

# DATALOGIC SHOWCASES NEW INNOVATIVE SOLUTIONS FOR SMART FACTORIES AT SPS IPC DRIVES, NUREMBERG

Bologna November 23<sup>rd</sup> 2017 - Datalogic, a global leader in the automatic data capture and process automation markets, is pleased to join the 2017 edition of SPS IPC Drives, the Europe's leading exhibition for electric automation, which will be held from 28 to 30 November, in Nuremberg.

Germany is an industrial heavyweight, generating one-third of the EU's value added, known to play a vital role in steering the manufacturing industry and logistics sector. The German trade fair offers the perfect platform to present the wide Datalogic product range to a high-qualified audience, who gathers in Nuremberg every year looking for automation solutions truly able to address the topics of Industry 4.0 and to face the new challenges arising from the current digital transformations in production technologies. The expanded connectivity within the industrial environment and the complete operational visibility allowing real-time decision making has fueled the growth of the global market of Smart Factory Solutions, which is projected to exceed USD 150 billion by 2022. Industrial manufacturers have the opportunity to profit from innovation strategies that build upon smart factory advanced paradigm. Last year 63,300 visitors (76 % from Germany and 24 % from other countries) took part in the SPS exhibition to find inspiring ways for new ventures into the market.

The increasing demand for automation solutions finds a prompt response in the Datalogic new organization model, focused on clients, designed to realize the potential of digital transformation trends and to help customers to remain competitive in the future. Datalogic is the only player on the market able to provide a full range of products and solutions to supply the whole value chain.

At Hall 7A, booth 110, Datalogic will showcase new product lines for a wide range of industrial applications focused on full traceability, inspection and detection thanks to full connectivity and real time control; new intralogistics solutions will be presented, as well as advanced tools for big data management in mobility; finally, new safety solutions will be featured to complete the 360-degree product range of the company.

At Datalogic booth will be unveiled:

## Laser Sentinel - Safety Area Scanning

Laser Sentinel, the new innovative solution for safe area scanning, ideal for a large variety of applications in factory automation and intralogistics. New hardware and software measurement filters deliver reliability in the harshest industrial environments. Beyond the basic safety function of delivering a safe stop signal when a person is detected in the area, a number of important features have been implemented. An intuitive Graphic User Interface allows easy programming of the entire system and backup memory makes maintenance quick, without the need to download the program.

## SG4-F Safety Light Curtain

SG4-F Safety Light Curtain, the first safety light curtain with integrated OpenSAFETY protocol over a Powerlink network. A new solution for safety that is easy to integrate in existing networks and communicates seamlessly with safety programmable controllers through an open protocol. With finger, hand and body protection options, SG4 FIELDBUS is the perfect Light Curtain for Industry 4.0, ideal for a variety of industries, (including food & beverage, packaging, machine tools, warehouses, wood and ceramics), allows less wiring and hardware, fewer errors in commissioning and maintenance, preventive maintenance and an increase of the overall machine availability.

#### Matrix 120 - 2D ULTRA COMPACT IMAGER

Matrix 120 is the smallest ultra-compact industrial 2D imager in the market, able to fit any integration space, ideal for OEM customers in Chemical/Biomedical industry and Print & Apply applications, perfect for applications in the Factory Automation, Electronics, Packaging and Food/Beverage. Thanks to its embedded Ethernet and USB connectivity Matrix 120 is the perfect solution when small dimension, simple integration and performance are the key drivers. It is available in different models, including a WVGA sensor for standard applications, 1.2 MP sensor for high resolution bar codes, wide angle version for proximity reading.

#### Matrix 300N™

Matrix 300N™ is an ultra-compact image based bar code reader, designed for performance on high speed and Direct Part Marking (DPM) applications. It is powered by the new software DL.CODE, offering maximum customer ease-of-use as well as extra features like Code Grading for perfect code quality control, Autotrigger mode for presentation applications, and Smart Autolearn to facilitate the setting up of the most difficult DPM. Matrix 300™ combines a high resolution sensor with ultra-fast image acquisition: 1.3 megapixels, 60 frames per second, featuring a large variety of optical models, with electronic focus control and polarized models making the most flexible solution for manufacturing applications.

#### DS5100 - Laser Scanner

DS5100 is a flexible and compact laser scanner for industrial applications ideal for manufacturing plants and intralogistics applications, offering excellent reading performance, easy setup with X-PRESS™ interface, high-speed ID-NET™ communication interface and immunity to ambient light. The DS5100 series includes subzero models with operating temperature from -35 C to 50 C using internal heater and de-frost window.

#### PowerScan 9100 series

The new PowerScan 9100 series continues the tradition of rugged and ergonomic PowerScan readers, built for durability in tough environments, introducing an innovative Datalogic technology: a green laser-like scanning line. The same crisp definition of a laser line is combined with the benefits of a linear imager. The result is outstanding 1D decoding capabilities, high performances on damaged or poorly printed bar codes, and reading capabilities on LCD screens or mobile devices. The PowerScan 9100 linear imager series comprises of a desk model (PD9100), a Bluetooth® wireless technology model (PBT9100) and a wireless version featuring Datalogic's STAR Cordless System™ radio (PM9100).

#### Impact 11.11: New OCR and Pattern sorting tool 2.0 for machine vision application

The advanced OCR tool is a powerful vision software tool able to read challenging alphanumeric strings printed over labels or directly marked (DPM) into industrial products. This new tool ensures robust and reliable reading of hard-to-read characters under difficult conditions, such as non-uniform background, variable light conditions, and curved surfaces. The new 11.11 IMPACT software release brings new functionalities to the MX-E and MX-U vision processors delivering advanced OCR, an intuitive and easy to use vision tool for challenging OCR applications, and new PST tool capabilities. IMPACT+OCR is the smartest solution for variable data printing inspection in the Food & Beverage industry.

#### Rhino II-VMC

Datalogic is also pleased to announce the next generation Vehicle Mount Computer, Rhino II. Targeted at warehouse and factory forklift applications, in-vehicle applications requiring a rugged computer, and even fixed applications on the factory floor where a rugged and sealed device is mandatory, Rhino II VMC is designed for the ultimate in quality and reliability. The Rhino II vehicle mount computers, available in both 10" and 12" display sizes, set new standards for ruggedness in the warehouse. A sealed design tested to IP65/IP67 ensures operation in the toughest environments. A dedicated freezer-rated model with integrated display heater allows use in and out of cold storage. The capacitive touch models feature 3 mm anti-glare armored glass, while still allowing the use of gloves.

#### Skorpio X4

New Skorpio X4 mobile computer is the latest evolution of the extremely successful Skorpio product line of compact mobile computers that has set a new standard in the market. Skorpio X4 embodies a reliable and rugged companion for regular intralogistics and warehousing applications. Equipped with the largest high-visibility color graphics display (3.2 in.) in its class, the Skorpio X4 mobile computer improves the users' efficiency. With a choice of Windows Embedded or Android™ Operating Systems, the Skorpio X4 mobile computer delivers the ultimate in ergonomics, intuitive user interface, computing and data capture technologies, combined with best-in-class ruggedness.

