INTERNET OF THINGS FOR EUROPEAN
SMALL AND MEDIUM ENTERPRISES

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# ShowCase

## See Your Box monitors fine arts exhibitions from nail to nail

### Products

SYB real-time monitoring for the fine arts.

Moving fine arts goods requires real-time monitoring to ensure they are preserved when shipped and exposed globally.

### Results

Thanks to SYB Service, the client monitored the masterpieces in all phases of the temporary exhibition.

The devices performed realtime monitoring during transportation, setup and exhibition, and were working as data loggers during storage in the safes.

### Project Details

The project involved directly SYB's customer, Apice, which is one of the top players in the European art logistics field.

Thanks to SYB, Apice was the first company in the fine arts industry able to provide end to end monitoring to its final client, the Guggenheim Collection of Venice.

## Introduction

Introduction In today's environment the transport of masterpieces for temporary expositions has become more and more frequent. The goal is to deliver a nail-to-nail service that provides realtime alerts and data reading for all key conditions needed to safeguard the masterpiece.

See Your Box (SYB) service pro-actively prevents and manages logistic risks by providing real-time information and instantaneous alerts related to mishandling of goods. Use of Industrial Internet of Things (IIoT) technology allows to monitor several different environmental parameters related to the way goods are stored, transported and used. Shipping and stocking high value masterpieces represents a risk; SYB service tailors to the specific product to be monitored and helps to prevent damage.

## Challenges

Apice (the client) handles the packing, transport and installation for some of the most prestigious art exhibitions, both in Europe and overseas. The client wants to offer a unique solution to its customers: monitoring temporary exhibitions from nail to nail (n2n).

This requires a single solution for all shipments moving through different means of transportation (truck, boat, airplane) and different locations and environmental conditions (temporary safes, exhibition set-up and exposition floor). Existing solutions (GPS, NFC, RFID, Data loggers) cannot comply, since they lack real-time alerts and require substantial investments in infrastructures.

## Solution

SYB generated with the clients two templates composed of a predefined set of conditions. One to be used during transportation, capable to understand whether the

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masterpiece is on a boat or on the road, and another to monitor and transmit of the masterpiece and to immediately transmit via SMS or email alerts. Even if more than 60 different data are recorded several times a day and transmitted to the global cloud system, the equipment can still work flawlessly for 5 months with a regular mobile phone battery. Sensors are so sensitive that all sort of data are recorded, even the time the guards are passing in the halls of the museum. An unbelievable success of automation, precision and simplicity.

## References

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