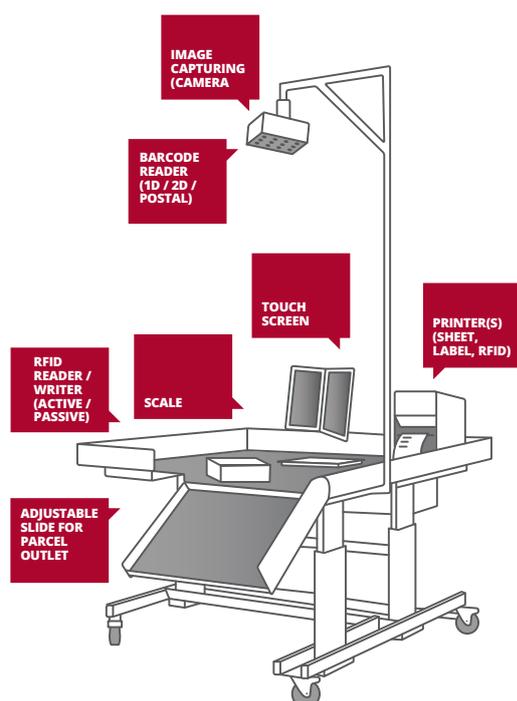# HOW TO TURN VAT ON E-COMMERCE INTO GOOD BUSINESS

TURN A DIFFICULT SITUATION INTO A GOLDEN OPPORTUNITY WITH THE LYNGSOE MANUAL IMAGE CAPTURING STATION™ (MICS) FROM LYNGSOE SYSTEMS IN A SCALABLE SOLUTION FOR OPTIMIZING IMPORT, CUSTOMS AND VAT COLLECTION

IT IS TIME TO PREPARE FOR THE FUTURE

The situation is already critical as most postal operators are struggling with profitability on Asian e-commerce import and keeping up with the growth in volumes, having limited space, time and manpower available. From January 1, 2021, this situation will become even more critical when VAT must be collected on all imported items as this will add significantly to the workload of the European posts when EU Directive 2017/2455 is fully implemented.

So, the time has come to start planning and preparing for how to manage this and with a significant raise in e-commerce entering Europe, we also see a chance to make VAT collection profitable.

FLEXIBLE SOLUTION WITH THE LYNGSOE MANUAL IMAGE CAPTURING STATION™

The keyword is to invest in a flexible and scalable system such as MICS, which lowers the cycle time of the import process by combining automatic arrival registration (IPS), customs handling and image capturing into one single process.
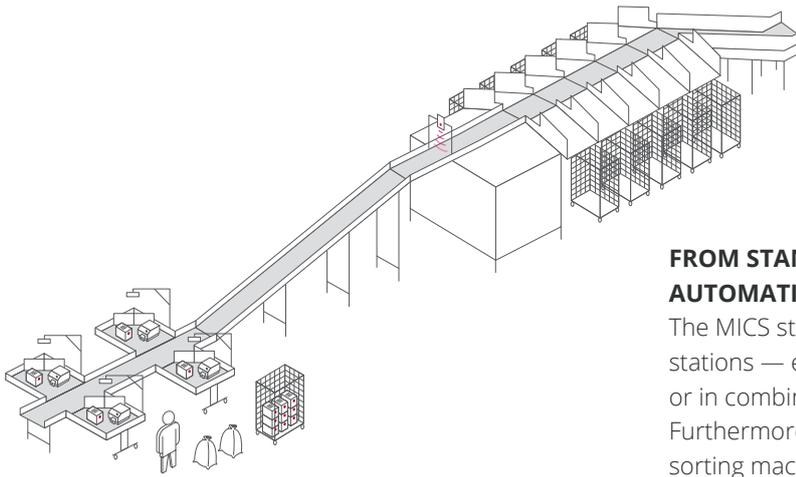
Using captured images of items rather than the actual items themselves, allows data entry to be separated from the physical handling of the items,

which enables quick release of items, lowering manual labor and freeing up floor space.

At the core of a MICS station is a high-resolution camera that is automatically triggered by barcodes – e.g. s10. The captured images containing address and CN22 information are processed by OCR for automatic data recognition of features such as ship-to address, phone-number, ZIP-code and the declared CN22 data.

The MICS station is integrated with the surrounding IT systems. All data available relating to the item (e.g. ITMATT) will be made available to the operator, so only the data missing must be entered by the operator.
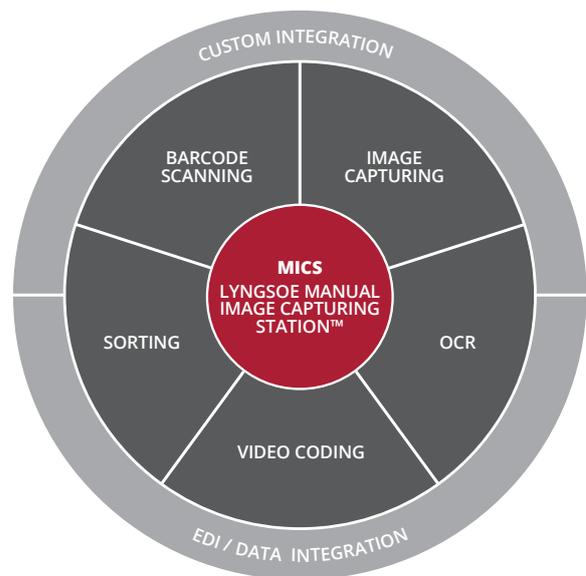
FROM STAND-ALONE TO INTELLIGENT AUTOMATION

The MICS stations can be offered as manual stations — either used as stand-alone stations or in combination with existing sorting solutions. Furthermore, a modular, low-cost, small-footprint sorting machine is available as part of the MICS program, offering automatic sorting of items processed on the MICS stations.

The MICS is a scalable and flexible solution that can be integrated into any custom setup, in order to make the e-commerce operation flawless.

CONFIGURE TO FIT CUSTOM NEEDS

Images captured by the MICS, OCR results and other data are saved on the Image Archive and Middleware Server (IAMS) which acts as the integration platform to other systems.

Video coding can be offered as a service implemented on the IAMS server or the IAMS server can provide images and data input to existing postal video coding systems. The video coding is web-based and can be performed from anywhere with proper authorization and access to the IAMS server.

CUSTOM INTEGRATION

BARCODE SCANNING

IMAGE CAPTURING

MICS
LYNGSOE MANUAL IMAGE CAPTURING STATION™

SORTING

OCR

VIDEO CODING

EDI / DATA INTEGRATION

IMPLEMENT A HIGHLY SCALABLE SOLUTION TO PREPARE FOR THE FUTURE

- Remove bottlenecks by separating data entry from the physical handling of items
- Raise throughput utilizing existing floorspace more effectively

- Automate data capturing and registration
- Reduce cost and lower the need for manpower
- Lower the cycle time of the import and clearance processes

Lyngsoe Systems is one of the world's leading software developers and systems integrators of logistics solutions for a wide range of complex logistics chain environments within the airport, postal, supply chain, library and healthcare markets. We have been designing, installing and maintaining control and track-and-trace systems for more than 40 years and are leaders within the radio frequency identification (RFID) technology market.

With more than 5,000 installations worldwide in more than 60 countries, the Lyngsoe team demonstrates extensive customer process knowledge and advanced expertise within solution design, software development, integration, service and maintenance. In addition, we provide complete project management and consultancy services for our installations worldwide.

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