



## Profesionalna komunikacija sa HMI ima prednost Industrija 4.0 zahteva ergonomске HMI-je

Industrija 4.0 omogućava efikasnu komunikaciju između čoveka i mašine, više nego ikada ranije. Međusobna komunikacija se odvija jezikom koji razumeju svi primaoci.

Do sada nije bilo dovoljno samo razgovarati i slati podatke, sada ih takođe treba i razumeti!

Ukratko: HMI ne ispunjava samo pojedinačne potrebe svojih korisnika nego i zadovoljava specifične zahteve mrežnih sistema. To je jedini način da se uspešno komunicira. Neki od njih se mogu naći u sledećim temama.

Vaša EXOR ETI ekipa!

*"Industry 4.0 changes the requirements for efficient human-machine systems in production. zenon Supervisor is already equipped for this challenge. A highlight are the communication interfaces: Supporting various systems, platforms and standards guarantees a high level of flexibility and enables numerous networking and interaction scenarios."*

*Matthias Peissner, Head of Competence Center Human-Computer Interaction, Fraunhofer Institute for Labor Economics and Organization (Fraunhofer IAO)*

**Topics covered:**

Distributer:

**EXOR ETI**<sub>...o.o.</sub>



zenon 7.10: Nadogradnja i korist

zenon podržava ISO 50001 certifikat

Uspešan sa zenon:  
Naše reference



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## zenon put to the test



In the framework of the study "The Potential of Human-Machine Interaction for the Efficient and Networked Production of Tomorrow" the Fraunhofer Institute for Labor Economics and Organization (IAO) has developed requirements and guidelines for successful and innovative HMIs and HMI engineering tools. On behalf of COPA-DATA, in light of these criteria, the Fraunhofer IAO has now assessed zenon in an expert evaluation.



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## The best stories are written by life – Part 2



The second story is told by Brian, relating to his practical experience with zenon. An ambitious employee attending energy management, who is continually striving not to go under in the flood of data his spreadsheets are producing. Learn how, today, zenon playfully keeps him afloat with the support of efficient reporting. Find out more in "A sixth sense for energy management".

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## New zenon release and support cycles



As an independent company, we can react quickly and flexibly and make unbureaucratic and independent decisions. It is therefore possible for us to respond to the individual needs of our customers and partners and to implement their requirements into our products as quickly as possible. A strong basis to achieve this are our new release and support cycles, which clearly regulate, when and how often new product versions appear and how long we can technically support older versions.

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## CarrefourSA Turkey reduces energy consumption with zenon



In the retail industry energy costs are often the main source of outlay directly effecting the price of the end product. Lighting, air conditioning, heating and cooling systems consume enormous amounts of energy. Therefore these systems should be monitored for energy consumption and efficiency. The turkish company CarrefourSA has implemented zenon for this means and has since been saving more than 1,5 MW per hour.

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