

Coping with the EU Tobacco Products Directive

Datalogic solutions to the legislative requirements: more than basic compliancy!

Changing legal requirements is creating an increased demand for the application of track and trace solutions throughout the entire supply chain in the Pharmaceutical, Medical Device, Tobacco, Cosmetics, Food and Beverage industry.



The **Tobacco Products Directive** (2014/40/EU) aims to improve the functioning of

the internal market for tobacco and related products, while ensuring a high level of health protection for European citizens. The Directive introduces an EU-wide tracking and tracing system for the legal supply chain and visible and invisible security features.

All unit packets of tobacco products will be required to be marked with a unique identifier: linear barcode, Data-Matrix, QR-codes and of course the 2D DotCode that is used on individual packages.

Relevant economic operators involved in tobacco trade will be required to record the movements of these packets throughout the supply chain and transmit the related information to an independent provider. The systems of traceability and security features must be in place by:

20 May 2019 for cigarettes and roll-your-own tobacco
20 May 2024 for all other tobacco products.

Source: Directive 2014/40/EU of the European Parliament and of the Council of 3 April 2014 on the approximation of the laws, regulations and administrative provisions of the Member States concerning the manufacture, presentation and sale of tobacco and related products and repealing Directive 2001/37/EC Text with EEA relevance



Supporting your compliance of the EU Directive

Whether you are a Distributor, a Wholesaler, a Retailer, a Mobile Sales Operator, a Merchandiser or a 3rd Party Contracted Logistics Service Provider, **Datalogic** can supply you with hand held or fixed industrial scanners, to address the most challenging scanning needs, including all the symbology required by TPD.

Do you know what tools and procedures you need to put in place in order to be compliant with the Tobacco Product Directive?

Could these extra procedures you need to implement actually become an opportunity to improve your systems and transform productivities further?

Working with **Datalogic** you can be sure to get the right solution for timely compliance with TPD while enhancing your business at the same time!

You need **scanners with the highest functionality** and performance to keep up your productivity and minimize disruption.



The **Gryphon™ 4500** HD models provide great reading performances on a wide range of symbologies: they are the best choice for manually scanning cigarette packages with small DotCodes, EAN and Datamatrix codes. Furthermore, the Gryphon™ 4500 wireless series provide an innovative and contactless “wireless charging system”, which enhances the reliability of the entire solution, while lowering the total cost of ownership (no contacts means no need for contact cleaning or maintenance procedures).

The **Matrix 120™** imager is the smallest ultra-compact industrial 2D imager in the market to fit any integration space thus representing the ideal solution for primary packaging machines. The Matrix 120™ is available in different models, including a WVGA sensor for standard applications or a 1.2 MP sensor for high resolution bar codes. Moreover, a wide angle version makes the Matrix 120™ the perfect solution for proximity reading.

The **Matrix 220™** is a very compact image-based bar code reader able to provide top performance with the greatest flexibility. Equipped with multi-core processing platform, hardware acceleration, electronic focus control and innovative lighting solutions, Matrix 220 is ideal for high speed applications. The DPM models allow to achieve extraordinary reading rates also on codes under transparent film by leveraging polarized on-board lighting.



The **Matrix 300N™** with a high resolution sensor and ultra-fast image acquisition is the next-generation, compact imager in the Matrix family. The optical system incorporates a liquid lens module for electronic focus control. The integrated illuminator is embedded over the entire front surface of the reader delivering bright and uniform illumination of the bar code. Matrix 300N is the perfect choice for reading barcodes both on single packages and on carton of cigarettes.



**Datalogic
product range
offers the
right solution**



DOT Code reading is also enabled by **IMPACT**, the software platform powering all Datalogic Machine Vision devices including both **Smart Cameras** and **Vision Processors**. With 100+ machine vision algorithms, IMPACT allows to combine barcode reading with other inspection tasks such as Optical Character Recognition (OCR), package quality inspection, pattern recognition, measurements.



The **Skorpio™ X4** equipped with the largest high-visibility 3.2 inch color display touch screen in its class, the Skorpio X4 mobile computer helps users work more efficiently. The one mega pixel Datalogic scan engine with an enlarged field of view that allows a smoothless and fast DotCode reading.



The **Falcon™ X4** mobile computer is ideal for Retail and Logistics applications both on the store floor and in the back office/warehouse. Datalogic core technologies for data capture enable top scanning performance in reading any kind of 1D and 2D codes, including the DotCode. The new Auto Range 2D imager scans from near to extremely far distances.



The superior performance of **Memor™ 10** Android™ full touch PDA is able to support a multitude of applications in various environments, including a new model with a 2D Megapixel scan engine option for improved performance. The MP scan engine also enables DotCode (tobacco tracking) and Digimarc® watermarking reading.



The **Memor™ 20** is a full-touch device that delivers ruggedness, power and performance in a smartphone form factor with the user-friendly experience of Android™, for enterprises with the greatest mobile challenges. The embedded Datalogic 2D ultra-slim imager is the thinnest on the market, being specifically designed and developed by Datalogic for small form factor devices (with DotCode and Digimarc® watermarking reading).