AUTEPRA completes BCT Gdynia automation project with IDENTEC SOLUTIONS technology

Port systems integrator AUTEPRA has installed IDENTEC SOLUTIONS' CTAS technology to automate container and handling equipment tracking for Polish terminal operator BCT Gdynia

LUSTENAU, AUSTRIA – 09.06.2016 – IT systems engineering company AUTEPRA has recently completed its first installation of IDENTEC SOLUTIONS' CTAS real-time asset management and process automation technology for Polish container terminal operator BCT Gdynia.

Under the EU co-financed project, AUTEPRA delivered, installed and commissioned IDENTEC SOLUTIONS' CTAS system, including software and hardware, to automate the location and identification of containers and container handling equipment (CHE) in BCT Gdynia's terminal yard. As part of the same project, the company also supplied new servers and CISCO Mesh wireless network.

Based in Lithuania, AUTEPRA specialises in IT and automation systems for ports, container terminals, intermodal and logistics facilities. Separately, it installed an automated gate system at BCT Gdynia last year as part of an ongoing investment programme that has also seen the Polish operator acquire new ship-to-shore and yard cranes and renovate its terminal paving. BCT Gdynia has been handling containers since 1979 and is one of the largest operators in the Baltic region. Since 2003, it has been part of ICTSI, the international container port and terminal group based in the Philippines.
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The project involved installation of CTAS DGPS position detection technology – comprising base stations, receivers and PLC units – on various types and makes of CHE serving the container yard, including 18 rubber-tyred gantry (RTG) and two rail-mounted gantry (RMG) stacking cranes, two

straddle carriers and three reach stackers. An RFID system was also installed to identify terminal trucks as they pull up under the stacking cranes.

The CTAS system, which went fully live in April, allows BCT Gdynia to automatically locate and identify all containers and CHE in the yard area. This improves performance by eliminating 'missing' or wrongly identified containers in the stack, reducing the need for manual inventory checks and avoiding data entry errors. It also optimises the hand-off process between cranes and mobile equipment serving the yard, automatically identifying terminal tractors as they arrive at the stack and 'promoting' the correct job to the top of the list on the yard crane driver's in-cab screen. Finally, the technology gives BCT Gdynia live data on the performance of its handling equipment and vehicles plus driver, routing and utilisation data.

"Container terminals are paying increasing attention to automation as the only way to increase handling efficiency, speed and safety," said Tomas Girdzevičius, CEO of AUTEPRA. "Systems such as terminal operating system (TOS) and gate operating system (GOS) have become a 'must-have' in most facilities. We believe that automated terminal asset management systems, such as CTAS, represent the next must-have technology which will deliver great benefits by providing terminals with complete visibility and tracking of each individual asset – crane, stacker, truck, employee. Features such as CHE monitoring will help prevent unexpected failures, while driver access control will make operations safer."

Mr. Girdzevičius will present a case study on the BCT Gdynia project, plus other recent automation initiatives, during the free TECH TOC seminars at the upcoming 40th [TOC Europe](#) conference and exhibition in Hamburg, 14-16 June, where IDENTEC SOLUTIONS is also exhibiting at Stand D106.

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NOTES TO EDITORS:

IDENTEC SOLUTIONS will be exhibiting on [STAND D106 at TOC EUROPE 2016](#) in Hamburg, 14-16 June, and will be pleased to welcome members of the media to discuss the evolving role of real-time business process automation in ports and terminals, including its CTAS 7.0 remote reefer monitoring solution. [www.tocevents-europe.com](#)

AUTEPRA CEO Tomas Girdzevičius will speak on terminal asset management automation during the free TECH TOC session on [INTEGRATING SOFTWARE, PROCESS AUTOMATION & ROBOTIC EQUIPMENT](#) on Wednesday 15 June, 16:00-17:15. AUTEPRA is also exhibiting on Stand C74

Registration to attend as a visitor is free at https://www.livebuzzreg.co.uk/2016/toceu16/visitor/

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ABOUT:

IDENTEC SOLUTIONS

IDENTEC SOLUTIONS AG is a global provider of wireless solutions that improve efficiency, safety and security in harsh operating environments including oil and gas, tunnels and mining, and ports and terminals.

We help container ports and terminals to automate reefer, yard, gate and quay crane processes, delivering proven benefits such as reduced dwell times, faster horizontal-to-vertical move hand-offs and no lost or unplugged containers. By leveraging our industry leading real-time locating sensor technology we monitor and control the full container flow, allowing operators to enforce the plan, locate every container and see actual performance from drivers, cranes and the overall terminal

An IDENTEC GROUP company, IDENTEC SOLUTIONS is privately held with its corporate office in Austria, and regional offices in Australia, Germany, Norway and USA.

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