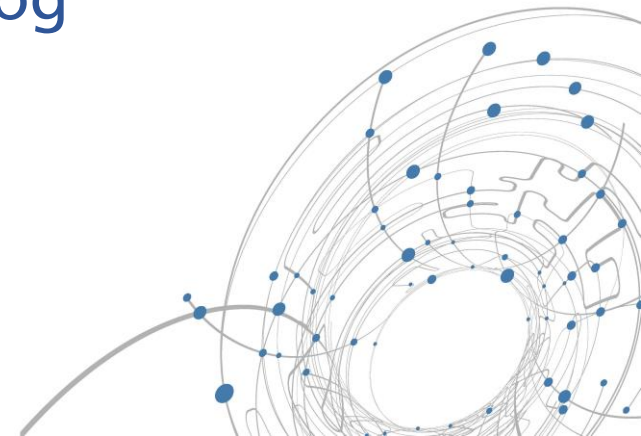
POZITIVNI UČINKI UPORABE STROJNEGA VIDA V INDUSTRIJSKEM OKOLJU

Rosus 2017

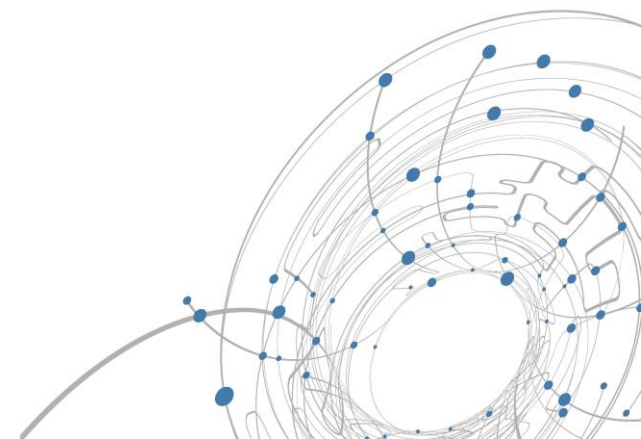


POZITIVNI UČINKI UPORABE STROJNEGA VIDA V INDUSTRIJSKEM OKOLJU

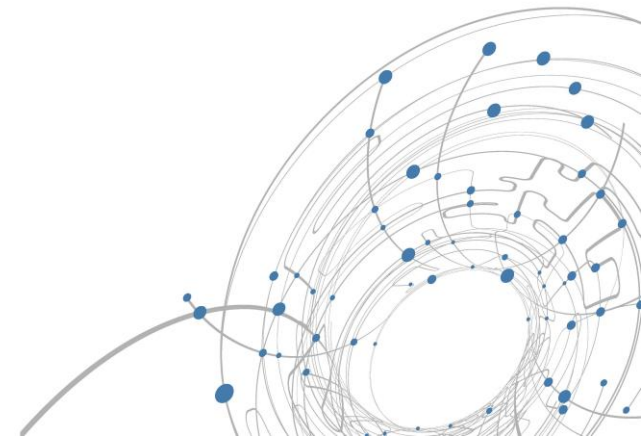
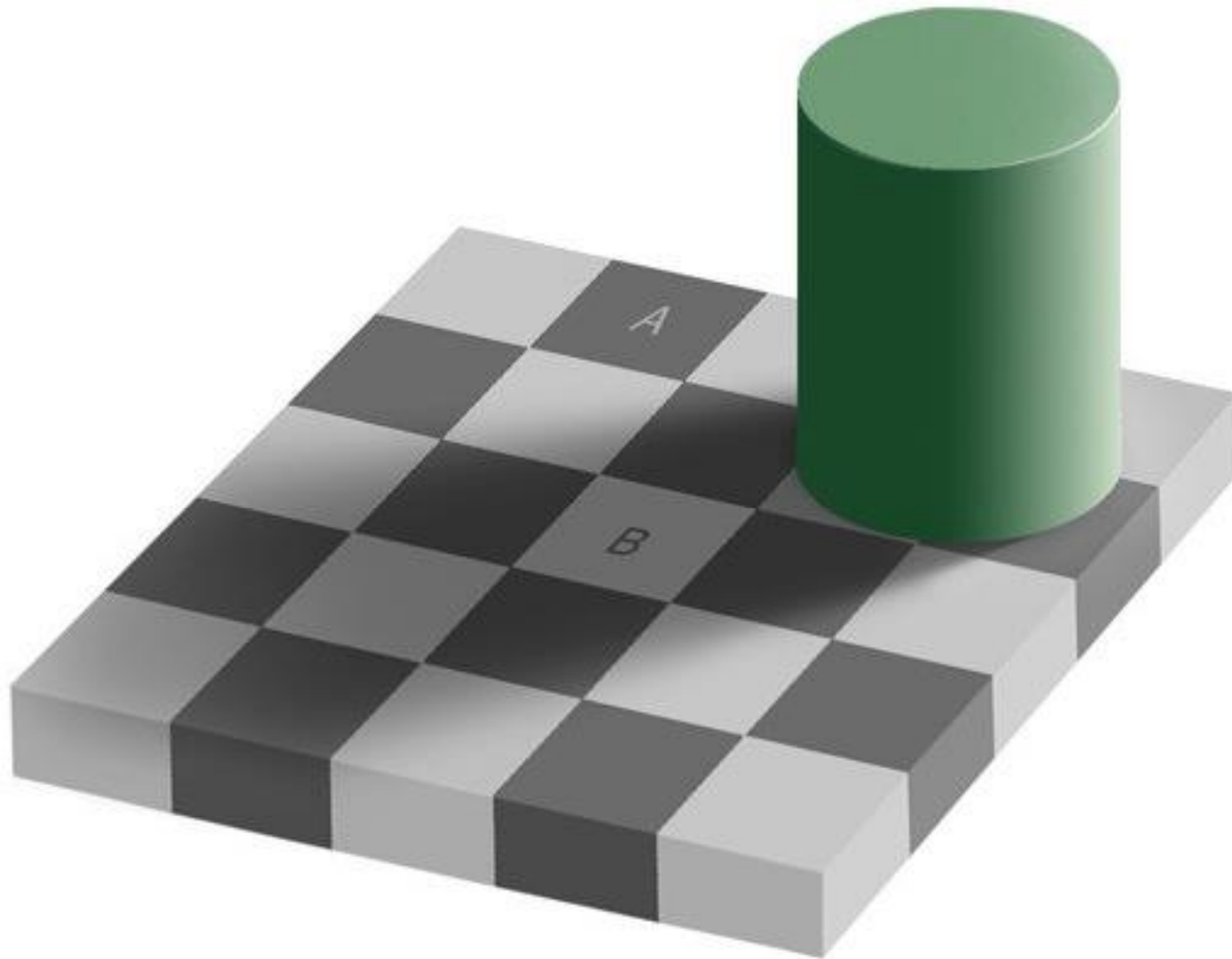
1. Eliminacija subjektivnih odločevalcev, posledično izboljšanje kakovosti izdelkov in znižanje stroškov reklamacij od kupca
2. Znižanje stroškov končne kontrole
3. Realno-časovno spremljanje trendov proizvodnje, posredno izboljšanje tehnoloških procesov in zmanjšanje izmeta
4. Višja produktivnost
5. Manjša delovna površina in zmanjšanje medfaznih zalog



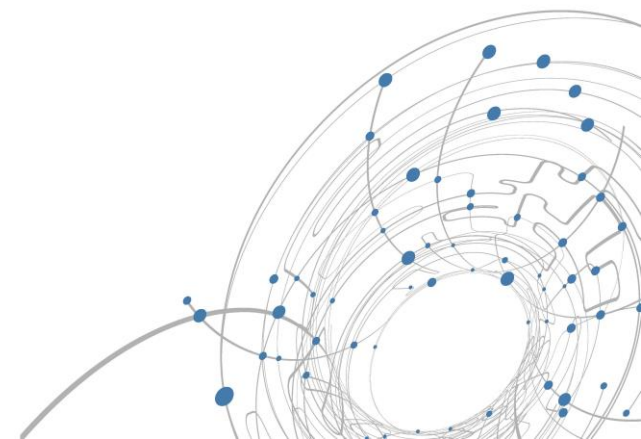
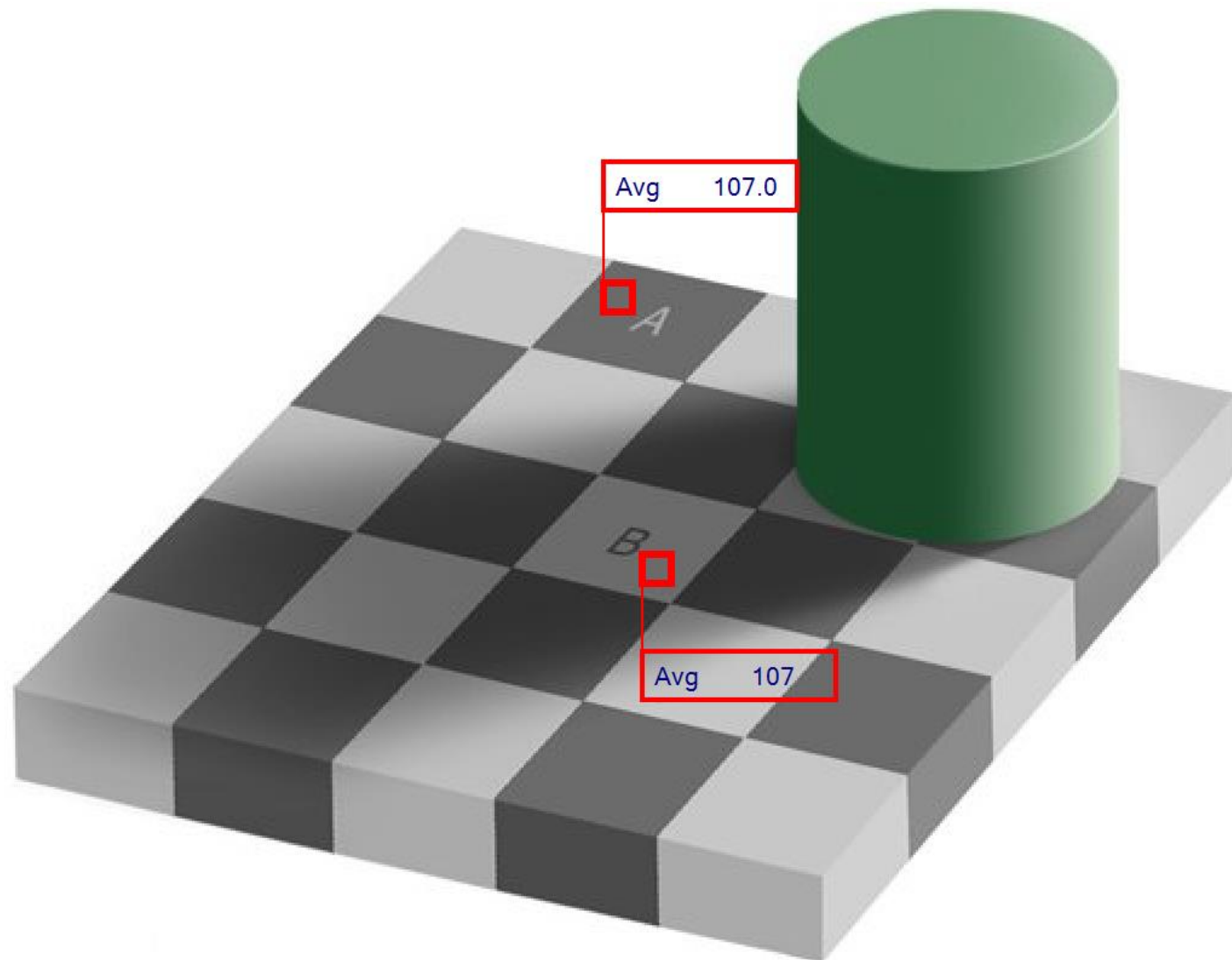
1. ELIMINACIJA SUBJEKTIVNIH ODLOČEVALCEV, POSLEDIČNO IZBOLJŠANJE KAKOVOSTI IZDELKOV IN ZNIŽANJE STROŠKOV REKLAMACIJ OD KUPCA



KATERA BARVA JE TEMNEJŠA? A ALI B?



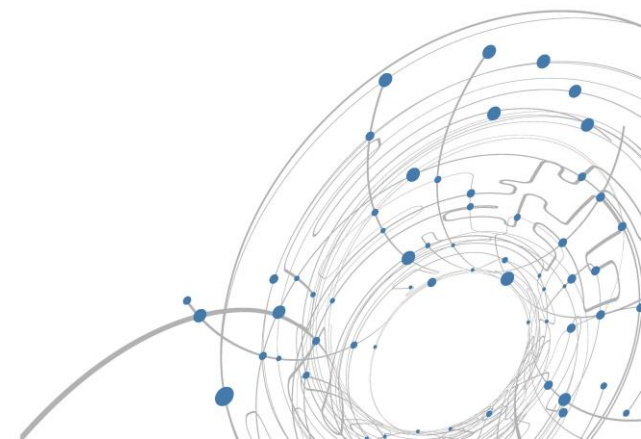
ENAKI STA



	<i>Error rate (per task)</i>		
	<i>Read/ reason</i>	<i>Physical operation</i>	<i>Everyday yardstick</i>
Read analogue indicator wrongly	0.005		
Read 10-digit number wrongly	0.006		
Leave light on			0.003
<i>Routine task with care needed</i>			
Mate a connector wrongly		0.01	
Fail to reset valve after some related task		0.01	
Record information or read graph wrongly	0.01		
Let milk boil over			0.01
Type or punch character wrongly		0.01	
Do simple arithmetic wrongly	0.01–0.03		
Wrong selection – vending machine			0.02
Wrongly replace a detailed part		0.02	
Do simple algebra wrongly	0.02		
Read 5-letter word with poor resolution wrongly	0.03		
Put 10 digits into calculator wrongly	0.05		
Dial 10 digits wrongly	0.06		
<i>Complicated non-routine task</i>			
Fail to notice adverse indicator when reaching for wrong switch or item	0.1		
Fail to recognize incorrect status in roving inspection	0.1		
New workshift – fail to check hardware, unless specified	0.1		
General (high stress)	0.25		
Fail to notice wrong position of valves	0.5		
Fail to act correctly after 1 min in emergency situation	0.9		

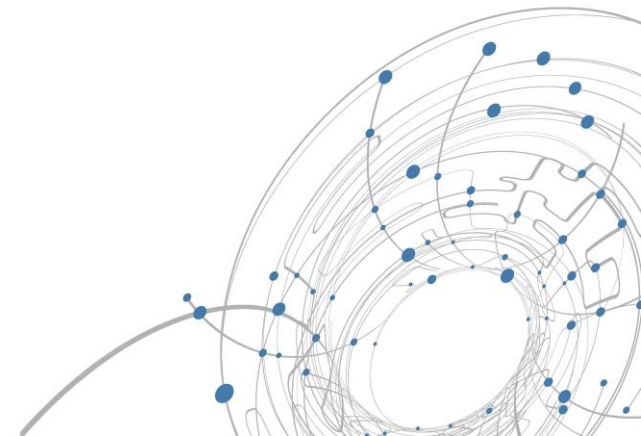
In failure rate terms the incident rate in a plant is likely to be in the range of 20×10^{-6} per h (general human error) to 1×10^{-6} per h (safety-related incident).

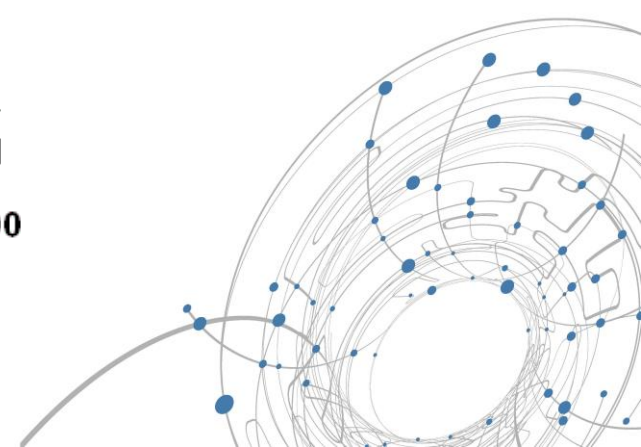
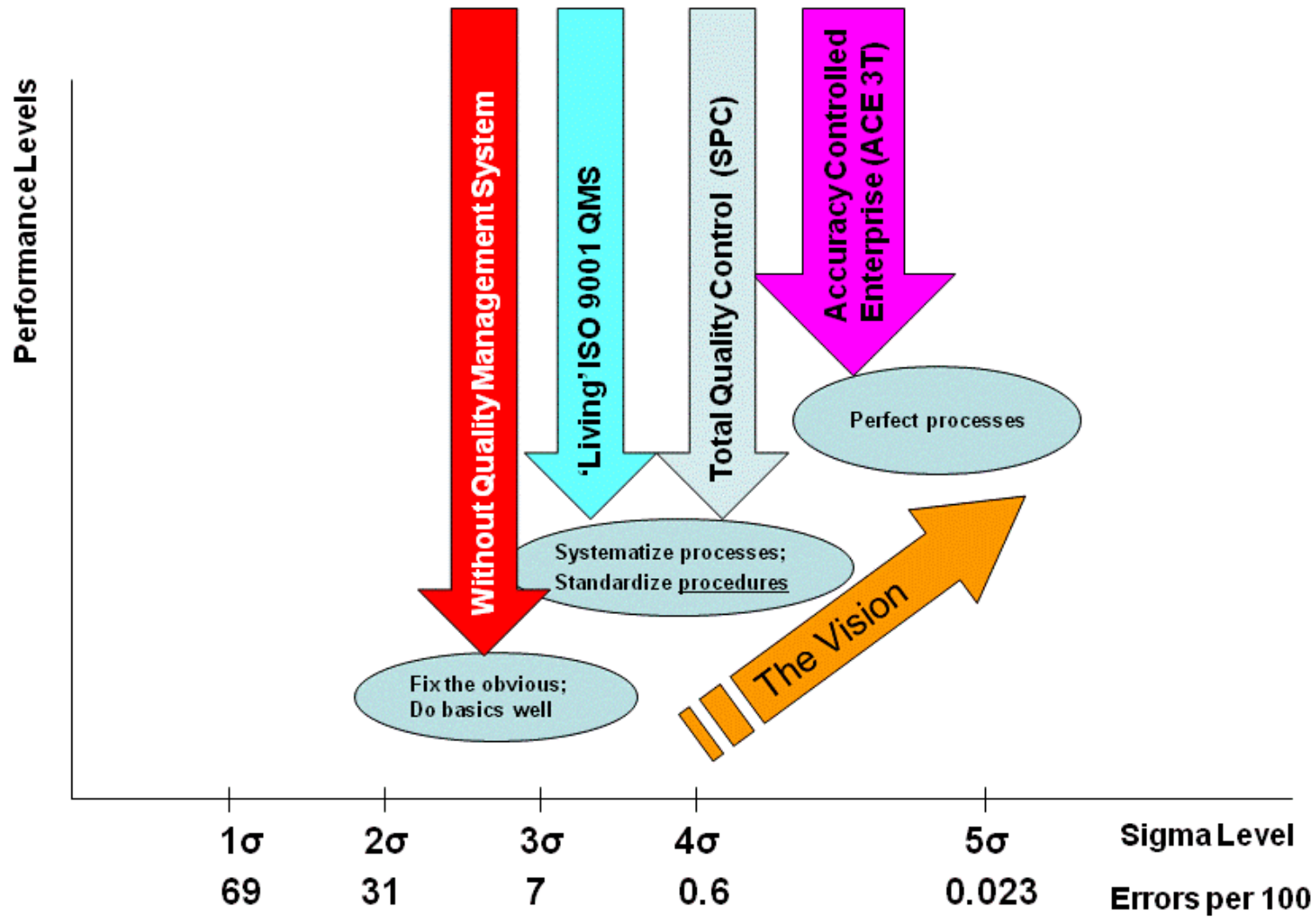
Source: Smith, Dr David J., *'Reliability and Maintainability and Risk'*, Extracts from Appendix 6, 7th Edition, Elsevier, 2005



DEJAVNIKI KI VPLIVAJO NA ODLOČITVE

- Fizični, okoljski
- Organizacijski
- Osebnostni
- Izkušnje, šolanja
- Stres

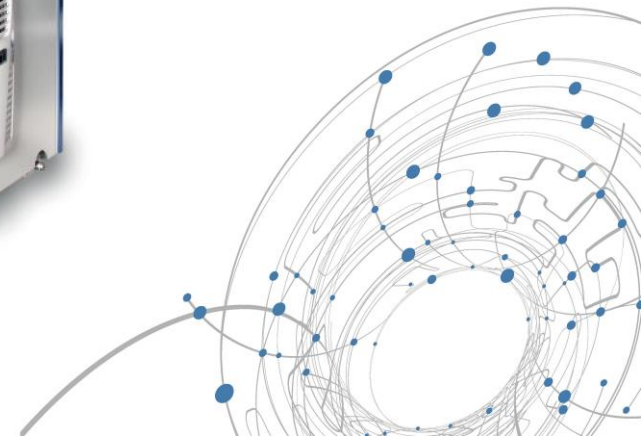




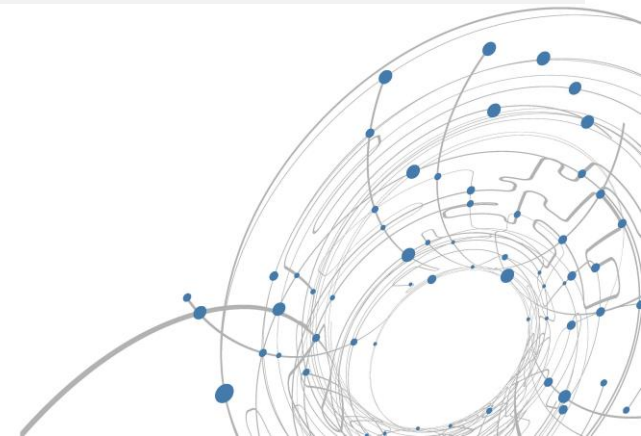
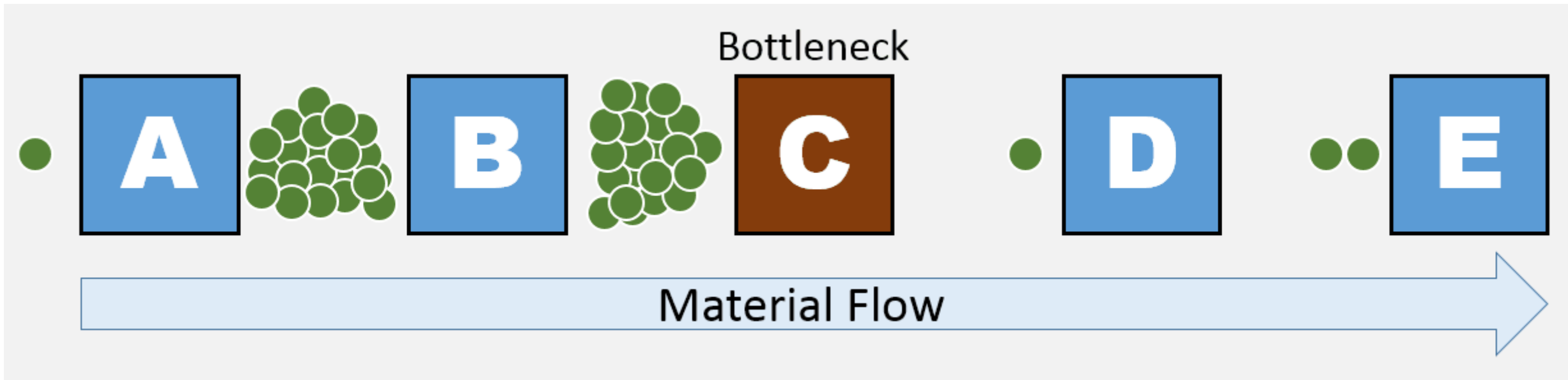
2. ZNIŽANJE STROŠKOV KONČNE KONTROLE



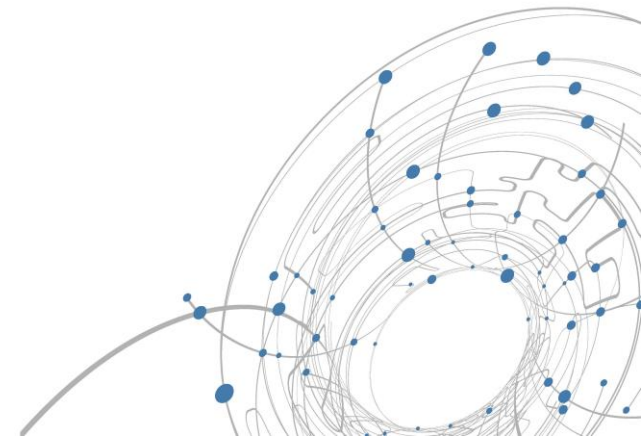
Vs.



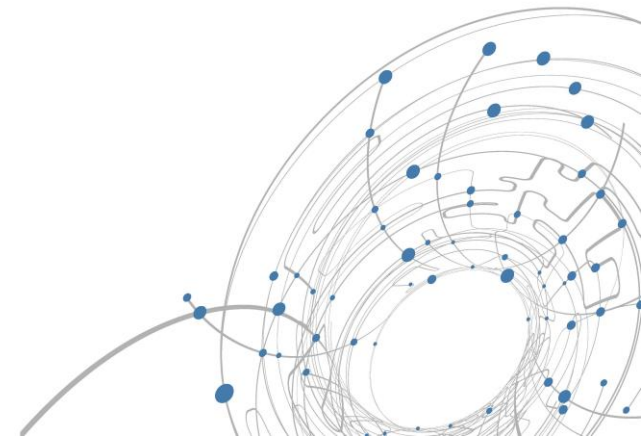
3. VIŠJA PRODUKTIVNOST

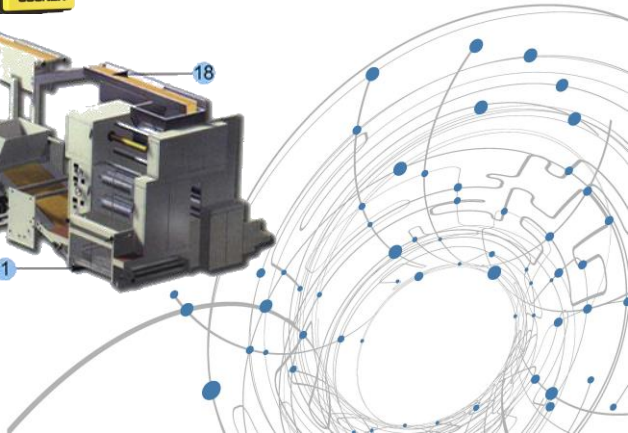
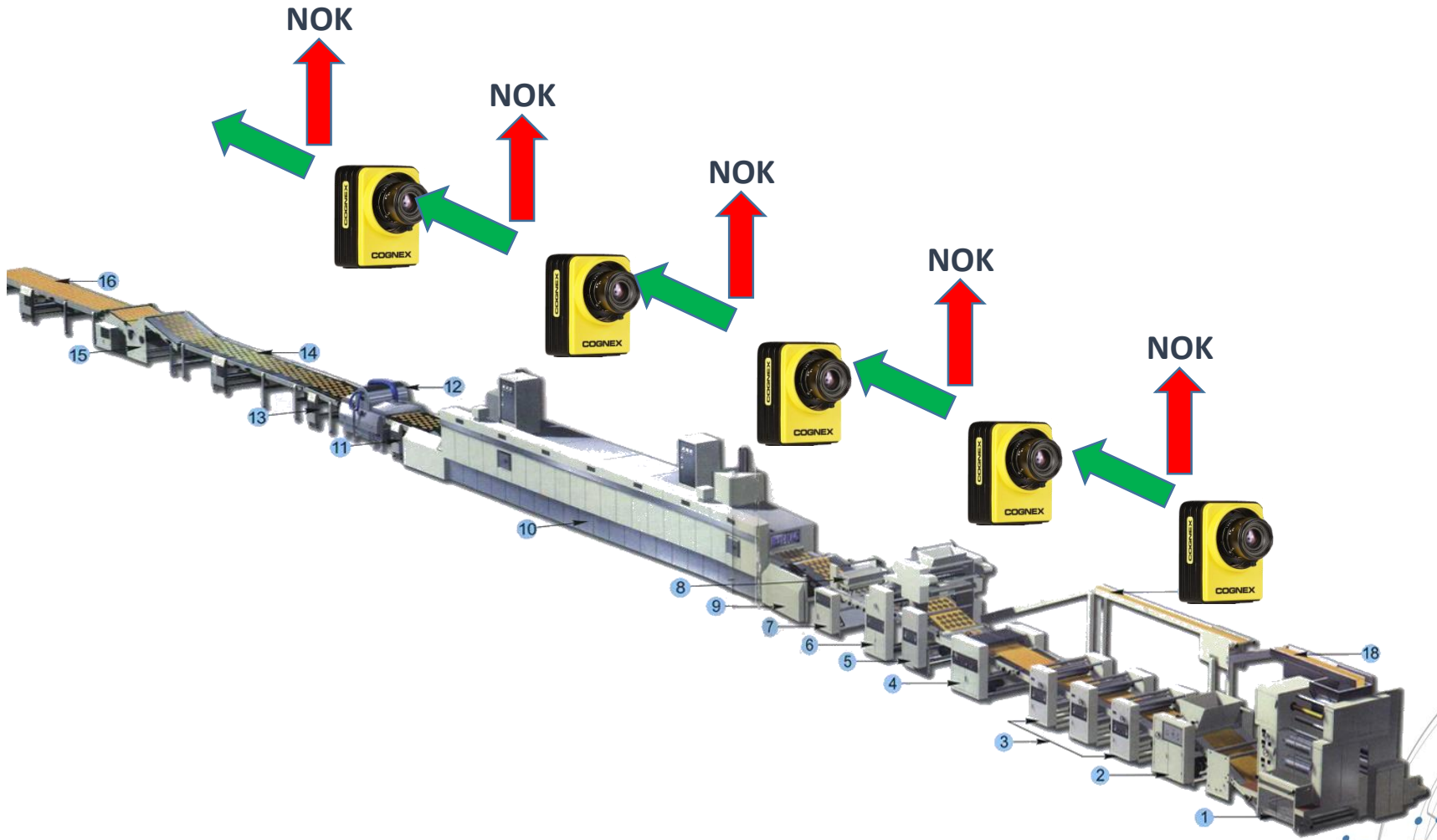


4. MANJŠA DELOVNA POVRŠINA IN ZMANJŠANJE MEDFAZNIH ZALOG

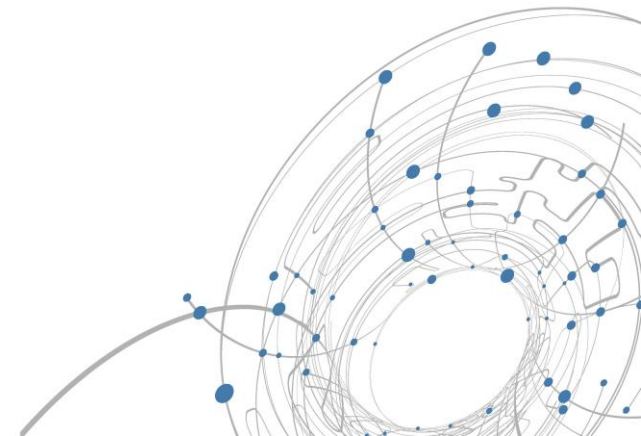


5. REALNO-ČASOVNO SPREMLJANJE TRENDOV PROIZVODNJE





HVALA ZA POZORNOST!



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